

summa
→
ortho

CANNULATED SCREW SYSTEM

2.3 / 3.0 / 4.0 / 4.5 / 6.0 / 6.5 / 7.3 Cannulated Screw



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The SUMMA Cannulated Screw System is intended for use in internal fixation, reconstruction, or arthrodesis of small bones including the fore, mid-and hind foot and ankle. Also, the SUMMA Cannulated Screw System is intended for use in internal fixation of the bones of hand and wrist. Examples of these procedures may include but are not limited to replantation, lag screw techniques, joint fusions, corrective osteotomies, and the treatment of fractures. The SUMMA Cannulated Screw System is indicated for fracture fixation, fusions, osteotomies, nonunions, and malunions of fragments of long bones of the pelvis, the femur, the tibia, the humerus, and the foot. The system is not intended for use in the spine.

General Features

Titanium Alloy Material

Biocompatible, corrosion-resistant and non-toxic in a biological environment.

Thread Length Choice

For best fit of distal threads into far bone fragment to bear increased interfragmentary compression.

Self-Tapping Flutes

Reduced OR time by eliminating the need for tapping.

Cannulated Screws

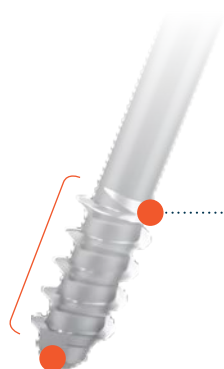


Low profile Screw Head Reduced possibility of soft-tissue irritation.

Cannulated Headless Screws



Cutting Flutes and Double Threads on Screw Head Facilitate countersinking of the screw head below the bone surface. Different Pitch of Head and Shaft Threads for controlled closure and compression of the fracture gap.



Reverse cutting flute for ease of screw removal

Thread Length Choice



Ø2.3 / Ø3.0 / Ø4.0 / Ø4.5 / Ø6.0 Cannulated Screw

(unit : mm)



SO-23-CS-XXX/SO-23-CS-XXXL

- Head Recess: H2.0
- Inner Hole: Ø0.9
- Head Diameter: Ø3.5
- Shaft Diameter: Ø1.6
- Length:
20~35(Short), 9~35(Long)
- Thread Length:
5~6(Short), 4~19(Long)
- Core Diameter: Ø1.6
- Thread Diameter: Ø2.3



SO-23-CH-XXX/SO-23-CH-XXXL

- Head Recess: H2.0
- Inner Hole: Ø0.9
- Head Diameter: Ø3.1
- Shaft Diameter: Ø1.6
- Length:
9~35(Short), 16~35(Long)
- Thread Length:
4~6(Short), 5~17(Long)
- Core Diameter: Ø1.6
- Thread Diameter: Ø2.3



SO-30-CS-XXX/SO-30-CS-XXXL

- Head Recess: H2.2
- Inner Hole: Ø1.2
- Head Diameter: Ø4.5
- Shaft Diameter: Ø2.0
- Length:
8~50(Short), 14~50(Long)
- Thread Length:
4~8(Short), 6~28(Long)
- Core Diameter: Ø2.0
- Thread Diameter: Ø3.0



SO-30-CH-XXX/SO-30-CH-XXXL

- Head Recess: H2.2
- Inner Hole: Ø1.2
- Head Diameter: Ø3.5
- Shaft Diameter: Ø2.0
- Length:
10~50(Short), 16~50(Long)
- Thread Length:
4~20(Short), 5~26(Long)
- Core Diameter: Ø2.0
- Thread Diameter: Ø3.0

SO-60-CS-XXX / 60-CS-XXXL



SO-40-CO-XXX-T

- Head Recess: T15
- Inner Hole: Ø1.4
- Head Diameter: Ø5.0
- Shaft Diameter: Ø2.6
- Length: 20~70
- Thread Length: 7~23
- Core Diameter: Ø2.3
- Thread Diameter: Ø4.0



SO-45-CS-XXX

- Head Recess: H3.5
- Inner Hole: Ø1.7
- Head Diameter: Ø6.0
- Shaft Diameter: Ø3.1
- Length: 20~60
- Thread Length: 7~20
- Core Diameter: Ø2.7
- Thread Diameter: Ø4.5



SO-60-CS-XXX / 60-CS-XXXL

- Head Recess: H4.0
- Inner Hole: Ø2.1
- Head Diameter: Ø8.0
- Shaft Diameter: Ø4.3
- Length:
30~80(Short), 45~80(Long)
- Thread Length:
16(Short), 32(Long)
- Core Diameter: Ø4.0
- Thread Diameter: Ø6.0

General Features

- SUMMA F136 Titanium Alloy Ti-6Al-4V-ELI
- Ø2.3 or Ø3.0 or Ø4.0 or Ø4.5 or Ø6.0 or Ø6.5 or Ø7.3mm Cannulated Screw
- Short Thread, Long Thread, Full Thread



Ø6.5 Cannulated Screw

(unit : mm)



SO-65-CO-XXX-T

Short Thread

- Head Recess: T30
- Inner Hole: Ø3.2
- Head Diameter: Ø8.0
- Shaft Diameter: Ø5.0
- Length: 30~130
- Thread Length: 16
- Core Diameter: Ø4.8
- Thread Diameter: Ø6.5



SO-65-CO-XXX-TL

Long Thread

- Head Recess: T30
- Inner Hole: Ø3.2
- Head Diameter: Ø8.0
- Shaft Diameter: Ø5.0
- Length: 45~130
- Thread Length: 32
- Core Diameter: Ø4.8
- Thread Diameter: Ø6.5



SO-65-CO-XXX-TF

Full Thread

- Head Recess: T30
- Inner Hole: Ø3.2
- Head Diameter: Ø8.0
- Shaft Diameter: Ø5.0
- Length: 20~130
- Core Diameter: Ø4.8
- Thread Diameter: Ø6.5



Ø7.3 Cannulated Screw

(unit : mm)



- SO-73-CO-XXX-T
Short Thread
- Head Recess: T30
 - Inner Hole: ø3.2
 - Head Diameter: ø8.0
 - Shaft Diameter: ø5.0
 - Length: 30~130
 - Thread Length: 16
 - Core Diameter: ø4.8
 - Thread Diameter: ø7.3



- SO-73-CO-XXX-TL
Long Thread
- Head Recess: T30
 - Inner Hole: ø3.2
 - Head Diameter: ø8.0
 - Shaft Diameter: ø5.0
 - Length: 45~130
 - Thread Length: 32
 - Core Diameter: ø4.8
 - Thread Diameter: ø7.3

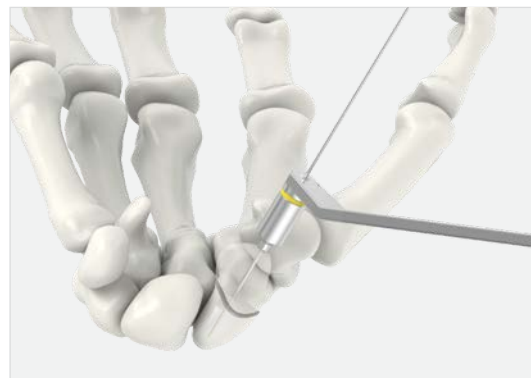


- SO-73-CO-XXX-TF
Full Thread
- Head Recess: T30
 - Inner Hole: ø3.2
 - Head Diameter: ø8.0
 - Shaft Diameter: ø5.0
 - Length: 20~130
 - Core Diameter: ø4.8
 - Thread Diameter: ø7.3

Scaphoid (Ø2.3 Cannulated Headless Screw)

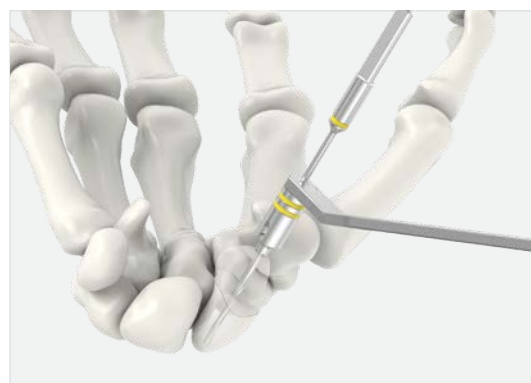
1. Guide Wire Insertion

- Insert the guide wire through a drill guide.
- Check the insertion depth of the guide wire by using the C-Arm.
- Remove the drill guide and check the position of the guide wire and bone reduction status with the C-Arm.



2. Drilling

- Drill up to far bone fragment with the cannulated drill bit.



3. Depth Measurement

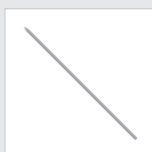
- Insert the depth gauge over the guide pin to read the screw length at the position of the guide pin tip.



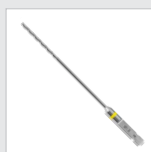
Required Instruments



Drill Guide
SO-111-093



Guide Pin
SO-111-068-1



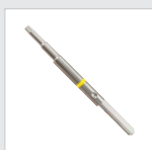
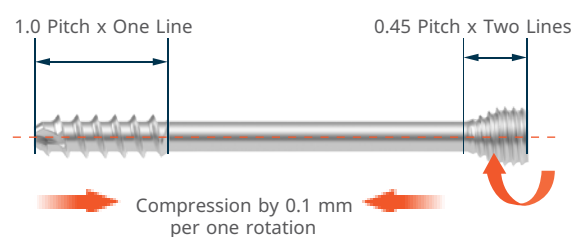
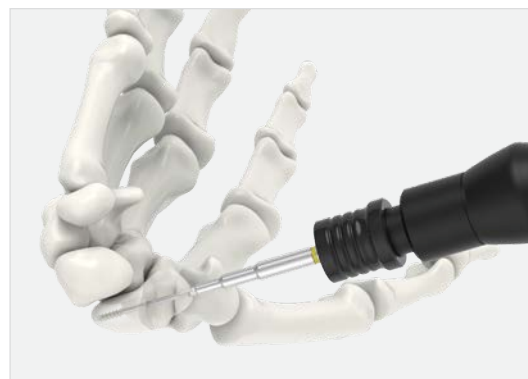
Drill Bit
SO-112-23-702



Depth Gauge
SO-111-061

4. Screw Insertion

- Select a screw with the same length as the length read with the depth gauge. Insert the screw over the guide pin with the screw driver.
- Remove the guide pin when the screw is completely inserted.
- The SUMMA 2.3 cannulated headless screw causes compression between the bone fragments due to the difference in pitch of the threads located in the screw head and shaft. Compression distance 0.1 mm per one rotation.



Screwdriver Shaft
SO-113-HF-608



Screwdriver Handle
SO-111-063

Subtalar Arthrodesis (Ø6.0 Cannulated Screw)

1. Guide Wire Insertion

- Place a drill guide at the desired insertion position and insert the guide wire to the desired depth while checking the position through C-Arm.



2. Countersinking and Screw Depth Measurement

- Countersink with the countersink drill bit after removing the drill guide.
- Measure the required screw length with the depth gauge.

CAUTION: Do not use power tools during countersinking



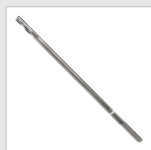
Required Instruments



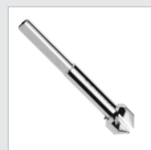
Drill Guide
SO-111-059



Guide Pin
SO-111-068-4



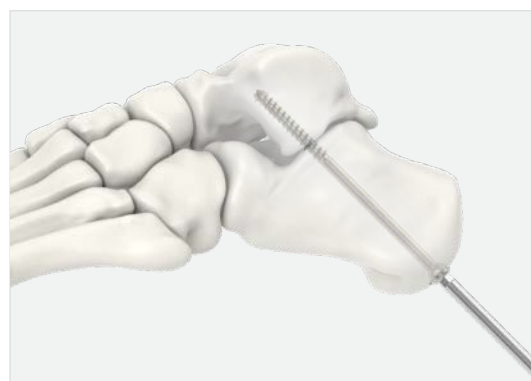
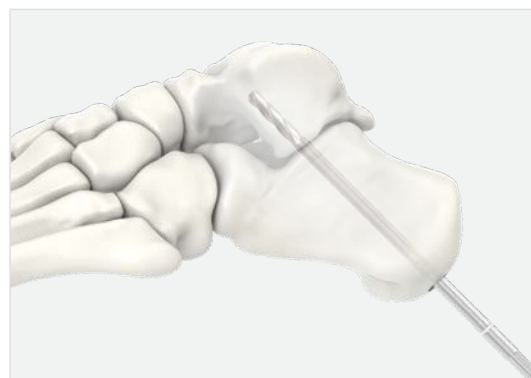
Drill Bit
SO-112-60-601



Cannulated Countersink Drill Bit
SO-111-072

3. Pre-Drilling and Screw Insertion

- Drill over the guide wire with the 4.8 mm cannulated drill bit.
- Select a screw with the length read through the depth gauge, and insert it over the guide pin.
- Insert the screw until the head of the screw is completely seated in the bone.
- If it is osteoporotic bone or the cortex is thin, then the washer can be used to increase the surface area of the screw head (in this case, do not use countersink drill)

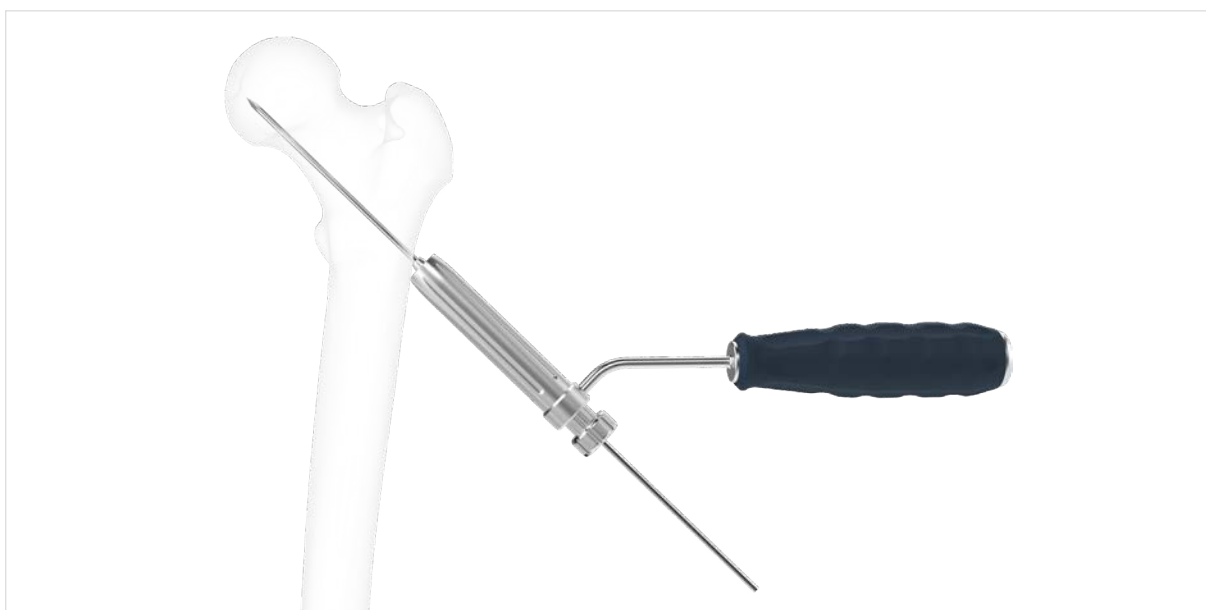


Compression Washer
SO-111-069-2

Femur (Ø6.5 / Ø7.3 Cannulated Screw)

1. Insert the Guide Wire

Insert the ø3.0 Guide Wire (SO-111-221-1) through the Tissue Protection Guide (SO-111-216) and Wire Guide Insertion Sleeve (SO-111-217) (3-Point)



Optional

If you want to insert three guide wire at the same time, use the Multi Hole Guide (SO-111-218)



2. Measure for guide wire depth

Measure the guide wire depth using a Depth gauge (SO-111-219) through the Tissue Protection Guide



3. Drilling

Drill using the Cannulated Drill (SO-112-65-901) over the Tissue Protection Guide and Guide Wire



Femur (Ø6.5 / Ø7.3 Cannulated Screw)

4. Countersink(Optional)

When a lower screw profile is necessary, Use the Countersink (SO-111-223) to create a countersink for the screw head.



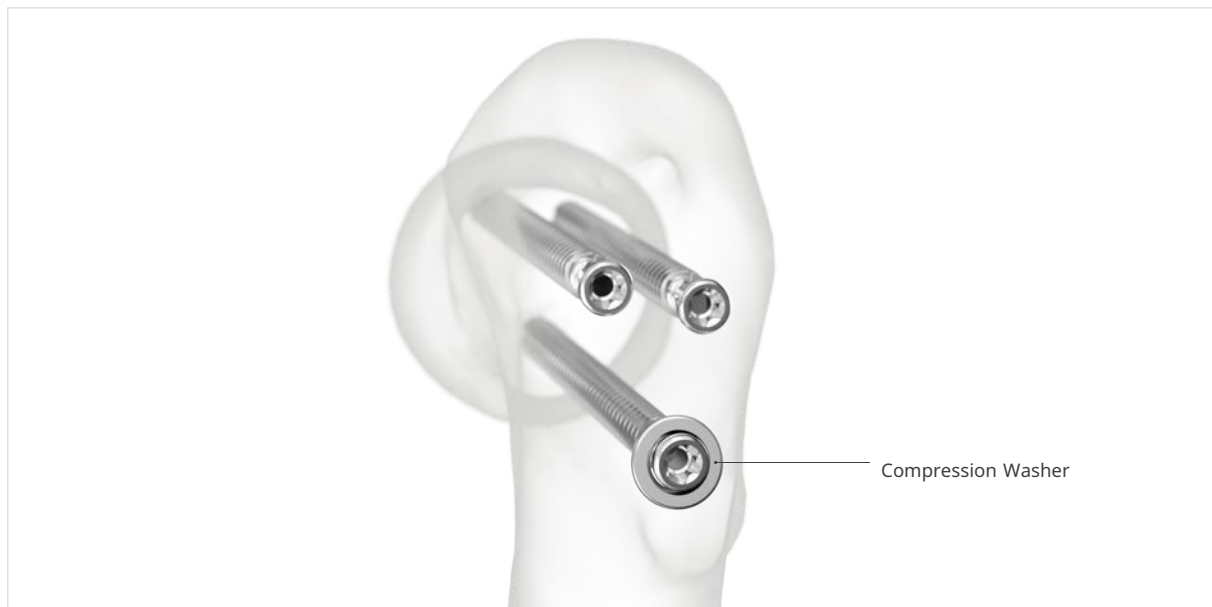
5. Insert Screw

Use the Handle (SO-111-469) and Driver (SO-113-HF-901) for insert the appropriate length screw (SO-65-CO-XXX-TX, SO-73-CO-XXX-TX Series) over the Tissue Protection Sleeve and Guide Wire.



6. Insert Screw with washer(Optional)

If you want protect osteoporotic bone, place the Compression washer (SO-111-069-13) onto the screw and Insert the screw.

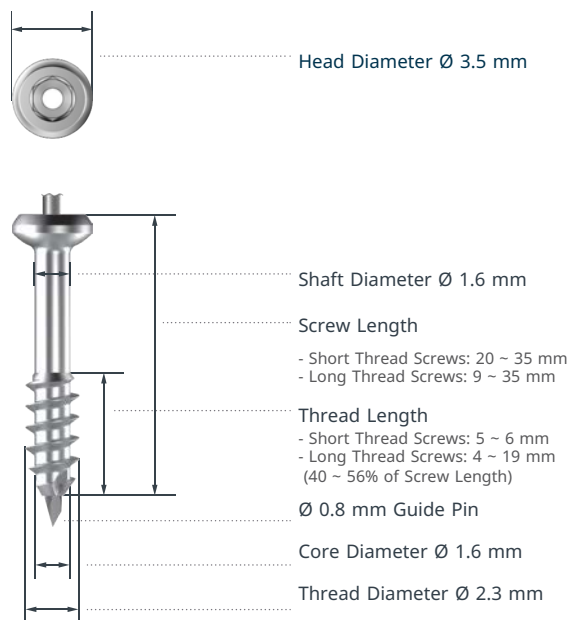


7. Cleaning Cannulated Instruments (Optional)

If you want cleaning hole of Cannulated Instruments (SO-112-65-901, SO-113-HF-901, SO-111-217, SO-111-218, SO-111-223), use the $\varnothing 3.0$ Stylus (SO-111-222).



2.3 Cannulated Screws



Short Thread Screw

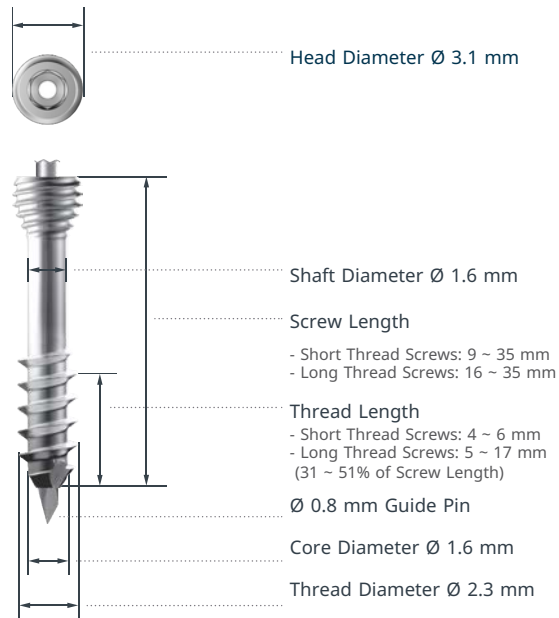
Long Thread Screw

[Unit: mm]

Code	Thread Length	Screw Length	Code	Thread Length	Screw Length	Code	Thread Length	Screw Length
SO-23-CS-020	5	20	SO-23-CS-009L	4	9	SO-23-CS-018L	9	18
SO-23-CS-022	5	22	SO-23-CS-010L	4	10	SO-23-CS-019L	9	19
SO-23-CS-024	6	24	SO-23-CS-011L	5	11	SO-23-CS-020L	9	20
SO-23-CS-026	6	26	SO-23-CS-012L	5	12	SO-23-CS-022L	10	22
SO-23-CS-028	6	28	SO-23-CS-013L	6	13	SO-23-CS-024L	10	24
SO-23-CS-030	6	30	SO-23-CS-014L	6	14	SO-23-CS-026L	12	26
SO-23-CS-035	6	35	SO-23-CS-015L	7	15	SO-23-CS-028L	12	28
			SO-23-CS-016L	7	16	SO-23-CS-030L	14	30
			SO-23-CS-017L	8	17	SO-23-CS-035L	19	35

Code	Description	Set Quantity
SO-23-CS-XXX	2.3 Cannulated Screws (3 pieces per length)	75

2.3 Cannulated Headless Screws



Short Thread Screw

Code	Thread Length	Screw Length
SO-23-CH-009	4	9
SO-23-CH-010	4	10
SO-23-CH-011	4	11
SO-23-CH-012	4	12
SO-23-CH-013	4	13
SO-23-CH-014	4	14
SO-23-CH-015	4	15
SO-23-CH-016	4	16
SO-23-CH-017	4	17
SO-23-CH-018	4	18
SO-23-CH-019	4	19
SO-23-CH-020	4	20

Long Thread Screw

[Unit: mm]

Code	Thread Length	Screw Length
SO-23-CH-021	4	21
SO-23-CH-022	4	22
SO-23-CH-023	4	23
SO-23-CH-024	4	24
SO-23-CH-025	5	25
SO-23-CH-026	5	26
SO-23-CH-027	6	27
SO-23-CH-028	6	28
SO-23-CH-029	6	29
SO-23-CH-030	6	30
SO-23-CH-035	6	35

Code	Thread Length	Screw Length
SO-23-CH-016L	5	16
SO-23-CH-017L	6	17
SO-23-CH-018L	6	18
SO-23-CH-019L	7	19
SO-23-CH-020L	7	20
SO-23-CH-022L	8	22
SO-23-CH-024L	8	24
SO-23-CH-026L	10	26
SO-23-CH-028L	10	28
SO-23-CH-030L	12	30
SO-23-CH-035L	17	35

Code	Description	Set Quantity
SO-23-CH-XXX	2.3 Cannulated Headless Screws (3 pieces per length)	102

2.3 Instruments

Screwdriver Handle



Code	Description	Set Quantity
SO-111-063	Screwdriver Handle	2

Screwdriver Shaft



Code	Description	Set Quantity
SO-113-HF-608	Hexagonal Screwdriver Shaft for Ø 2.3 mm Cannulated Screws	2

Drill Bit



Code	Description	Set Quantity
SO-112-23-702	Cannulated Drill Bit Ø 1.8 mm for Ø 2.3 mm Cannulated Screws (AO Type)	2

Cannulated Countersink Drill Bit



Code	Description	Set Quantity
SO-111-094	Cannulated Countersink Drill Bit	1

Drill Guide



Code	Description	Set Quantity
SO-111-093	Double Drill Guide for Ø 2.3 mm Screws	1

Cleaning Stylet



Code	Description	Set Quantity
SO-111-067-1	Cleaning Stylet Ø 0.8 mm	1

Guide Pin



Code	Description	Set Quantity
SO-111-068-1	Guide Pin Ø 0.8 mm for Ø 2.3 mm Screws	10

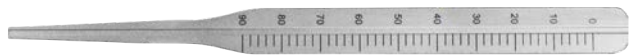
Dispenser



Code	Description	Set Quantity
SO-111-096-1	Dispenser	1

2.3 Instruments

Depth Gauge



Code	Description	Set Quantity
SO-111-061	Depth Gauge for Ø 2.3 / Ø 3.0 mm Screws, 0 ~ 50 mm	1

Forceps



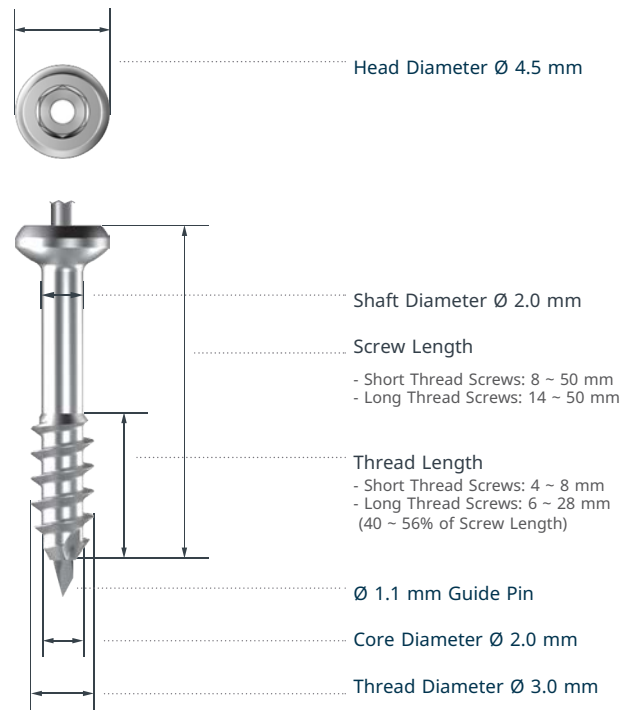
Code	Description	Set Quantity
SO-114-009	Grasping Forceps	1

Kit



Code	Description	Set Quantity
SO-910.14AS01	ARIX 2.3 Cannulated Screw System Kit	1

3.0 Cannulated Screws



Short Thread Screw

Code	Thread Length	Screw Length
SO-30-CS-008	4	8
SO-30-CS-009	4	9
SO-30-CS-010	4	10
SO-30-CS-011	4	11
SO-30-CS-012	4	12
SO-30-CS-013	4	13
SO-30-CS-014	4	14
SO-30-CS-015	4	15
SO-30-CS-016	4	16
SO-30-CS-017	4	17
SO-30-CS-018	5	18
SO-30-CS-019	5	19
SO-30-CS-020	5	20
SO-30-CS-021	5	21
SO-30-CS-022	5	22

Long Thread Screw

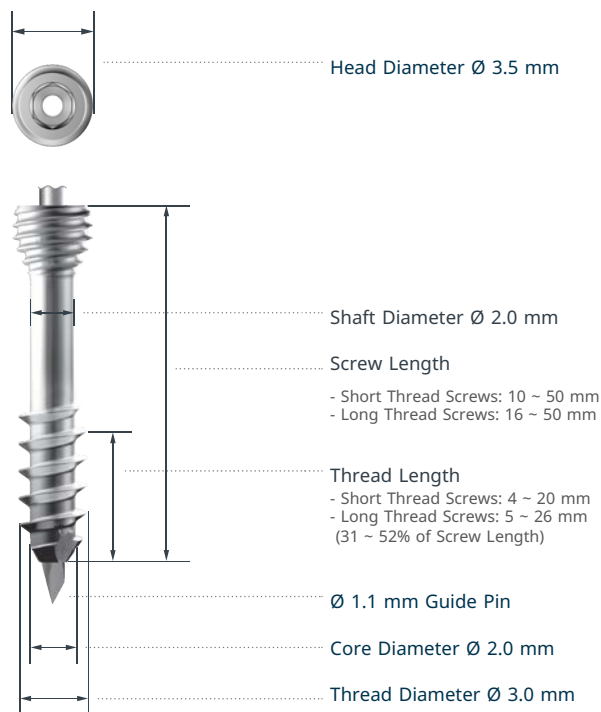
[Unit: mm]

Code	Thread Length	Screw Length
SO-30-CS-023	5	23
SO-30-CS-024	6	24
SO-30-CS-025	6	25
SO-30-CS-026	6	26
SO-30-CS-027	6	27
SO-30-CS-028	6	28
SO-30-CS-029	6	29
SO-30-CS-030	6	30
SO-30-CS-032	6	32
SO-30-CS-034	7	34
SO-30-CS-036	7	36
SO-30-CS-038	8	38
SO-30-CS-040	8	40
SO-30-CS-045	8	45
SO-30-CS-050	8	50

Code	Thread Length	Screw Length
SO-30-CS-014L	6	14
SO-30-CS-015L	7	15
SO-30-CS-016L	7	16
SO-30-CS-017L	8	17
SO-30-CS-018L	8	18
SO-30-CS-019L	9	19
SO-30-CS-020L	9	20
SO-30-CS-021L	9	21
SO-30-CS-022L	10	22
SO-30-CS-023L	10	23
SO-30-CS-024L	10	24
SO-30-CS-025L	10	25
SO-30-CS-026L	12	26
SO-30-CS-027L	12	27
SO-30-CS-028L	12	28
SO-30-CS-029L	12	29
SO-30-CS-030L	14	30
SO-30-CS-032L	14	32
SO-30-CS-034L	16	34
SO-30-CS-036L	16	36
SO-30-CS-038L	18	38
SO-30-CS-040L	18	40
SO-30-CS-045L	23	45
SO-30-CS-050L	28	50

Code	Description	Set Quantity
SO-30-CS-XXX	3.0 Cannulated Screws (3 pieces per length)	162

3.0 Cannulated Headless Screws



Short Thread Screw

Code	Thread Length	Screw Length
SO-30-CH-010	4	10
SO-30-CH-011	4	11
SO-30-CH-012	4	12
SO-30-CH-013	4	13
SO-30-CH-014	4	14
SO-30-CH-015	4	15
SO-30-CH-016	4	16
SO-30-CH-017	4	17
SO-30-CH-018	4	18
SO-30-CH-019	4	19
SO-30-CH-020	4	20
SO-30-CH-021	4	21
SO-30-CH-022	4	22
SO-30-CH-023	4	23

Long Thread Screw

[Unit: mm]

Code	Thread Length	Screw Length
SO-30-CH-024	5	24
SO-30-CH-025	5	25
SO-30-CH-026	5	26
SO-30-CH-027	6	27
SO-30-CH-028	6	28
SO-30-CH-029	6	29
SO-30-CH-030	7	30
SO-30-CH-032	7	32
SO-30-CH-034	8	34
SO-30-CH-036	9	36
SO-30-CH-038	9	38
SO-30-CH-040	10	40
SO-30-CH-045	15	45
SO-30-CH-050	20	50
SO-30-CH-016L	5	16
SO-30-CH-017L	6	17
SO-30-CH-018L	6	18
SO-30-CH-019L	7	19
SO-30-CH-020L	7	20
SO-30-CH-021L	8	21
SO-30-CH-022L	8	22
SO-30-CH-023L	8	23
SO-30-CH-024L	8	24
SO-30-CH-025L	8	25
SO-30-CH-026L	10	26
SO-30-CH-027L	10	27
SO-30-CH-028L	10	28
SO-30-CH-029L	10	29
SO-30-CH-030L	12	30
SO-30-CH-032L	12	32
SO-30-CH-034L	14	34
SO-30-CH-036L	14	36
SO-30-CH-038L	16	38
SO-30-CH-040L	16	40
SO-30-CH-045L	21	45
SO-30-CH-050L	26	50

Code	Description	Set Quantity
SO-30-CH-XXX	3.0 Cannulated Headless Screws (3 pieces per length)	150

3.0 Instruments

Screwdriver Handle



Code	Description	Set Quantity
SO-111-063	Screwdriver Handle	2

Screwdriver Shaft



Code	Description	Set Quantity
SO-113-HF-603	Cannulated Screwdriver Shaft for Ø 3.0 mm Screws	2

Drill Bit



Code	Description	Set Quantity
SO-112-30-701	Cannulated Drill Bit Ø 2.2 mm for Ø 3.0 mm Screws (AO Type)	2

Cannulated Countersink Drill Bit



Code	Description	Set Quantity
SO-111-072	Cannulated Countersink Drill Bit	1

3.0 Instruments

Drill Guide



Code	Description	Set Quantity
SO-111-057	Double Drill Guide for Ø 3.0 mm Screws	1

Cleaning Stylet



Code	Description	Set Quantity
SO-111-067-2	Cleaning Stylet Ø 1.1 mm	1

Guide Pin



Code	Description	Set Quantity
SO-111-068-2	Guide Pin Ø 1.1 mm for Ø 3.0 mm Screws	5

Depth Gauge



Code	Description	Set Quantity
SO-111-061	Depth Gauge for Ø 2.3 / Ø 3.0 mm Screws, 0 ~ 50 mm	1

Forceps



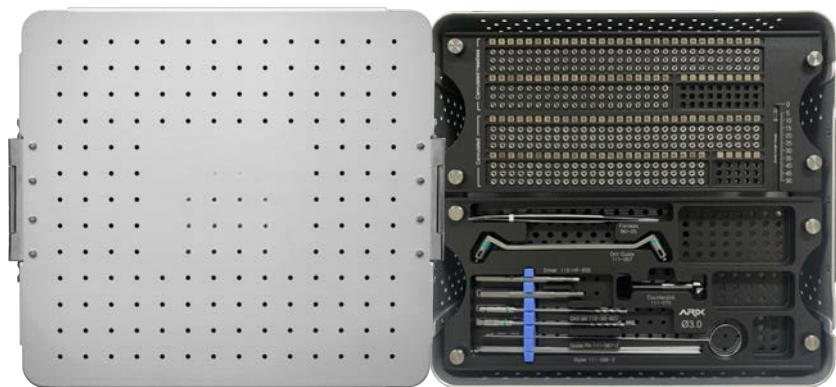
SO-111-064



SO-114-009

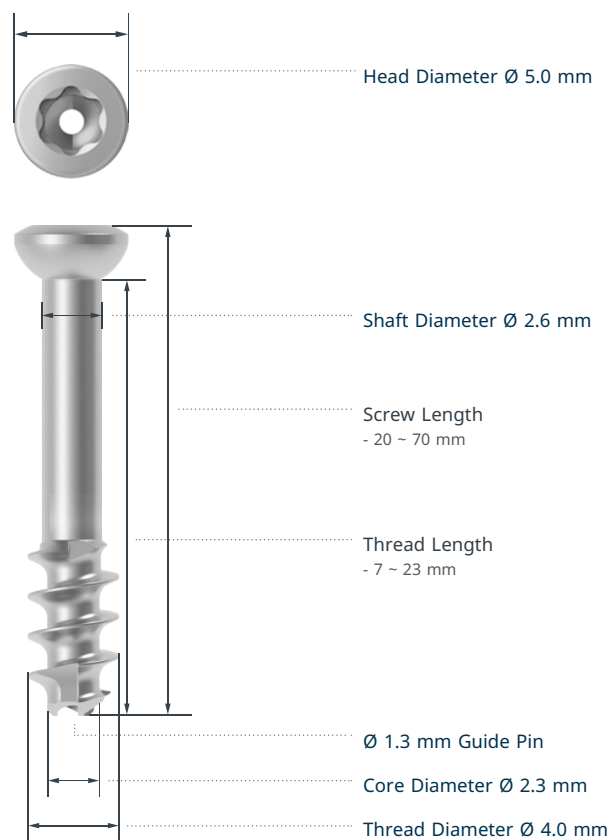
Code	Description	Set Quantity
SO-111-064	Screw Holding Forceps	1
SO-114-009	Grasping Forceps	1

Kit



Code	Description	Set Quantity
SO-111-074	SUMMA 3.0 Cannulated Screw Kit	1

4.0 Cannulated Screws



[Unit: mm]

Code	Thread Length	Screw Length	Code	Thread Length	Screw Length
SO-40-CO-020-T	7	20	SO-40-CO-042-T	14	42
SO-40-CO-022-T	7	22	SO-40-CO-046-T	15	46
SO-40-CO-024-T	8	24	SO-40-CO-050-T	16	50
SO-40-CO-026-T	9	26	SO-40-CO-054-T	18	54
SO-40-CO-028-T	9	28	SO-40-CO-058-T	19	58
SO-40-CO-030-T	10	30	SO-40-CO-062-T	21	62
SO-40-CO-034-T	11	34	SO-40-CO-066-T	22	66
SO-40-CO-038-T	12	38	SO-40-CO-070-T	23	70

4.0 Instruments

Screwdriver Handle



Code	Description	Set Quantity
SO-111-063	Screwdriver Handle	1

Driver



Code	Description	Set Quantity
SO-113-HF-617	T15 Driver Inner Hole Ø 1.4 mm	2

Drill Bit



Code	Description	Set Quantity
SO-112-40-701	Cannulated Drill Bit Ø 2.8 mm for Ø 4.0 mm Screws (AO Type)	2

Cannulated Countersink Drill Bit



Code	Description	Set Quantity
SO-111-072	Cannulated Countersink Drill Bit	1

4.0 Instruments

Drill Guide



Code	Description	Set Quantity
SO-111-098	Double Drill Guide for Ø 4.0 mm Screws	1

Cleaning Stylet



Code	Description	Set Quantity
SO-111-067-5	Cleaning Stylet Ø 1.3 mm	2

Guide Pin



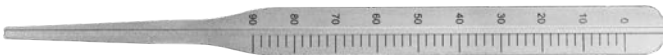
Code	Description	Set Quantity
SO-111-068-5	Guide Pin Ø 1.3 mm for Ø 4.0 mm Screws	10

Dispenser



Code	Description	Set Quantity
SO-111-096	Dispenser	1

Depth Gauge



Code	Description	Set Quantity
SO-111-062	Depth Gauge for Ø 4.0 mm Screws, 0 ~ 80 mm	1

Compression Washer



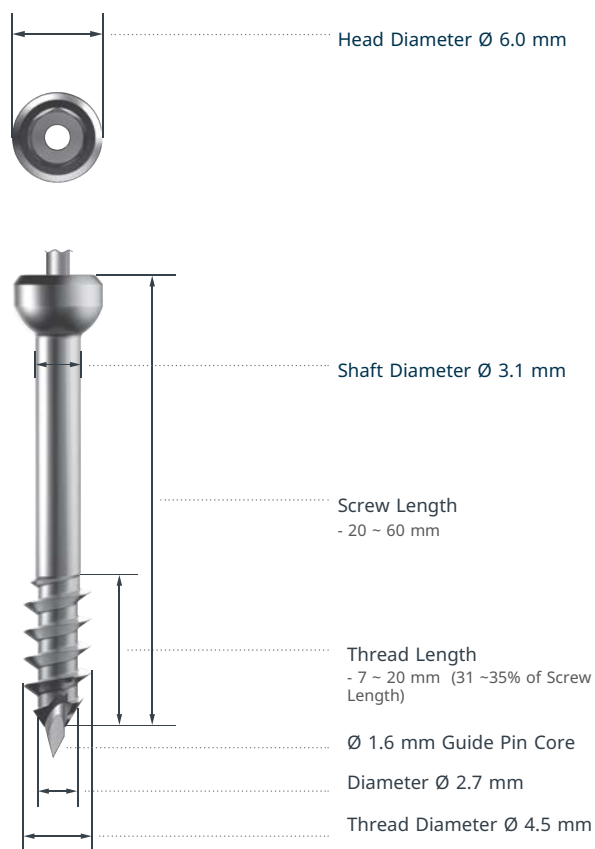
Code	Description	Set Quantity
SO-111-069-6	Compression Washer for Ø 4.0 mm Screws	6

Kit



Code	Description	Set Quantity
SO-112-120	SUMMA 4.0 Cannulated Screw System Kit	1

4.5 Cannulated Screws

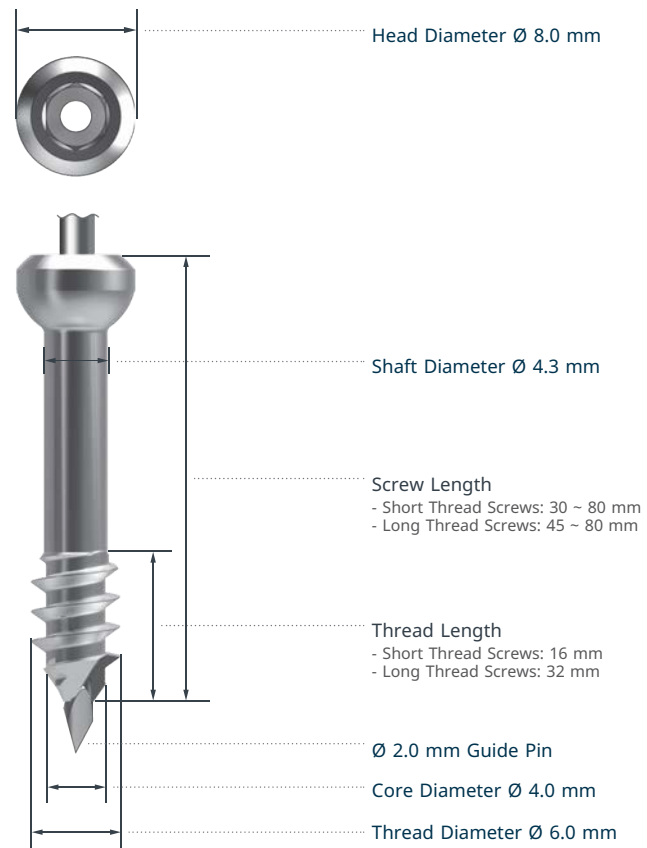


[Unit: mm]

Code	Thread Length	Screw Length	Code	Thread Length	Screw Length
SO-45-CS-020	7	20	SO-45-CS-040	13	40
SO-45-CS-022	7	22	SO-45-CS-042	14	42
SO-45-CS-024	8	24	SO-45-CS-044	15	44
SO-45-CS-026	9	26	SO-45-CS-046	15	46
SO-45-CS-028	9	28	SO-45-CS-048	16	48
SO-45-CS-030	10	30	SO-45-CS-050	17	50
SO-45-CS-032	11	32	SO-45-CS-052	17	52
SO-45-CS-034	11	34	SO-45-CS-054	18	54
SO-45-CS-036	12	36	SO-45-CS-056	19	56
SO-45-CS-038	13	38	SO-45-CS-060	20	60

Code	Description	Set Quantity
SO-45-CS-XXX	4.5 Cannulated Screws (3 pieces per length)	60

6.0 Cannulated Screws



Short Thread Screw

Code	Thread Length	Screw Length
SO-60-CS-030	16	30
SO-60-CS-035	16	35
SO-60-CS-040	16	40
SO-60-CS-045	16	45
SO-60-CS-050	16	50
SO-60-CS-055	16	55
SO-60-CS-060	16	60
SO-60-CS-065	16	65
SO-60-CS-070	16	70
SO-60-CS-075	16	75
SO-60-CS-080	16	80

Long Thread Screw

[Unit: mm]

Code	Thread Length	Screw Length
SO-60-CS-045L	32	45
SO-60-CS-050L	32	50
SO-60-CS-055L	32	55
SO-60-CS-060L	32	60
SO-60-CS-065L	32	65
SO-60-CS-070L	32	70
SO-60-CS-075L	32	75
SO-60-CS-080L	32	80

Code	Description	Set Quantity
SO-60-CS-XXX	6.0 Cannulated Screws (3 pieces per length)	57

4.5 / 6.0 Instruments

Screwdriver Handle



Code	Description	Set Quantity
SO-111-063	Screwdriver Handle	2

Cleaning Stylet



Code	Description	Set Quantity
SO-111-067-3	Cleaning Stylet Ø 1.6 mm	1
SO-111-067-4	Cleaning Stylet Ø 2.0 mm	1

Guide Pin



Code	Description	Set Quantity
SO-111-068-3	Guide Pin Ø 1.6 mm for Ø 4.5 mm Screws	3
SO-111-068-4	Guide Pin Ø 2.0 mm for Ø 4.5 mm Screws	3

Cannulated Countersink Drill Bit



Code	Description	Set Quantity
SO-111-072	Cannulated Countersink Drill Bit	1

Screwdriver Shaft



SO-113-HF-604



SO-113-HF-605

Code	Description	Set Quantity
SO-113-HF-604	Cannulated Screwdriver Shaft for Ø 4.5 mm Screws	2
SO-113-HF-605	Cannulated Screwdriver Shaft for Ø 6.0 mm Screws	2

Drill Bit



SO-112-45-601



SO-112-60-601

Code	Description	Set Quantity
SO-112-45-601	Cannulated Drill Bit Ø 3.5 mm for Ø 4.5 mm Screws(Drilling length: 85 mm, Overall length: 120 mm)	2
SO-112-60-601	Cannulated Drill Bit Ø 4.8 mm for Ø 6.0 mm Screws(Drilling length: 105 mm, Overall length: 140 mm)	2

Drill Guide



SO-111-058

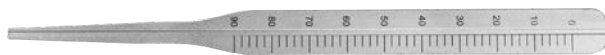


SO-111-059

Code	Description	Set Quantity
SO-111-058	Double Drill Guide for Ø 4.5 mm Screws	1
SO-111-059	Double Drill Guide for Ø 6.0 mm Screws	1

4.5 / 6.0 Instruments

Depth Gauge



Code	Description	Set Quantity
SO-111-062	Depth Gauge for Ø 4.5 / Ø 6.0 mm Screws, 0 ~ 80 mm	1

Compression Washer



SO-111-069-1



SO-111-069-2

Code	Description	Set Quantity
SO-111-069-1	Compression Washer for Ø 4.5 mm Screws	3
SO-111-069-2	Compression Washer for Ø 6.0 mm Screws	3

Forceps



SO-111-064



SO-114-009

Code	Description	Set Quantity
SO-111-064	Screw Holding Forceps	1
SO-114-009	Grasping Forceps	1

Kit



Code	Description	Set Quantity
SO-112-076	SUMMA 4.5 / 6.0 Cannulated Screw System Kit	1

2.3 Set Configuration

2.3 mm Cannulated Screws				2.3 mm Cannulated Headless Screws			
No.	Code	Description	Set Quantity	No.	Code	Description	Set Quantity
1	SO-23-CS-020	Short Thread Screw, Length 20 mm	3	1	SO-23-CH-009	Short Thread Screw, Length 9 mm	3
2	SO-23-CS-022	Short Thread Screw, Length 22 mm	3	2	SO-23-CH-010	Short Thread Screw, Length 10 mm	3
3	SO-23-CS-024	Short Thread Screw, Length 24 mm	3	3	SO-23-CH-011	Short Thread Screw, Length 11 mm	3
4	SO-23-CS-026	Short Thread Screw, Length 26 mm	3	4	SO-23-CH-012	Short Thread Screw, Length 12 mm	3
5	SO-23-CS-028	Short Thread Screw, Length 28 mm	3	5	SO-23-CH-013	Short Thread Screw, Length 13 mm	3
6	SO-23-CS-030	Short Thread Screw, Length 30 mm	3	6	SO-23-CH-014	Short Thread Screw, Length 14 mm	3
7	SO-23-CS-035	Short Thread Screw, Length 35 mm	3	7	SO-23-CH-015	Short Thread Screw, Length 15 mm	3
8	SO-23-CS-009L	Long Thread Screw, Length 9 mm	3	8	SO-23-CH-016	Short Thread Screw, Length 16 mm	3
9	SO-23-CS-010L	Long Thread Screw, Length 10 mm	3	9	SO-23-CH-017	Short Thread Screw, Length 17 mm	3
10	SO-23-CS-011L	Long Thread Screw, Length 11 mm	3	10	SO-23-CH-018	Short Thread Screw, Length 18 mm	3
11	SO-23-CS-012L	Long Thread Screw, Length 12 mm	3	11	SO-23-CH-019	Short Thread Screw, Length 19 mm	3
12	SO-23-CS-013L	Long Thread Screw, Length 13 mm	3	12	SO-23-CH-020	Short Thread Screw, Length 20 mm	3
13	SO-23-CS-014L	Long Thread Screw, Length 14 mm	3	13	SO-23-CH-021	Short Thread Screw, Length 21 mm	3
14	SO-23-CS-015L	Long Thread Screw, Length 15 mm	3	14	SO-23-CH-022	Short Thread Screw, Length 22 mm	3
15	SO-23-CS-016L	Long Thread Screw, Length 16 mm	3	15	SO-23-CH-023	Short Thread Screw, Length 23 mm	3
16	SO-23-CS-017L	Long Thread Screw, Length 17 mm	3	16	SO-23-CH-024	Short Thread Screw, Length 24 mm	3
17	SO-23-CS-018L	Long Thread Screw, Length 18mm	3	17	SO-23-CH-025	Short Thread Screw, Length 25 mm	3
18	SO-23-CS-019L	Long Thread Screw, Length 19 mm	3	18	SO-23-CH-026	Short Thread Screw, Length 26 mm	3
19	SO-23-CS-020L	Long Thread Screw, Length 20 mm	3	19	SO-23-CH-027	Short Thread Screw, Length 27 mm	3
20	SO-23-CS-022L	Long Thread Screw, Length 22 mm	3	20	SO-23-CH-028	Short Thread Screw, Length 28 mm	3
21	SO-23-CS-024L	Long Thread Screw, Length 24 mm	3	21	SO-23-CH-029	Short Thread Screw, Length 29 mm	3
22	SO-23-CS-026L	Long Thread Screw, Length 26 mm	3	22	SO-23-CH-030	Short Thread Screw, Length 30 mm	3
23	SO-23-CS-028L	Long Thread Screw, Length 28 mm	3	23	SO-23-CH-035	Short Thread Screw, Length 35 mm	3
24	SO-23-CS-030L	Long Thread Screw, Length 30 mm	3	24	SO-23-CH-016L	Long Thread Screw, Length 16 mm	3
25	SO-23-CS-035L	Long Thread Screw, Length 35 mm	3	25	SO-23-CH-017L	Long Thread Screw, Length 17 mm	3
				26	SO-23-CH-018L	Long Thread Screw, Length 18 mm	3
				27	SO-23-CH-019L	Long Thread Screw, Length 19 mm	3
				28	SO-23-CH-020L	Long Thread Screw, Length 20 mm	3
				29	SO-23-CH-022L	Long Thread Screw, Length 22 mm	3
				30	SO-23-CH-024L	Long Thread Screw, Length 24 mm	3
				31	SO-23-CH-026L	Long Thread Screw, Length 26 mm	3
				32	SO-23-CH-028L	Long Thread Screw, Length 28 mm	3
				33	SO-23-CH-030L	Long Thread Screw, Length 30 mm	3
				34	SO-23-CH-035L	Long Thread Screw, Length 35 mm	3

Instruments			
No.	Code	Description	Set Quantity
1	SO-910.14AS01	SUMMA 2.3 Cannulated Screw System Tray	1
2	SO-112-23-702	Cannulated Drill Bit Ø 1.8 mm for Ø 2.3 mm Cannulated Screws (AO Type)	2
3	SO-113-HF-608	Hexagonal Screwdriver Shaft for Ø 2.3 mm Cannulated Screws	2
4	SO-111-094	Cannulated Countersink Drill Bit	1
5	SO-111-063	Screwdriver Handle	2
6	SO-111-061	Depth Gauge for Ø 2.3 / Ø 3.0 mm Screws, 0 ~ 50 mm	1
7	SO-111-067-1	Cleaning Stylet Ø 0.8 mm	1
8	SO-111-068-1	Guide Pin Ø 0.8 mm for Ø 2.3 mm Screws	10
9	SO-111-096-1	Dispenser	1
10	SO-114-009	Grasping Forceps	1
11	SO-111-093	Double Drill Guide for Ø 2.3 mm Screws	1

3.0 Set Configuration

3.0 mm Cannulated Screws				3.0 mm Headless Cannulated Screws			
No.	Code	Description	Set Quantity	No.	Code	Description	Set Quantity
1	SO-30-CS-008	Short Thread Screw, Length 8 mm	3	1	SO-30-CH-010	Short Thread Screw, Length 10 mm	3
2	SO-30-CS-009	Short Thread Screw, Length 9 mm	3	2	SO-30-CH-011	Short Thread Screw, Length 11 mm	3
3	SO-30-CS-010	Short Thread Screw, Length 10 mm	3	3	SO-30-CH-012	Short Thread Screw, Length 12 mm	3
4	SO-30-CS-011	Short Thread Screw, Length 11 mm	3	4	SO-30-CH-013	Short Thread Screw, Length 13 mm	3
5	SO-30-CS-012	Short Thread Screw, Length 12 mm	3	5	SO-30-CH-014	Short Thread Screw, Length 14 mm	3
6	SO-30-CS-013	Short Thread Screw, Length 13 mm	3	6	SO-30-CH-015	Short Thread Screw, Length 15 mm	3
7	SO-30-CS-014	Short Thread Screw, Length 14 mm	3	7	SO-30-CH-016	Short Thread Screw, Length 16 mm	3
8	SO-30-CS-015	Short Thread Screw, Length 15 mm	3	8	SO-30-CH-017	Short Thread Screw, Length 17 mm	3
9	SO-30-CS-016	Short Thread Screw, Length 16 mm	3	9	SO-30-CH-018	Short Thread Screw, Length 18 mm	3
10	SO-30-CS-017	Short Thread Screw, Length 17 mm	3	10	SO-30-CH-019	Short Thread Screw, Length 19 mm	3
11	SO-30-CS-018	Short Thread Screw, Length 18 mm	3	11	SO-30-CH-020	Short Thread Screw, Length 20 mm	3
12	SO-30-CS-019	Short Thread Screw, Length 19 mm	3	12	SO-30-CH-021	Short Thread Screw, Length 21 mm	3
13	SO-30-CS-020	Short Thread Screw, Length 20 mm	3	13	SO-30-CH-022	Short Thread Screw, Length 22 mm	3
14	SO-30-CS-021	Short Thread Screw, Length 21 mm	3	14	SO-30-CH-023	Short Thread Screw, Length 23 mm	3
15	SO-30-CS-022	Short Thread Screw, Length 22 mm	3	15	SO-30-CH-024	Short Thread Screw, Length 24 mm	3
16	SO-30-CS-023	Short Thread Screw, Length 23 mm	3	16	SO-30-CH-025	Short Thread Screw, Length 25mm	3
17	SO-30-CS-024	Short Thread Screw, Length 24 mm	3	17	SO-30-CH-026	Short Thread Screw, Length 26 mm	3
18	SO-30-CS-025	Short Thread Screw, Length 25 mm	3	18	SO-30-CH-027	Short Thread Screw, Length 27 mm	3
19	SO-30-CS-026	Short Thread Screw, Length 26 mm	3	19	SO-30-CH-028	Short Thread Screw, Length 28 mm	3
20	SO-30-CS-027	Short Thread Screw, Length 27 mm	3	20	SO-30-CH-029	Short Thread Screw, Length 29 mm	3
21	SO-30-CS-028	Short Thread Screw, Length 28 mm	3	21	SO-30-CH-030	Short Thread Screw, Length 30 mm	3
22	SO-30-CS-029	Short Thread Screw, Length 29 mm	3	22	SO-30-CH-032	Short Thread Screw, Length 32 mm	3
23	SO-30-CS-030	Short Thread Screw, Length 30 mm	3	23	SO-30-CH-034	Short Thread Screw, Length 34 mm	3
24	SO-30-CS-032	Short Thread Screw, Length 32 mm	3	24	SO-30-CH-036	Short Thread Screw, Length 36 mm	3
25	SO-30-CS-034	Short Thread Screw, Length 34 mm	3	25	SO-30-CH-038	Short Thread Screw, Length 38 mm	3
26	SO-30-CS-036	Short Thread Screw, Length 36 mm	3	26	SO-30-CH-040	Short Thread Screw, Length 40 mm	3
27	SO-30-CS-038	Short Thread Screw, Length 38 mm	3	27	SO-30-CH-045	Short Thread Screw, Length 45 mm	3
28	SO-30-CS-040	Short Thread Screw, Length 40 mm	3	28	SO-30-CH-050	Short Thread Screw, Length 50 mm	3
29	SO-30-CS-045	Short Thread Screw, Length 45 mm	3	29	SO-30-CH-016L	Long Thread Screw, Length 16 mm	3
30	SO-30-CS-050	Short Thread Screw, Length 50 mm	3	30	SO-30-CH-017L	Long Thread Screw, Length 17 mm	3
31	SO-30-CS-014L	Long Thread Screw, Length 14 mm	3	31	SO-30-CH-018L	Long Thread Screw, Length 18 mm	3
32	SO-30-CS-015L	Long Thread Screw, Length 15 mm	3	32	SO-30-CH-019L	Long Thread Screw, Length 19 mm	3
33	SO-30-CS-016L	Long Thread Screw, Length 16 mm	3	33	SO-30-CH-020L	Long Thread Screw, Length 20 mm	3
34	SO-30-CS-017L	Long Thread Screw, Length 17 mm	3	34	SO-30-CH-021L	Long Thread Screw, Length 21 mm	3
35	SO-30-CS-018L	Long Thread Screw, Length 18 mm	3	35	SO-30-CH-022L	Long Thread Screw, Length 22 mm	3
36	SO-30-CS-019L	Long Thread Screw, Length 19 mm	3	36	SO-30-CH-023L	Long Thread Screw, Length 23 mm	3
37	SO-30-CS-020L	Long Thread Screw, Length 20 mm	3	37	SO-30-CH-024L	Long Thread Screw, Length 24 mm	3
38	SO-30-CS-021L	Long Thread Screw, Length 21 mm	3	38	SO-30-CH-025L	Long Thread Screw, Length 25 mm	3
39	SO-30-CS-022L	Long Thread Screw, Length 22 mm	3	39	SO-30-CH-026L	Long Thread Screw, Length 26 mm	3
40	SO-30-CS-023L	Long Thread Screw, Length 23 mm	3	40	SO-30-CH-027L	Long Thread Screw, Length 27 mm	3
41	SO-30-CS-024L	Long Thread Screw, Length 24 mm	3	41	SO-30-CH-028L	Long Thread Screw, Length 28 mm	3
42	SO-30-CS-025L	Long Thread Screw, Length 25 mm	3	42	SO-30-CH-029L	Long Thread Screw, Length 29 mm	3
43	SO-30-CS-026L	Long Thread Screw, Length 26 mm	3	43	SO-30-CH-030L	Long Thread Screw, Length 30 mm	3
44	SO-30-CS-027L	Long Thread Screw, Length 27 mm	3	44	SO-30-CH-032L	Long Thread Screw, Length 32 mm	3
45	SO-30-CS-028L	Long Thread Screw, Length 28 mm	3	45	SO-30-CH-034L	Long Thread Screw, Length 34 mm	3
46	SO-30-CS-029L	Long Thread Screw, Length 29 mm	3	46	SO-30-CH-036L	Long Thread Screw, Length 36 mm	3
47	SO-30-CS-030L	Long Thread Screw, Length 30 mm	3	47	SO-30-CH-038L	Long Thread Screw, Length 38 mm	3
48	SO-30-CS-032L	Long Thread Screw, Length 32 mm	3	48	SO-30-CH-040L	Long Thread Screw, Length 40 mm	3
49	SO-30-CS-034L	Long Thread Screw, Length 34 mm	3	49	SO-30-CH-045L	Long Thread Screw, Length 45 mm	3
50	SO-30-CS-036L	Long Thread Screw, Length 36 mm	3	50	SO-30-CH-050L	Long Thread Screw, Length 50 mm	3
51	SO-30-CS-038L	Long Thread Screw, Length 38 mm	3				
52	SO-30-CS-040L	Long Thread Screw, Length 40 mm	3				
53	SO-30-CS-045L	Long Thread Screw, Length 45 mm	3				
54	SO-30-CS-050L	Long Thread Screw, Length 50 mm	3				

3.0 Set Configuration

Instruments			
No.	Code	Description	Set Quantity
1	SO-112-074	SUMMA 3.0 Cannulated Screw System Tray	1
2	SO-112-30-701	Cannulated Drill Bit Ø 2.2 mm for Ø 3.0 mm Screws (AO Type)	2
3	SO-113-HF-603	Cannulated Screwdriver Shaft for Ø 3.0 mm Screws	2
4	SO-111-072	Cannulated Countersink Drill Bit	1
5	SO-111-063	Screwdriver Handle	2
6	SO-111-068-2	Guide Pin Ø 1.1mm for Ø 3.0 mm Screws	5
7	SO-111-061	Depth Gauge for Ø 2.3 / Ø 3.0 mm Screws, 0 ~ 50 mm	1
8	SO-111-067-2	Cleaning Stylet Ø 1.1 mm	1
9	SO-111-064	Screw Holding Forceps	1
10	SO-114-009	Grasping Forceps	1
11	SO-111-057	Double Drill Guide for Ø 3.0 mm Screws	1

4.0 Set Configuration

4.0 mm Cannulated Screws			
No.	Code	Description	Set Quantity
1	SO-40-CO-020-T	Length 20 mm	4
2	SO-40-CO-022-T	Length 22 mm	4
3	SO-40-CO-024-T	Length 24 mm	4
4	SO-40-CO-026-T	Length 26 mm	4
5	SO-40-CO-028-T	Length 28 mm	4
6	SO-40-CO-030-T	Length 30 mm	4
7	SO-40-CO-034-T	Length 34 mm	4
8	SO-40-CO-038-T	Length 38 mm	4
9	SO-40-CO-042-T	Length 42 mm	4
10	SO-40-CO-046-T	Length 46 mm	4
11	SO-40-CO-050-T	Length 50 mm	4
12	SO-40-CO-054-T	Length 54 mm	4
13	SO-40-CO-058-T	Length 58 mm	4
14	SO-40-CO-062-T	Length 62 mm	4
15	SO-40-CO-066-T	Length 66 mm	4
16	SO-40-CO-070-T	Length 70 mm	4

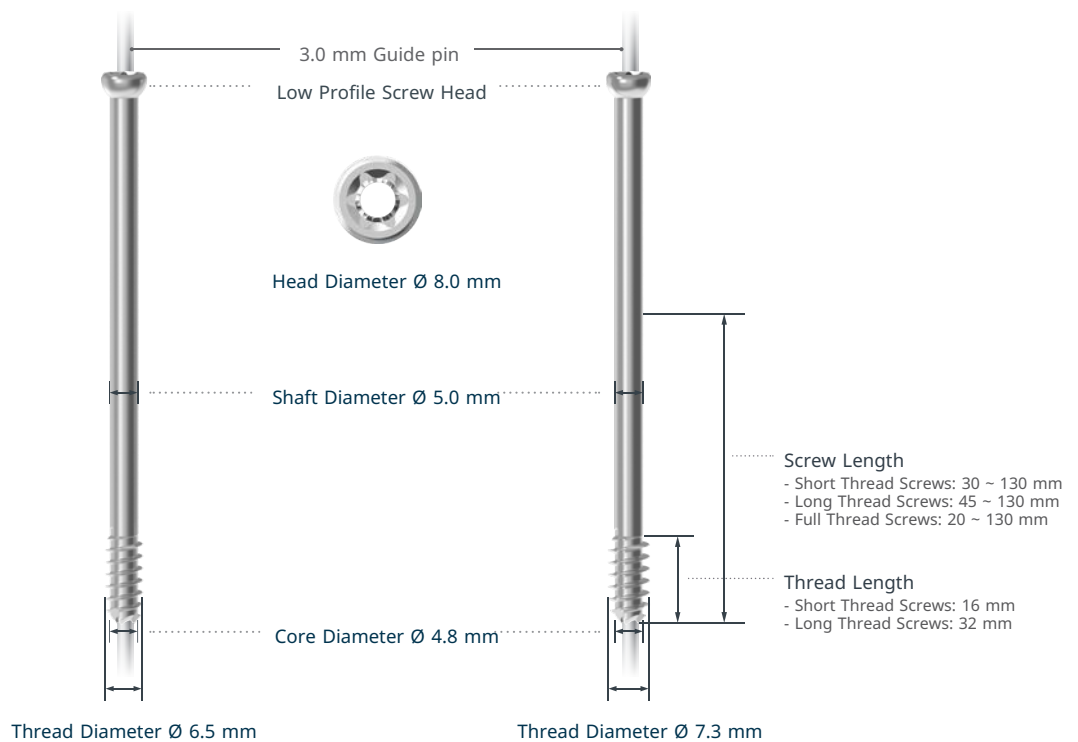
Instruments			
No.	Code	Description	Set Quantity
1	SO-112-120	SUMMA 4.0 Cannulated Screw System Tray	1
2	SO-112-40-701	Cannulated Drill Bit Ø 2.8 mm for Ø 4.0 mm Cannulated Screw (AO Type)	2
3	SO-113-HF-617	T15 Driver Inner Hole Ø 1.4 mm	2
4	SO-111-072	Cannulated Countersink Drill Bit	1
5	SO-111-063	Screwdriver Handle	1
6	SO-111-062	Depth Gauge for Ø 4.0 mm Cannulated Screws	1
7	SO-111-098	Drill Guide for Ø 4.0 mm Cannulated Screws	1
8	SO-111-068-5	Guide Pin Ø 1.3 mm for Ø 4.0 mm Cannulated Screws	10
9	SO-111-067-5	Cleaning Stylet Ø 1.3 mm	2
10	SO-111-069-6	Compression Washer for Ø 4.0 mm Screws	6
11	SO-111-096	Dispenser	1

4.5 / 6.0 Set Configuration

4.5 mm Cannulated Screws				6.0 mm Cannulated Screws			
No.	Code	Description	Set Quantity	No.	Code	Description	Set Quantity
1	SO-45-CS-020	Length 20 mm	3	1	SO-60-CS-030	Short Thread Screw, Length 30 mm	3
2	SO-45-CS-022	Length 22 mm	3	2	SO-60-CS-035	Short Thread Screw, Length 35 mm	3
3	SO-45-CS-024	Length 24 mm	3	3	SO-60-CS-040	Short Thread Screw, Length 40 mm	3
4	SO-45-CS-026	Length 26 mm	3	4	SO-60-CS-045	Short Thread Screw, Length 45 mm	3
5	SO-45-CS-028	Length 28 mm	3	5	SO-60-CS-050	Short Thread Screw, Length 50 mm	3
6	SO-45-CS-030	Length 30 mm	3	6	SO-60-CS-055	Short Thread Screw, Length 55 mm	3
7	SO-45-CS-032	Length 32 mm	3	7	SO-60-CS-060	Short Thread Screw, Length 60 mm	3
8	SO-45-CS-034	Length 34 mm	3	8	SO-60-CS-065	Short Thread Screw, Length 65 mm	3
9	SO-45-CS-036	Length 36 mm	3	9	SO-60-CS-070	Short Thread Screw, Length 70 mm	3
10	SO-45-CS-038	Length 38 mm	3	10	SO-60-CS-075	Short Thread Screw, Length 75 mm	3
11	SO-45-CS-040	Length 40 mm	3	11	SO-60-CS-080	Short Thread Screw, Length 80 mm	3
12	SO-45-CS-042	Length 42 mm	3	12	SO-60-CS-045L	Long Thread Screw, Length 45 mm	3
13	SO-45-CS-044	Length 44 mm	3	13	SO-60-CS-050L	Long Thread Screw, Length 50 mm	3
14	SO-45-CS-046	Length 46 mm	3	14	SO-60-CS-055L	Long Thread Screw, Length 55 mm	3
15	SO-45-CS-048	Length 48 mm	3	15	SO-60-CS-060L	Long Thread Screw, Length 60 mm	3
16	SO-45-CS-050	Length 50 mm	3	16	SO-60-CS-065L	Long Thread Screw, Length 65 mm	3
17	SO-45-CS-052	Length 52 mm	3	17	SO-60-CS-070L	Long Thread Screw, Length 70 mm	3
18	SO-45-CS-054	Length 54 mm	3	18	SO-60-CS-075L	Long Thread Screw, Length 75 mm	3
19	SO-45-CS-056	Length 56 mm	3	19	SO-60-CS-080L	Long Thread Screw, Length 80 mm	3
20	SO-45-CS-060	Length 60 mm	3				

Instruments			
No.	Code	Description	Set Quantity
1	SO-112-076	SUMMA 4.5 / 6.0 Cannulated Screw System Tray	1
2	SO-112-45-601	Cannulated Drill Bit Ø 3.5 mm for Ø 4.5 mm Screws(Drilling length: 85 mm, Overall length: 120 mm)	2
3	SO-112-60-601	Cannulated Drill Bit Ø 4.8 mm for Ø 6.0 mm Screws(Drilling length: 105 mm, Overall length: 140 mm)	2
4	SO-113-HF-604	Cannulated Screwdriver Shaft for Ø 4.5 mm Screws	2
5	SO-113-HF-605	Cannulated Screwdriver Shaft for Ø 6.0 mm Screws	2
6	SO-111-063	Screwdriver Handle	2
7	SO-111-068-3	Guide Pin Ø 1.6 mm for Ø 4.5 mm Screws	3
8	SO-111-068-4	Guide Pin Ø 2.0 mm for Ø 6.0 mm Screws	3
9	SO-111-062	Depth Gauge for Ø 4.5 / Ø 6.0 mm Screws, 0 ~ 80 mm	1
10	SO-111-067-3	Cleaning Stylet Ø 1.6 mm	1
11	SO-111-067-4	Cleaning Stylet Ø 2.0 mm	1
12	SO-111-064	Screw Holding Forceps	1
13	SO-114-009	Grasping Forceps	1
14	SO-111-072	Cannulated Countersink Drill Bit	1
15	SO-111-069-1	Compression Washer for Ø 4.5 mm Screws	3
16	SO-111-069-2	Compression Washer for Ø 6.0 mm Screws	3
17	SO-111-058	Double Drill Guide for Ø 4.5 mm Screws	1
18	SO-111-059	Double Drill Guide for Ø 6.0 mm Screws	1

6.5 / 7.3 Cannulated Headless Screws



Thread Lengths	Code	Description	Length
 16 mm Thread	SO-65-CO-XXX-T	Ø6.5 Cannulated Screw Short Thread	30~130 mm
	SO-73-CO-XXX-T	Ø7.3 Cannulated Screw Short Thread	30~130 mm
 32 mm Thread	SO-65-CO-XXX-TL	Ø6.5 Cannulated Screw Long Thread	45~130 mm
	SO-73-CO-XXX-TL	Ø7.3 Cannulated Screw Long Thread	45~130 mm
 Fully Threaded	SO-65-CO-XXX-TF	Ø6.5 Cannulated Screw Full Thread	20~130 mm
	SO-73-CO-XXX-TF	Ø7.3 Cannulated Screw Full Thread	20~130 mm

6.5 / 7.3 Instruments

Drill Bit



Code	Description	Set Quantity
SO-112-65-901	Drill Bit for Ø6.5, Ø7.3 3-Jaw Cannulated	1

Dispenser



SO-111-224-A



SO-111-224-B



SO-111-224-C

Code	Description	Set Quantity
111-224-A	Dispenser For Ø3.0 Trocar Tip	1
111-224-B	Dispenser For Ø 3.0 Threaded Tip	1
111-224-C	Dispenser For Ø3.0 Drill Tip	1 (Optional)

Depth Gauge



Code	Description	Set Quantity
SO-111-219	Depth Gauge for Ø6.5, Ø7.3 20130(Black)	1

Countersink



Code	Description	Set Quantity
SO-111-223	Countersink for Ø6.5, Ø7.3 3-jaw Cannulated	1

Countersink



Code	Description	Set Quantity
SO-111-222	Cleaning Stylet Ø3.0	1

Guide Pin



SO-111-217



SO-111-221-1



SO-111-221-2



SO-111-221-3

Code	Description	Set Quantity
SO-111-217	Guide for Ø3.0 Guide Pin	2
SO-111-221-1	Ø3.0 Guide Pin 300mm	5
SO-111-221-2	Ø3.0 Threaded Tip Guide Pin 300mm	5
SO-111-221-3	Ø3.0 Drill Tip Guide Pin 300mm	5 (Optional)

6.5 / 7.3 Instruments

Driver



SO-113-HF-901



SO-113-HF-902

Code	Description	Set Quantity
113-HF-901	Driver for T30 Ball 189mm Cannulated	2
113-HF-902	Driver for T30 Ball 189mm	1

Guide



SO-111-216



SO-111-218

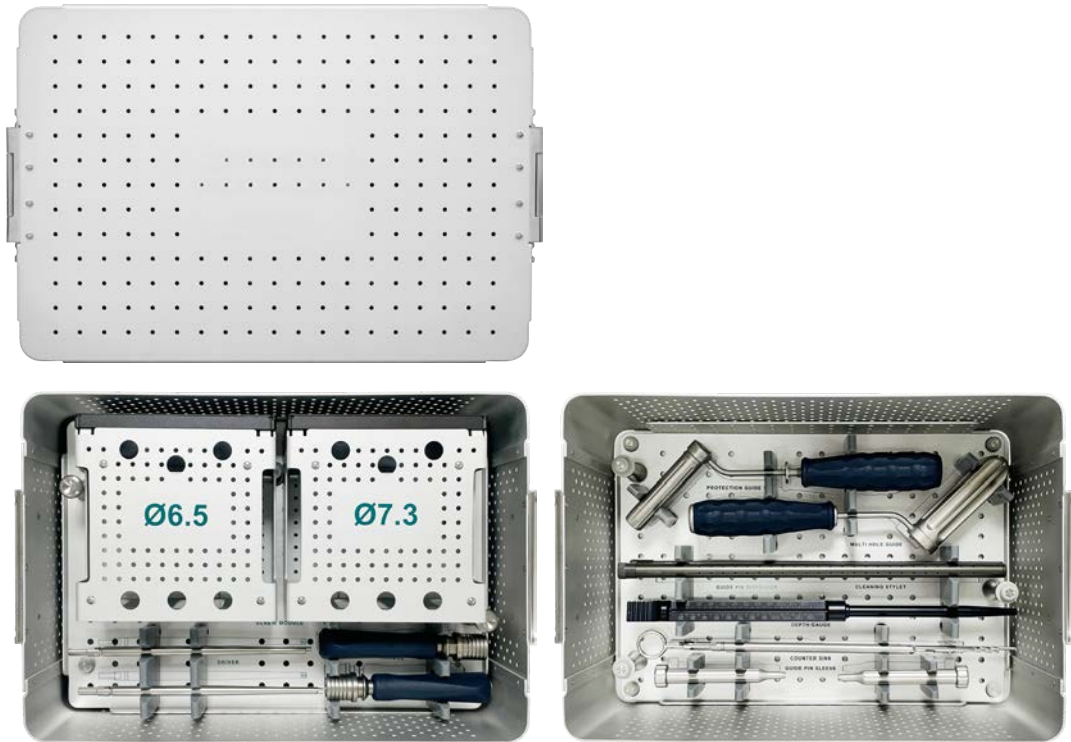
Code	Description	Set Quantity
111-216	Guide for Ø13.0 Guide Pin Sleeve	1
111-218	Guide For Ø3.0 Guide Pin (Multi)	1

Handle



Code	Description	Set Quantity
SO-111-469	Handle For Driver Ø7.8 Ball	2

Kit



Code	Description	Set Quantity
SO-112-128	Ø6.5 / Ø7.3 Cannulated Screw Kit	1

6.5 / 7.3 Set Configuration

6.5 mm Cannulated Screws					7.3 mm Cannulated Screws				
No.	Code	Description	Set Quantity		No.	Code	Description	Set Quantity	
1	SO-65-CO-055-T	Ø6.5 nonlocking cannulated, normal, T30, 55mm	3		1	SO-73-CO-055-T	Ø7.3 nonlocking cannulated, normal, T30, 55mm	3	
2	SO-65-CO-060-T	Ø6.5 nonlocking cannulated, normal, T30, 60mm	3		2	SO-73-CO-060-T	Ø7.3 nonlocking cannulated, normal, T30, 60mm	3	
3	SO-65-CO-065-T	Ø6.5 nonlocking cannulated, normal, T30, 65mm	3		3	SO-73-CO-065-T	Ø7.3 nonlocking cannulated, normal, T30, 65mm	3	
4	SO-65-CO-070-T	Ø6.5 nonlocking cannulated, normal, T30, 70mm	3		4	SO-73-CO-070-T	Ø7.3 nonlocking cannulated, normal, T30, 70mm	3	
5	SO-65-CO-075-T	Ø6.5 nonlocking cannulated, normal, T30, 75mm	3		5	SO-73-CO-075-T	Ø7.3 nonlocking cannulated, normal, T30, 75mm	3	
6	SO-65-CO-080-T	Ø6.5 nonlocking cannulated, normal, T30, 80mm	3		6	SO-73-CO-080-T	Ø7.3 nonlocking cannulated, normal, T30, 80mm	3	
7	SO-65-CO-085-T	Ø6.5 nonlocking cannulated, normal, T30, 85mm	3		7	SO-73-CO-085-T	Ø7.3 nonlocking cannulated, normal, T30, 85mm	3	
8	SO-65-CO-090-T	Ø6.5 nonlocking cannulated, normal, T30, 90mm	3		8	SO-73-CO-090-T	Ø7.3 nonlocking cannulated, normal, T30, 90mm	3	
9	SO-65-CO-095-T	Ø6.5 nonlocking cannulated, normal, T30, 95mm	3		9	SO-73-CO-095-T	Ø7.3 nonlocking cannulated, normal, T30, 95mm	3	
10	SO-65-CO-100-T	Ø6.5 nonlocking cannulated, normal, T30, 100mm	3		10	SO-73-CO-100-T	Ø7.3 nonlocking cannulated, normal, T30, 100mm	3	
11	SO-65-CO-105-T	Ø6.5 nonlocking cannulated, normal, T30, 105mm	3		11	SO-73-CO-105-T	Ø7.3 nonlocking cannulated, normal, T30, 105mm	3	
12	SO-65-CO-110-T	Ø6.5 nonlocking cannulated, normal, T30, 110mm	2		12	SO-73-CO-110-T	Ø7.3 nonlocking cannulated, normal, T30, 110mm	2	
13	SO-65-CO-055-TL	Ø6.5 nonlocking cannulated, long, T30, 55mm	3		13	SO-73-CO-055-TL	Ø7.3 nonlocking cannulated, long, T30, 55mm	3	
14	SO-65-CO-060-TL	Ø6.5 nonlocking cannulated, long, T30, 60mm	3		14	SO-73-CO-060-TL	Ø7.3 nonlocking cannulated, long, T30, 60mm	3	
15	SO-65-CO-065-TL	Ø6.5 nonlocking cannulated, long, T30, 65mm	3		15	SO-73-CO-065-TL	Ø7.3 nonlocking cannulated, long, T30, 65mm	3	
16	SO-65-CO-070-TL	Ø6.5 nonlocking cannulated, long, T30, 70mm	3		16	SO-73-CO-070-TL	Ø7.3 nonlocking cannulated, long, T30, 70mm	3	
17	SO-65-CO-075-TL	Ø6.5 nonlocking cannulated, long, T30, 75mm	3		17	SO-73-CO-075-TL	Ø7.3 nonlocking cannulated, long, T30, 75mm	3	
18	SO-65-CO-080-TL	Ø6.5 nonlocking cannulated, long, T30, 80mm	3		18	SO-73-CO-080-TL	Ø7.3 nonlocking cannulated, long, T30, 80mm	3	
19	SO-65-CO-085-TL	Ø6.5 nonlocking cannulated, long, T30, 85mm	3		19	SO-73-CO-085-TL	Ø7.3 nonlocking cannulated, long, T30, 85mm	3	
20	SO-65-CO-090-TL	Ø6.5 nonlocking cannulated, long, T30, 90mm	3		20	SO-73-CO-090-TL	Ø7.3 nonlocking cannulated, long, T30, 90mm	3	
21	SO-65-CO-095-TL	Ø6.5 nonlocking cannulated, long, T30, 95mm	3		21	SO-73-CO-095-TL	Ø7.3 nonlocking cannulated, long, T30, 95mm	3	
22	SO-65-CO-100-TL	Ø6.5 nonlocking cannulated, long, T30, 100mm	3		22	SO-73-CO-100-TL	Ø7.3 nonlocking cannulated, long, T30, 100mm	3	
23	SO-65-CO-105-TL	Ø6.5 nonlocking cannulated, long, T30, 105mm	3		23	SO-73-CO-105-TL	Ø7.3 nonlocking cannulated, long, T30, 105mm	3	
24	SO-65-CO-110-TL	Ø6.5 nonlocking cannulated, long, T30, 110mm	2		24	SO-73-CO-110-TL	Ø7.3 nonlocking cannulated, long, T30, 110mm	2	

Instruments				
No.	Code	Description	Set Quantity	
1	SO-111-221-1	Ø3.0 Guide Pin 300mm	5	
2	SO-111-221-2	Ø3.0 Threaded Tip Guide Pin 300mm	5	
3	SO-111-221-3	Ø3.0 Drill Tip Guide Pin 300mm	5 (Optional)	
4	SO-111-222	Cleaning Stylet Ø3.0	1	
5	SO-111-216	Guide for Ø13.0 Guide Pin Sleeve	1	
6	SO-111-217	Guide for Ø3.0 Guide Pin	2	
7	SO-111-219	Depth Gauge for Ø6.5, Ø7.3 20130(Black)	1	
8	SO-111-218	Guide for Ø3.0 Guide Pin(Multi)	1	
9	SO-111- 4 69	Handle for Driver Ø7.8 Ball	2	
10	SO-111-224-A	Dispenser For Ø3.0 Trocar Tip	1	
11	SO-111-224-B	Dispenser For Ø3.0 Threaded Tip	1	
12	SO-111-224-C	Dispenser For Ø3.0 Drill Tip	1 (Optional)	
13	SO-113-HF-901	Driver for T30 Ball 189mm Cannulated	2	
14	SO-113-HF-902	Driver for T30 Ball 189mm	1	
15	SO-112-65-901	Drill Bit for Ø6.5, Ø7.3 3-Jaw Cannulated	1	
16	SO-111-223	Countersink for Ø6.5, Ø7.3 3-Jaw Cannulated	1	
17	SO-111- 069 -13	Ø6.5, Ø7.3_washer_Ø13.0	6	
18	SO-112-128	Ø6.5, Ø7.3 Cannulated Screw Kit	1	

I Reference Chart



Reference Chart - Guide Pins / Drill Bits

2.3 Cannulated Screws

	2.3 mm Cannulated Screw		2.3 mm Cannulated Headless Screw	
Head Diameter Shaft	Ø 3.5 mm		Ø 3.1 mm	
Diameter Core	Ø 1.6 mm		Ø 1.6 mm	
Diameter Thread	Ø 1.6 mm		Ø 1.6 mm	
Diameter	Ø 2.3 mm		Ø 2.3 mm	
Screw Length Range	Short Thread Screw	20 ~ 35 mm	Short Thread Screw	9 ~ 35 mm
	Long Thread Screw	9 ~ 35 mm	Long Thread Screw	16 ~ 35 mm
Thread Length Range	Short Thread Screw	5 ~ 6 mm	Short Thread Screw	4 ~ 6 mm
	Long Thread Screw	4 ~ 19 mm	Long Thread Screw	5 ~ 17 mm
Guide Pin	Ø 0.8 mm		Ø 0.8 mm	
Drill Bit	Ø 1.8 mm		Ø 1.8 mm	

3.0 Cannulated Screws

	3.0 mm Cannulated Screw		3.0 mm Cannulated Headless Screw	
Head Diameter Shaft	Ø 4.5 mm		Ø 3.5 mm	
Diameter Core	Ø 2.0 mm		Ø 2.0 mm	
Diameter Thread	Ø 2.0 mm		Ø 2.0 mm	
Diameter	Ø 3.0 mm		Ø 3.0 mm	
Screw Length Range	Short Thread Screw	8 ~ 50 mm	Short Thread Screw	10 ~ 50 mm
	Long Thread Screw	14 ~ 50 mm	Long Thread Screw	16 ~ 50 mm
Thread Length Range	Short Thread Screw	4 ~ 8 mm	Short Thread Screw	4 ~ 20 mm
	Long Thread Screw	6 ~ 28 mm	Long Thread Screw	5 ~ 26 mm
Guide Pin	Ø 1.1 mm		Ø 1.1 mm	
Drill Bit	Ø 2.2 mm		Ø 2.2 mm	

4.0 Cannulated Screws

	4.0 mm Cannulated Screw	
Head Diameter Shaft	Ø 5.0 mm	
Diameter Core	Ø 2.6 mm	
Diameter Thread	Ø 2.3 mm	
Diameter Screw	Ø 4.0 mm	
Length Range	20 ~ 70 mm	
Thread Length	7 ~ 23 mm	
Range Guide Pin	Ø 1.3 mm	
Drill Bit	Ø 2.8 mm	

4.5 / 6.0 Cannulated Screws

	4.5 mm Cannulated Screw	6.0 mm Cannulated Screw
Head Diameter Shaft	Ø 6.0 mm	Ø 8.0 mm
Diameter Core	Ø 3.1 mm	Ø 4.3 mm
Diameter Thread	Ø 2.7 mm	Ø 4.0 mm
Diameter	Ø 4.5 mm	Ø 6.0 mm
Screw Length Range	20 ~ 60 mm	Short Thread Screw 30 ~ 80 mm
		Long Thread Screw 45 ~ 80 mm
Thread Length Range	7 ~ 20 mm	Short Thread Screw 16 mm
		Long Thread Screw 32 mm
Guide Pin	Ø 1.6 mm	Ø 2.0 mm
Drill Bit	Ø 3.5 mm	Ø 4.8 mm

6.5 / 7.3 Cannulated Screws

	6.5 mm Cannulated Screw	7.3 mm Cannulated Screw
Head Diameter	Ø 8.0 mm	Ø 8.0 mm
Shaft Diameter	Ø 5.0 mm	Ø 5.0 mm
Core Diameter	Ø 4.8 mm	Ø 4.8 mm
Thread Diameter	Ø 6.5 mm	Ø 7.3 mm
Screw Length Range	Short Thread Screw 30~130 mm	Short Thread Screw 30~130 mm
	Long Thread Screw 45~130 mm	Long Thread Screw 45~130 mm
	Full Thread Screw 20~130 mm	Full Thread Screw 20~130 mm
Thread Length Range	Short Thread Screw 16 mm	Short Thread Screw 16 mm
	Long Thread Screw 32 mm	Long Thread Screw 32 mm
Guide Pin	Ø 3.0 mm	Ø 3.0 mm
Drill Bit	Ø 5.1 mm	Ø 5.1 mm

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