



# Product Catalog

2023

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## UNIVERSAL HIP SYSTEM

The Universal Hip system utilizes a metal-on-polyethylene bearing surface with a cobalt chrome Femoral Head and a Poly-XVE™ CFX® Acetabular Cup, or titanium BFX® Acetabular Cup with a Poly-XVE™ Liner. This highly cross-linked polyethylene infused with Vitamin E mitigates polyethylene wear to increase implant longevity.

### Implant System

Both applications use the same primary surgical steps, providing the option to press-fit or cement into the same acetabular or femoral preparation. With a common head, implants are interchangeable between the two systems, allowing for hybrid fixation; meaning it is possible to cement one component and press-fit the other. Both BFX and CFX implants are available in a broad range of sizes. This combination of interchangeability and multiple implant sizes provides clinical options for the surgeon to resolve hip reconstruction problems in a wide range of dog sizes and breeds.

### Instrument System

One set of instruments - the Universal Hip Basic Preparation Instrument Set - provides a common accurate preparation for either cementing CFX components or press-fitting BFX components. Supplement Instrument sets are required for use with CFX, Large Breed, and Lateral Bolt implants.

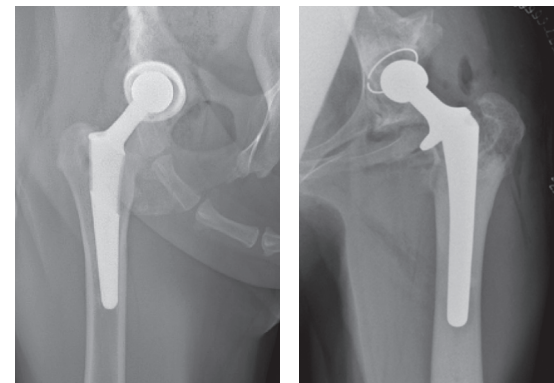
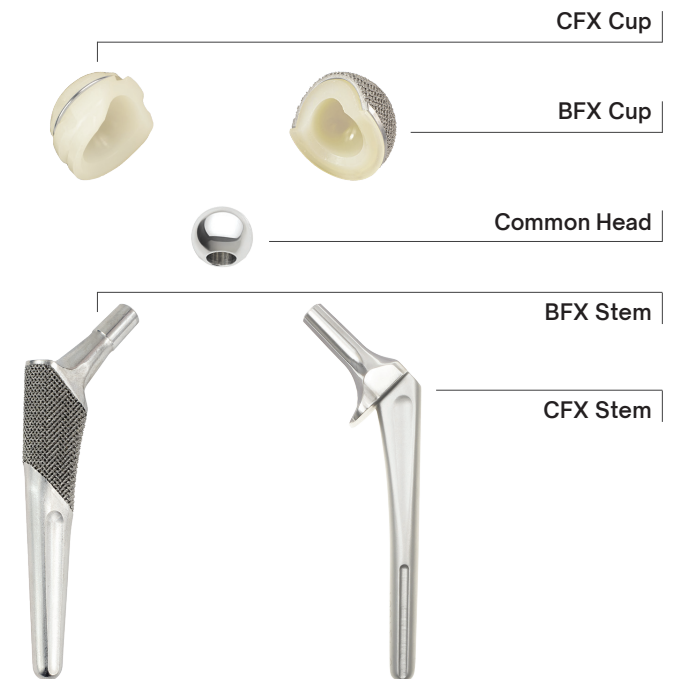
### Surgical Technique

The operative technique for BFX and CFX is identical for all primary surgical steps. The decision to use cement or biologic fixation is preferably made prior to surgery and varies with surgeon experience, preference and the morphology of the patient's bone.

### Workshops

Workshops are regularly scheduled for the Universal Hip System. For more information, please visit [education.movora.com](http://education.movora.com)

U.S. Patents #7,547,328; #7,169,185; #9,730,798; #10,166,107; #8,986,392; Additional Patents Pending



# UNIVERSAL HIP IMPLANT COMPATIBILITY CHART

## COMPATIBILITY COLOR GUIDE



Products listed in the color blocks above are interchangeable only within their specified color block. They cannot be combined with products in other color blocks.

## SMALL BREEDS

MONOBLOCK STEM/HEAD				CUP		
CFX <sup>®</sup>				CFX	6 MM I.D.	BFX
#1 +0	#2 +0	#3 +0	One-piece stem/head Maximum patient weight: 20 lbs (9.0 kgs)	10 mm		10 mm
#1 +2	#2 +2	#3 +2				
#1 +4	#2 +4	#3 +4				

STEM	HEAD	CUP		
CFX #2 #3 Maximum patient weight: 40 lbs (18.2 kgs)	8 mm +0 8 mm +2 8 mm +5	CFX 12 mm 14 mm 16 mm	8 mm I.D.	BFX 12 mm 14 mm 16 mm

## STANDARD & LARGE BREED

STEM		HEAD	CUP		
CFX #4 Maximum patient weight: 60 lbs (27.3 kgs)	BFX <sup>®</sup> #4 Maximum patient weight: 30 lbs (13.6 kgs)	12 mm +0 12 mm +3 12 mm +6	CFX 18 mm	12 mm I.D.	BFX 18 mm 20 mm 22 mm

CFX #4 / #5 #4 stem / #5 neck Maximum patient weight: 80 lbs (36.4 kgs)	BFX	13 mm +1 13 mm +3 13 mm +5 13 mm +7	CFX 19 mm	13 mm I.D.	BFX 18 mm* 20 mm
					<i>*Special order only, subject to availability and manufacturing lead time.</i>
#5	#5	14 mm +1 14 mm +3 14 mm +5 14 mm +7	20 mm	14 mm I.D.	22 mm
#6	#6				
#7	#7				
#8	#8	17 mm +0 17 mm +3 17 mm +6 17 mm +9 17 mm +13	23 mm 25 mm 27 mm	17 mm I.D.	24 mm 26 mm 28 mm
#9	#9				
#10	#10				
	#11				
	#12	22 mm +0 22 mm +3 22 mm +6 22 mm +9	29 mm 31 mm	22 mm I.D.	30 mm 32 mm 34 mm 36 mm 38 mm 40 mm 42 mm
	#13				


# UNIVERSAL HIP IMPLANTS

## INSTRUMENT SET COLOR GUIDE

### Small Breeds

 Small Breeds Instrument Set

### Standard Breeds

 Basic Preparation Instrument Set

 Large Breeds Supplement Instrument Set

 CFX Supplement Instrument Set

 Lateral Bolt Supplement Instrument Set

### BFX® Femoral Stem

ITEM #	SIZE
10-201-4	#4
10-201-5	#5
10-201-6	#6
10-201-7	#7
10-201-8	#8
10-201-9	#9
10-201-10	#10
10-201-11	#11
10-201-12	#12



### Collared Femoral Stem

ITEM #	SIZE
10-202-6	#6
10-202-7	#7
10-202-8	#8
10-202-9	#9
10-202-10S	#10S*
10-202-11S	#11S*
10-202-12S	#12S*
10-202-13	#13**



\* Short Neck  
\*\* Requires Additional Size-Specific Instruments

### CFX Monoblock Femoral Stem

ITEM #	SIZE
C4-001-1-0	#1 + 0
C4-001-1-2	#1 + 2
C4-001-1-4	#1 + 4
C4-001-2-0	#2 + 0
C4-001-2-2	#2 + 2
C4-001-2-4	#2 + 4
C4-001-3-0	#3 + 0
C4-001-3-2	#3 + 2
C4-001-3-4	#3 + 4

### CFX® Femoral Stem

ITEM #	SIZE
C4-001-2	#2
C4-001-3	#3
C4-001-4	#4
C4-001-45*	#4/5
C4-001-5	#5
C4-001-6	#6
C4-001-7	#7
C4-001-8	#8
C4-001-9	#9
C4-001-10	#10



\* #4 Stem w/ #5 Collar, Neck, & Taper

### BFX Lateral Bolt Femoral Stem

ITEM #	SIZE
10-250-5	#5
10-250-6	#6
10-250-7	#7
10-250-8	#8
10-250-9	#9
10-250-10S	#10S*
10-250-11S	#11S*
10-250-12S	#12*
10-250-13	#13**



\* Short Neck  
\*\* Requires Additional Size-Specific Instruments

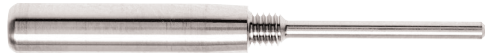
#13 BFX Lateral Bolt and Collared Femoral Stem implants are special order only, and subject to availability and manufacturing lead time.

# UNIVERSAL HIP IMPLANTS

## Lateral Bolt For BFX Lateral Bolt Femoral Stem

ITEM #	BOLT LENGTH	STEM SIZES
10-255-0506-08	8 mm	5-6
10-255-0506-10	10 mm	5-6
10-255-0506-12	12 mm	5-6
10-255-0506-14	14 mm	5-6
10-255-0506-16	16 mm	5-6
10-255-0712-08	8 mm	7-12
10-255-0712-10	10 mm	7-12
10-255-0712-12	12 mm	7-12
10-255-0712-14	14 mm	7-12
10-255-0712-16	16 mm	7-12
10-255-0712-18	18mm	7-12
10-255-0712-20	20mm	7-12
10-255-0712-22	22 mm	7-12
10-255-13-10	10 mm	13**
10-255-13-12	12 mm	13**
10-255-13-14	14 mm	13**
10-255-13-16	16 mm	13**
10-255-13-18	18 mm	13**
10-255-13-20	20 mm	13**
10-255-13-22	22 mm	13**
10-255-13-24	24 mm	13**

\*\* Requires additional size-specific instruments.  
Special order only, subject to availability and manufacturing lead time.



## CFX Cup with Poly-XV<sup>®</sup>

ITEM #	SIZES
4-30-10-6	10 mm (6 mm I.D.)
4-30-12-8	12 mm (8 mm I.D.)
4-30-14-8	14 mm (8 mm I.D.)
4-30-16-8	16 mm (8 mm I.D.)
4-30-18-12	18 mm (12 mm I.D.)
4-30-19-13	19 mm (13 mm I.D.)
4-30-20-14	20 mm (14 mm I.D.)
4-30-23-17	23 mm (17 mm I.D.)
4-30-25-17	25 mm (17 mm I.D.)
4-30-27-17	27 mm (17 mm I.D.)
4-30-29-22	29 mm (22 mm I.D.)
4-30-31-22	31 mm (22 mm I.D.)



## BFX<sup>®</sup> Acetabular Cup with Poly-XV<sup>®</sup>

ITEM #	SIZES
10-30-10-6	10 mm (6 mm I.D.)
10-30-12-8	12 mm (8 mm I.D.)
10-30-14-8	14 mm (8 mm I.D.)
10-30-16-8	16 mm (8 mm I.D.)
10-30-18-12	18 mm (12 mm I.D.)
10-30-18-13	18 mm (13 mm I.D.)**
10-30-20-12	20 mm (12 mm I.D.)
10-30-20-13	20 mm (13 mm I.D.)
10-30-22-12	22 mm (12 mm I.D.)
10-30-22-14	22 mm (14 mm I.D.)
10-30-24-17	24 mm (17 mm I.D.)
10-30-26-17	26 mm (17 mm I.D.)
10-30-28-17	28 mm (17 mm I.D.)
10-30-30-22	30 mm (22 mm I.D.)
10-30-32-22	32 mm (22 mm I.D.)
10-30-34-22	34 mm (22 mm I.D.)
10-30-36-22	36 mm (22 mm I.D.)**
10-30-38-22	38 mm (22 mm I.D.)**
10-30-40-22	40 mm (22 mm I.D.)**
10-30-42-22	42 mm (22 mm I.D.)**

\*\* Requires additional size-specific instruments. Special order only, subject to availability and manufacturing lead time.



## Femoral Head (BFX/CFX)

ITEM #	SIZES
4-002-08-0	8 mm + 0
4-002-08-2	8 mm + 2
4-002-08-5	8 mm + 5
4-002-12-0	12 mm + 0
4-002-12-3	12 mm + 3
4-002-12-6	12 mm + 6
4-002-13-1	13 mm + 1
4-002-13-3	13 mm + 3
4-002-13-5	13 mm + 5
4-002-13-7	13 mm + 7
4-002-14-1	14 mm + 1
4-002-14-3	14 mm + 3
4-002-14-5	14 mm + 5
4-002-14-7	14 mm + 7
4-002-16-0	16 mm + 0*
4-002-16-3	16 mm + 3*
4-002-16-6	16 mm + 6*
4-002-16-9	16 mm + 9*
4-002-17-0	17 mm + 0
4-002-17-3	17 mm + 3
4-002-17-6	17 mm + 6
4-002-17-9	17 mm + 9
4-002-17-13	17 mm + 13
4-002-19-0	19 mm + 0*
4-002-19-3	19 mm + 3*
4-002-19-6	19 mm + 6*
4-002-19-9	19 mm + 9*
4-002-22-0	22 mm + 0
4-002-22-3	22 mm + 3
4-002-22-6	22 mm + 6
4-002-22-9	22 mm + 9

\* These heads are designed to fit KYON's Zurich Cementless Acetabular Cups.




# UNIVERSAL HIP ANTIMICROBIAL IMPLANTS

## INSTRUMENT SET COLOR GUIDE

### Small Breeds

 Small Breeds Instrument Set

### Standard Breeds

 Basic Preparation Instrument Set

 Large Breeds Supplement Instrument Set

 CFX Supplement Instrument Set

 Lateral Bolt Supplement Instrument Set

## HyProtect™ BFX® Lateral Bolt Femoral Stem

ITEM #	SIZE
10-260-5	#5
10-260-6	#6
10-260-7	#7
10-260-8	#8
10-260-9	#9
10-260-10S	#10S*
10-260-11S	#11S*
10-260-12S	#12S*
10-260-13	#13**



\* Short Neck

\*\* Requires additional size-specific instruments.  
*Special order only, subject to availability and manufacturing lead time.*

## HyProtect™ BFX® Acetabular Cup w/ Poly-XVE™

ITEM #	SIZE
10-60-20-13	20 mm (13 mm I.D.)
10-60-22-14	22 mm (14 mm I.D.)
10-60-24-17	24 mm (17 mm I.D.)
10-60-26-17	26 mm (17 mm I.D.)
10-60-28-17	28 mm (17 mm I.D.)
10-60-30-22	30 mm (22 mm I.D.)
10-60-32-22	32 mm (22 mm I.D.)
10-60-34-22	34 mm (22 mm I.D.)



## HyProtect Lateral Bolt for BFX Lateral Bolt Femoral Stem

ITEM #	BOLT LENGTH	STEM SIZES
10-265-0506-08	8 mm	5-6
10-265-0506-10	10 mm	5-6
10-265-0506-12	12 mm	5-6
10-265-0506-14	14 mm	5-6
10-265-0506-16	16 mm	5-6
10-265-0712-08	8 mm	7-12
10-265-0712-10	10 mm	7-12
10-265-0712-12	12 mm	7-12
10-265-0712-14	14 mm	7-12
10-265-0712-16	16 mm	7-12
10-265-0712-18	18mm	7-12
10-265-0712-20	20mm	7-12
10-265-0712-22	22 mm	7-12
10-265-13-10	10 mm	13**
10-265-13-12	12 mm	13**
10-265-13-14	14 mm	13**
10-265-13-16	16 mm	13**
10-265-13-18	18 mm	13**
10-265-13-20	20 mm	13**
10-265-13-22	22 mm	13**

\*\* Requires additional size-specific instruments.

*Special order only, subject to availability and manufacturing lead time.*



## Poly-XVE™ Revision Liner for BFX Acetabular Cup

ITEM #	SIZE
10-33-20-12	20 mm (12 mm I.D.)
10-33-20-13	20 mm (13 mm I.D.)
10-33-22-12	22 mm (12 mm I.D.)
10-33-22-14	22 mm (14 mm I.D.)
10-33-24-17	24 mm (17 mm I.D.)
10-33-26-17	26 mm (17 mm I.D.)
10-33-28-17	28 mm (17 mm I.D.)
10-33-30-22	30 mm (22 mm I.D.)
10-33-32-22	32 mm (22 mm I.D.)
10-33-34-22	34 mm (22 mm I.D.)



**Poly-XVE revision liners are special order only and are subject to availability and manufacturing lead time.**

**#13 BFX Lateral Bolt and Collared Femoral Stem implants are special order only, and subject to availability and manufacturing lead time.**

## BioMedtrix and KYON Hip Replacement Compatibility

BioMedtrix’s Universal Hip System is now dimensionally compatible with KYON’s Zurich Cementless THR System and vice-versa. The primary application for such a cross-over are revision surgeries or because of special anatomical requirements. Long-term clinical data to prove the safety and efficacy is still pending. The following configurations are possible when the special diameter heads are used:

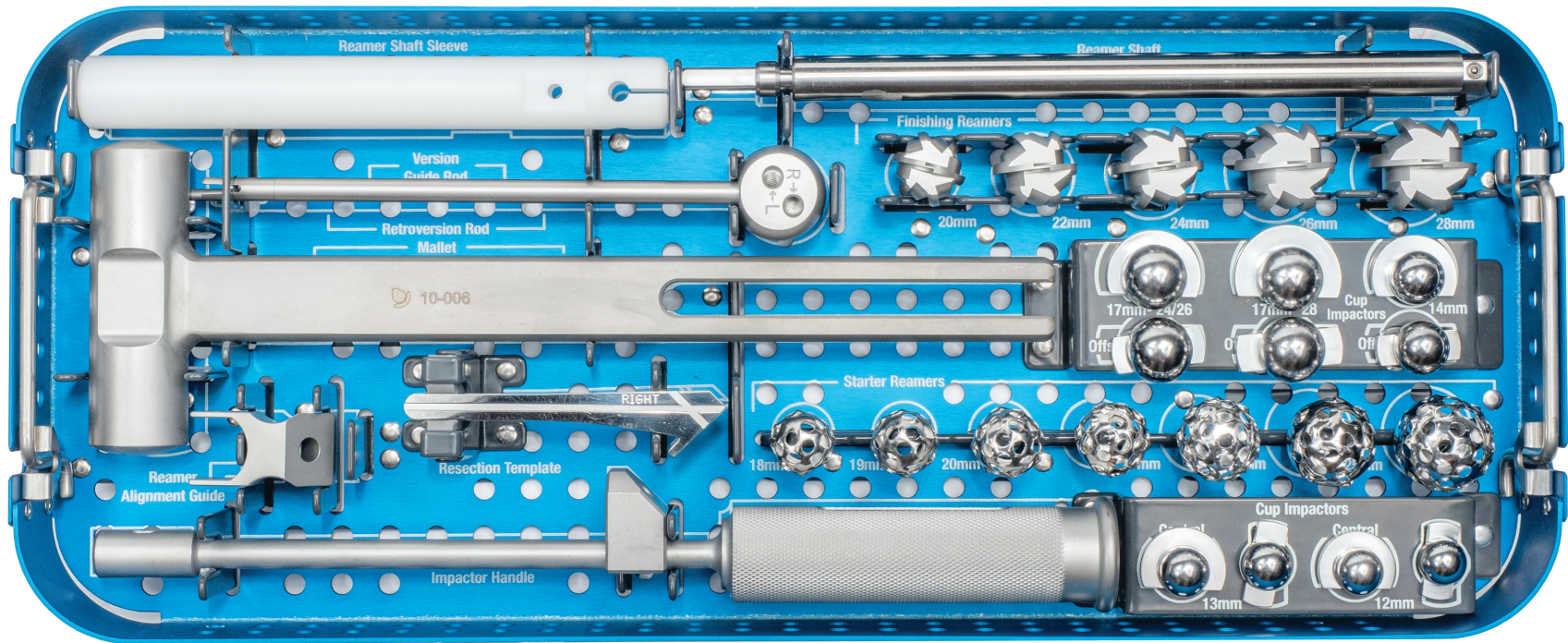
- Stem, Neck and Head (17mm/22mm) from KYON with BFX® or CFX® Cups from BioMedtrix
- Stem and Head from BioMedtrix (16mm/19mm with offsets) from BioMedtrix with Cups from KYON.



Item #	Product	
01.26.17	Ceramic Head 17mm	KYON
01.26.22	Ceramic Head 22mm	
4-002-16-0	16mm + 0 Femoral Head	BioMedtrix
4-002-16-3	16mm + 3 Femoral Head	
4-002-16-6	16mm + 6 Femoral Head	
4-002-16-9	16mm + 9 Femoral Head	
4-002-19-0	19mm + 0 Femoral Head	
4-002-29-3	19mm + 3 Femoral Head	
4-002-29-6	19mm + 6 Femoral Head	
4-002-29-9	19mm + 9 Femoral Head	



# BASIC PREPARATION INSTRUMENT SET - TOP TRAY



## Universal Hip Basic Preparation Instrument Set ITEM # 10-2001

### INSTRUMENT CALIBRATION RECOMMENDATION

INSTRUMENT SET	MAX. CASES
Universal Hip Basic Preparation	25



# BASIC PREPARATION INSTRUMENT SET - TOP TRAY

## Cup Impactor

ITEM #	SIZE
10-007-5-12	12 mm (20 mm O.D.) Central
10-007-6-12	12 mm (20 mm O.D.) Offset
10-007-5-13	13 mm (20 mm O.D.) Central
10-007-6-13	13 mm (20 mm O.D.) Offset
10-007-5-14	14 mm (22 mm O.D.) Central
10-007-6-14	14 mm (22 mm O.D.) Offset
10-007-5-17	17 mm (24/26 mm O.D.) Central
10-007-6-17	17 mm (24/26 mm O.D.) Offset
10-007-5-28-17	17 mm (28 mm O.D.) Central
10-007-6-28-17	17 mm (28 mm O.D.) Offset

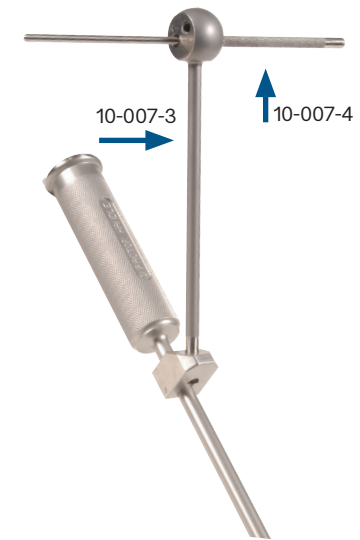


## Acetabular Finishing Reamer

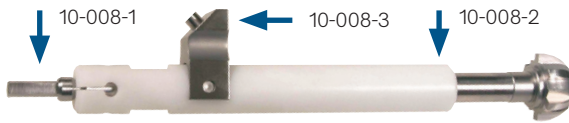
ITEM #	SIZE
10-018-20	20 mm
10-018-22	22 mm
10-018-24	24 mm
10-018-26	26 mm
10-018-28	28 mm



ITEM #	PRODUCT
10-007-1	Impactor Handle
10-007-3	Version Guide Rod
10-007-4	Retroversion Rod



ITEM #	PRODUCT
10-008-1	Acetabular Reamer Shaft
10-008-2	Acetabular Reamer Sleeve
10-008-3	Reamer Alignment Guide



## Acetabular Starter Reamer

ITEM #	SIZE
10-016-18	18 mm
10-016-19	19 mm
10-016-20	20 mm
10-016-21	21 mm
10-016-23	23 mm
10-016-25	25 mm
10-016-27	27 mm



ITEM #	PRODUCT
10-006	Mallet



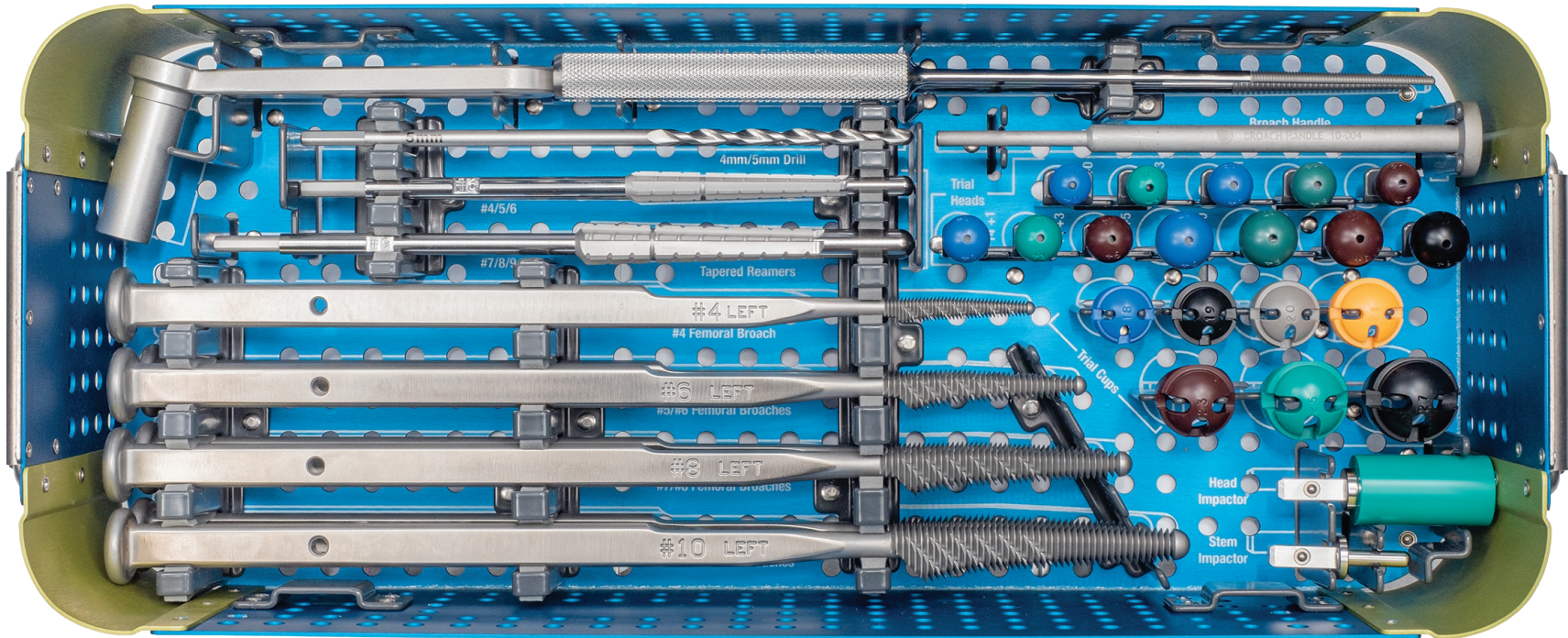
ITEM #	PRODUCT
6-001	Neck Resection Template



10-007-1



# BASIC PREPARATION INSTRUMENT SET - BOTTOM TRAY



## Universal Hip Basic Preparation Instrument Set ITEM # 10-2001

### INSTRUMENT CALIBRATION RECOMMENDATION

INSTRUMENT SET	MAX. CASES
Universal Hip Basic Preparation	25



# BASIC PREPARATION INSTRUMENT SET - BOTTOM TRAY

## Femoral Broach

ITEM #	SIZE
10-004-4	#4
10-004-5	#5
10-004-6	#6
10-004-7	#7
10-004-8	#8
10-004-9	#9
10-004-10	#10



## Femoral Tapered Reamer

ITEM #	SIZE
6-002-4	#4
6-002-5	#5
6-002-6	#6
6-002-7	#7
6-002-8	#8
6-002-9	#9



ITEM #	PRODUCT
10-005	Stem Impactor
10-013	12 mm -17 mm Head Impactor



ITEM #	PRODUCT
7-003-4	4 mm Drill
7-003-5	5 mm Drill
7-005	Finishing File
7-005-1	Finishing File - Small
7-008	Tissue Guard



## Trial Acetabular Cup

ITEM #	SIZE
6-003-18-12	18 mm
6-003-19-13	19 mm
6-003-20-14	20 mm
6-003-21-14	21 mm
6-003-23-17	23 mm
6-003-25-17	25 mm
6-003-27-17	27 mm



ITEM #	PRODUCT
10-004-0	Broach Handle



## Trial Femoral Head

ITEM #	SIZE
6-007-12-0	12 mm + 0
6-007-12-3	12 mm + 3
6-007-13-1	13 mm + 1
6-007-13-3	13 mm + 3
6-007-13-5	13 mm + 5
6-007-14-1	14 mm + 1
6-007-14-3	14 mm + 3
6-007-14-5	14 mm + 5
6-007-16-0	16 mm + 0
6-007-16-3	16 mm + 3

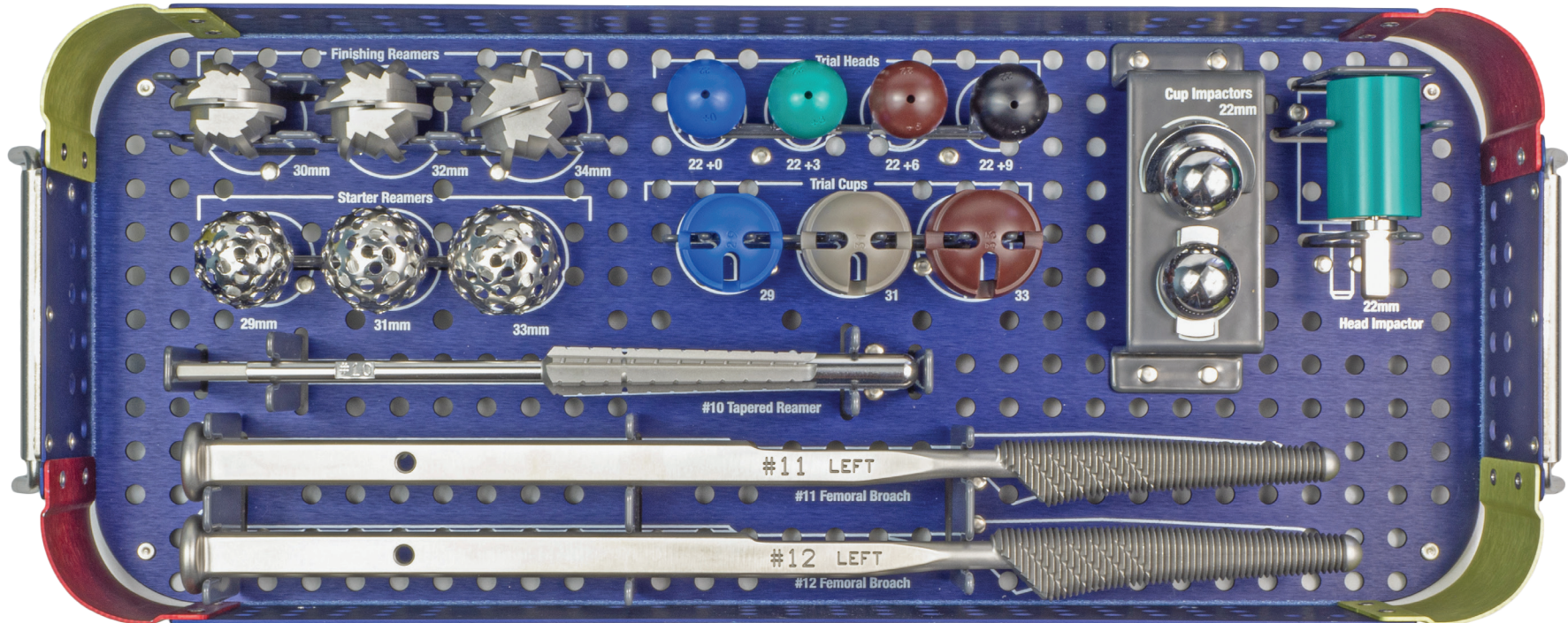
ITEM #	SIZE
6-007-16-6	16 mm + 6
6-007-16-9	16 mm + 9
6-007-17-0	17 mm + 0
6-007-17-3	17 mm + 3
6-007-17-6	17 mm + 6
6-007-17-9	17 mm + 9
6-007-19-0	19 mm + 0
6-007-19-3	19 mm + 3
6-007-19-6	19 mm + 6
6-007-19-9	19 mm + 9



ITEM #	PRODUCT
6-011-4	Slide Hammer Stem Extractor
10-2001-1	Basic Preparation Instrument Case (Case Only)



# LARGE BREED SUPPLEMENT INSTRUMENT SET



## Universal Hip Large Breed Instrument Set ITEM # 10-2003

For Case Only | ITEM # 10-2003-1

### INSTRUMENT CALIBRATION RECOMMENDATION

INSTRUMENT SET	MAX. CASES
Universal Hip Large Breed Supplement	25



# LARGE BREED SUPPLEMENT INSTRUMENT SET

## Starter Reamers

ITEM #	SIZE
10-016-29	29 mm
10-016-31	31 mm
10-016-33	33 mm



## Femoral Broach

ITEM #	PRODUCT
10-004-11	#11 Femoral Broach
10-004-12	#12 Femoral Broach



## Trial Femoral Heads

ITEM #	SIZE
6-007-22-0	22 mm +0
6-007-22-3	22 mm +3
6-007-22-6	22 mm +6
6-007-22-9	22 mm +9



## Finishing Reamers

ITEM #	SIZE
10-018-30	30 mm
10-018-32	32 mm
10-018-34	34 mm



## Tapered Reamer

ITEM #	PRODUCT
6-002-10	#10 Femoral Tapered Reamer



## Trial Acetabular Cups

ITEM #	SIZE
6-003-29-22	29 mm
6-003-31-22	31 mm
6-003-33-22	33 mm



## Cup Impactor

ITEM #	SIZE
10-007-5-22	22 mm (30/32/34 mm O.D.) Central
10-007-6-22	22 mm (30/32/34 mm O.D.) Offset



## Head Impactor

ITEM #	PRODUCT
10-013-22	22 mm Head Impactor



## Expanded Size Instruments For 36, 38, 40, 42 mm O.D. BFX® Cups with Poly-XYE™

### Trial Acetabular Cups

SIZE
35 mm (22 mm I.D) Trial Acetabular Cup
37 mm (22 mm I.D) Trial Acetabular Cup
39 mm (22 mm I.D) Trial Acetabular Cup
41 mm (22 mm I.D) Trial Acetabular Cup



### Starter Reamers

SIZE
35 mm Acetabular Starter Reamer
37 mm Acetabular Starter Reamer
39 mm Acetabular Starter Reamer
41 mm Acetabular Starter Reamer



### Finishing Reamers

SIZE
36 mm Acetabular Finishing Reamer
38 mm Acetabular Finishing Reamer
40 mm Acetabular Finishing Reamer
42 mm Acetabular Finishing Reamer



### Cup Impactors

SIZE
22 mm (36/38 mm O.D.) Central
22 mm (40/42 mm O.D.) Central
22 mm (36/38 mm O.D.) Offset
22 mm (40/42 mm O.D.) Offset



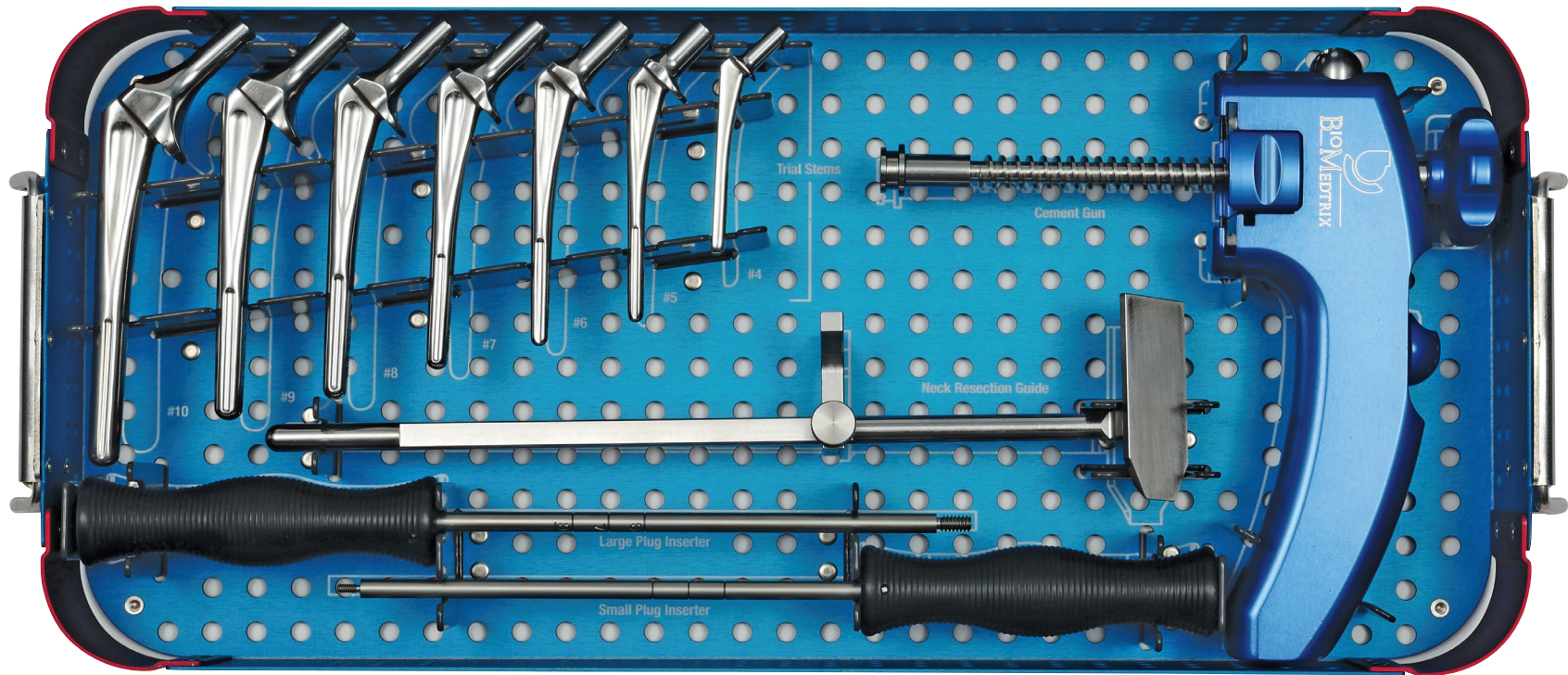
PRODUCT
Acetabular Reamer Shaft



## Large Breed Expanded Sizes Rental Instrument Set ITEM # L10-2036

Large Breed Expanded Sizes Instruments are available for rent only, and subject to availability.

# CFX® PREPARATION SUPPLEMENT INSTRUMENT SET

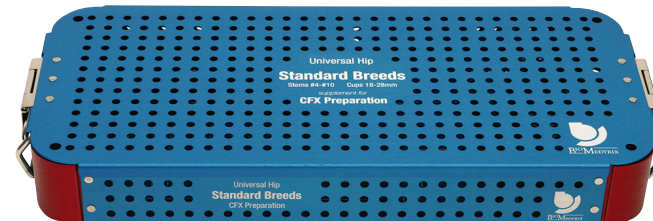


## Universal Hip CFX Supplement Instrument Set ITEM # 10-2002

For Case Only | ITEM # 10-2002-1

### INSTRUMENT CALIBRATION RECOMMENDATION

INSTRUMENT SET	MAX. CASES
Universal Hip CFX Supplement	25



Neck Resection Guide and Cement Gun are optional instruments and are not included in Universal Hip CFX Instrument Set.

# CFX® PREPARATION SUPPLEMENT INSTRUMENT SET

## Trial Femoral Stem

ITEM #	SIZE
6-003-4	#4
6-003-5	#5
6-003-6	#6
6-003-7	#7
6-003-8	#8
6-003-9	#9
6-003-10	#10



## Cement Plug Inserter

ITEM #	SIZE
6-035-0	Large
6-036-0	Small



## Optional CFX® Instrument SOLD SEPARATELY

ITEM #	PRODUCT
6-060	Neck Resection Guide (optional)



ITEM #	PRODUCT
40-25	Cement Gun (optional) Accepts 12 ml and 35 ml syringes



## Bone Cement and Accessories

ITEM #	PRODUCT
V040340	TekniVet CEM Veterinary Bone Cement Full Dose (40 g)



ITEM #	PRODUCT
6-080-1	Large Cement Plug
6-080-2	Small Cement Plug



### Disposable Mixing Bowl

ITEM # DYNJMIXIT



### MicroSilver BG™ Antimicrobial Powder

.25 g for 20 g (half dose) PMMA

ITEM # 40-10-25



### SM Disposable Syringe

(12 ml)

ITEM # 40-20-12



### LG Disposable Syringe

(35 ml)

ITEM # 40-20-35



## CFX Stem Centralizer

ITEM #	SIZE
C4-001-4-1	#4
C4-001-5-1	#5
C4-001-6-1	#6
C4-001-7-1	#7
C4-001-8-1	#8
C4-001-9-1	#9
C4-001-10-1	#10

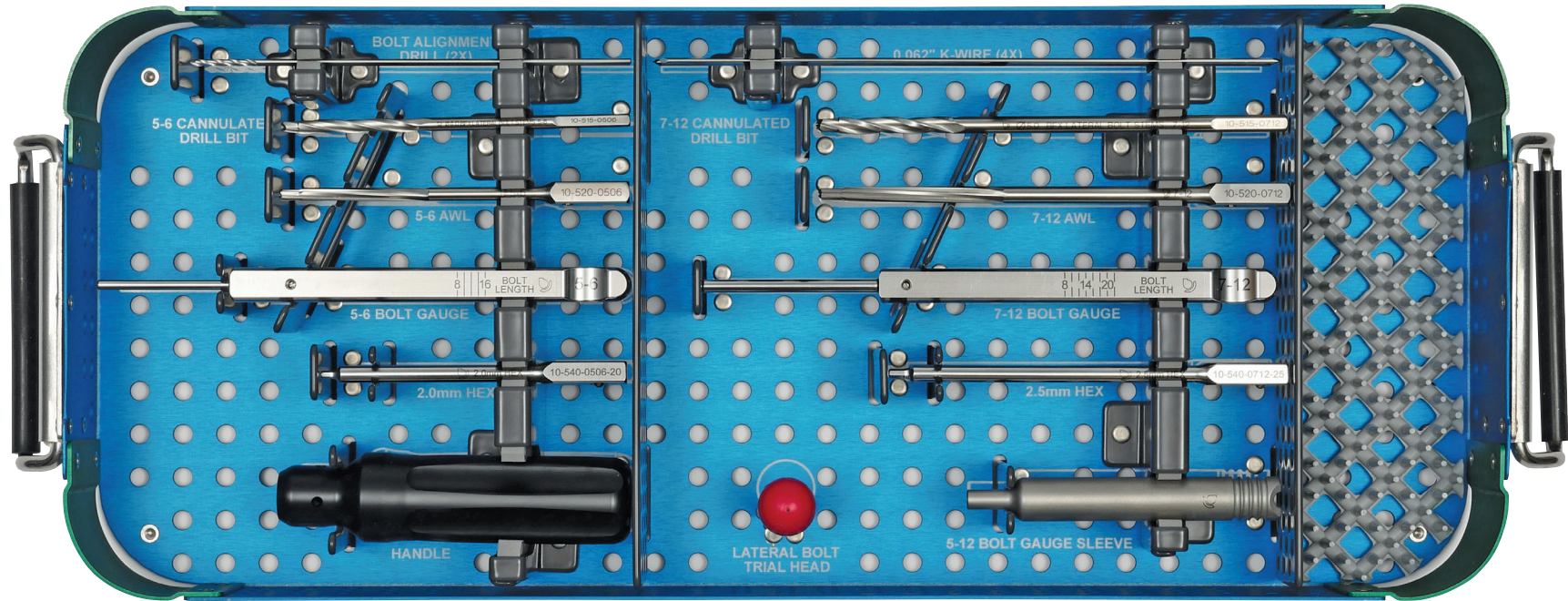


### Syringe Extension Tube Only

ITEM # 6-033-2



# LATERAL BOLT SUPPLEMENT INSTRUMENT SET



## Universal Hip Lateral Bolt Instrument Set ITEM # 10-500

For Case Only | ITEM # 10-560

### INSTRUMENT CALIBRATION RECOMMENDATION

INSTRUMENT SET	MAX. CASES
Universal Hip Lateral Bolt Supplement	25



## LATERAL BOLT SUPPLEMENT INSTRUMENT SET

ITEM #	PRODUCT
10-570	0.062" K-Wire (x4)
10-505	Bolt Alignment Drill (x2)
10-515-0506	5-6 Cannulated Drill
10-515-0712	7-12 Cannulated Drill



ITEM #	PRODUCT
10-520-0506	5-6 Awl
10-520-0712	7-12 Awl



ITEM #	PRODUCT
10-530-0506	Bolt Gauge Sleeve
10-530-0712	5-6 Bolt Gauge
10-530-10	7-12 Bolt Gauge



ITEM #	PRODUCT
10-540-0506-20	2.0 mm Hex
10-540-0712-25	2.5 mm Hex
10-545	Handle
10-550-17-0	LB Trial Head



### For #13 BFX® Lateral Bolt and Collared Stems

ITEM #	PRODUCT
10-530-13	13 Bolt Gauge
10-530-10-13	13 Bolt Gauge Sleeve
10-515-13	13 Cannulated Drill Bit
10-004-13	#13 Femoral Broach

Size 13 Instruments are special order only, and subject to availability and manufacturing lead time.



## Universal Hip Ancillary Products

ITEM #	PRODUCT
10-010	Positioning Board Assembly Includes:
10-010-0	Positioning Disk
10-010-2	Acrylic Sheet
10-010-3	Foam Pad
10-010-4	Long Post (x2)
10-010-5	Short Post
10-010-6	Small Washer (x3)
10-010-7	Large Washer (x3)
10-010-8	Guide (x3)
10-010-9	Short Extension (x2)
10-010-10	Long Extension (x2)
10-010-11	Tightening Rod



**Hip Pack Includes:** Bandage, Bulb Syringe, Mayo Stand Cover 23"x54" SMS, Drape, Drape Utility (x5), Loban Incise Drape w/ADH, Pouch Breather, Steridrape, Steridrape-U Drape, Suction Tubing, Table Cover 44"x76"  
Catalog # 8-001



**Product:** Positioning Board Version Guide  
**ITEM # 10-010-1**



**Product:** X-Ray Magnification Indicator  
**ITEM # 6-013**

## SMALL BREEDS HIP

As an addition to the standard line of Cemented Fixation (CFX) Implants, press-fit cups are now available for the Small Breeds Hip System. This system has been developed to provide Total Hip Replacement (THR) as the primary recommendation for very small dog breeds and cats. As a viable option over femoral head ostectomy (FHO), a THR provides wider range of motion, improved function, and pain-free joints. It is estimated over 3,000 cases have been performed on dogs and cats from 4 pounds to 20 pounds since 2005.

### Implant System

The Small Breeds Hip Implant System is similar in design to the Standard Breed System. It consists of Femoral Heads, Poly-XVE™ CFX® Acetabular Cups, or titanium BFX® Acetabular Cups with Poly XVE CFX® Liner, and both monoblock and modular Femoral Stems. While the modular Stems allow for interchangeability with the 8 mm Femoral Heads, the monoblock Stems are manufactured with a 6 mm Femoral Head already affixed. All components are manufactured from the same materials used for the Standard Breed System.

Both CFX and BFX Acetabular Cups are now available for Small Breeds. All standard BFX and CFX polyethylene components are manufactured with Poly-XVE™. This highly crosslinked polyethylene (HCLPE) infused with Vitamin E mitigates polyethylene wear and increases implant longevity.

### Instrument System

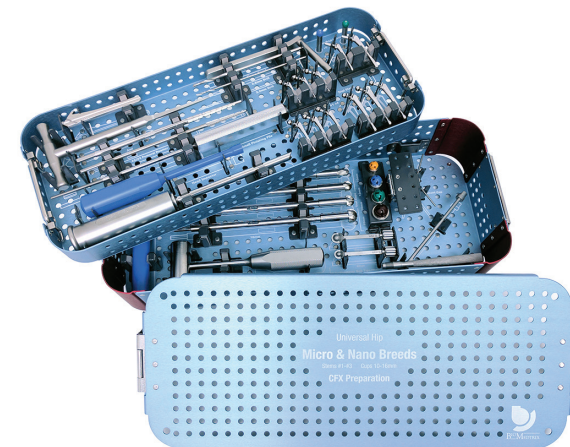
A specifically designed set of instruments is available for implantation of the Small Breeds Hip implants. An Instrument Set Upgrade is available for surgeons who currently own the Micro & Nano Instrument Set. Acetate and digital x-ray templates are available for size selection from film radiographs.

### Surgical Technique

The surgical technique is predominantly the same as for larger breed dogs receiving a cemented stem, except the patient and instruments are smaller. The approach, exposure, and retraction are consistent with the current THR technique, and closure is performed in a routine manner.

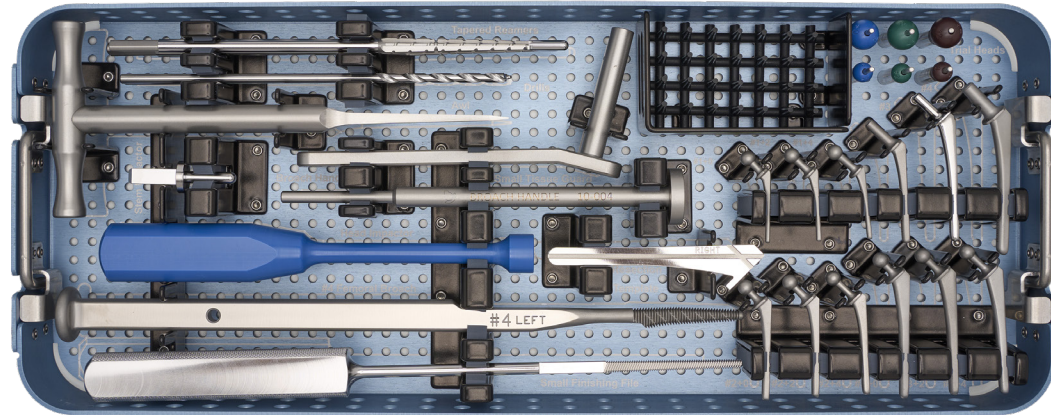
### Workshops

Workshops are regularly scheduled for the Universal Hip System. For more information, please visit [education.movora.com](http://education.movora.com)

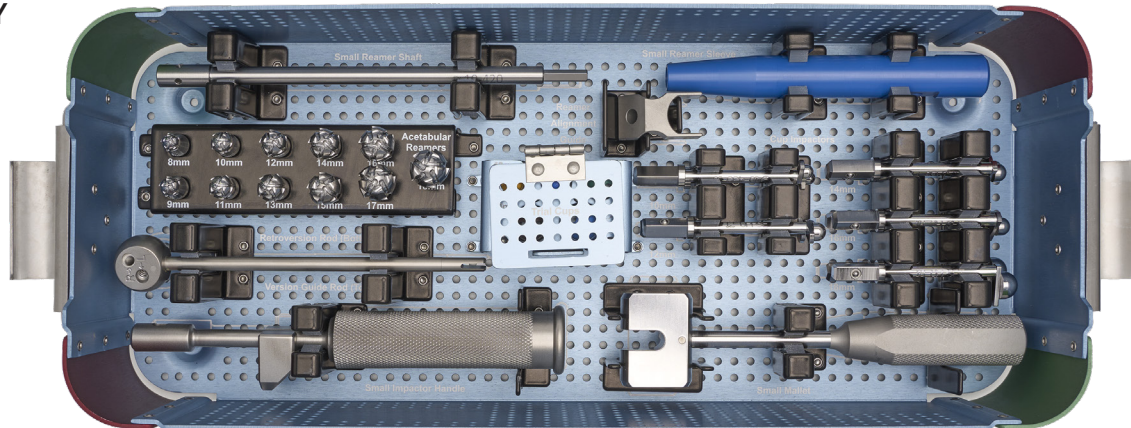


# SMALL BREEDS HIP INSTRUMENT SET – TOP AND BOTTOM TRAY

TOP TRAY



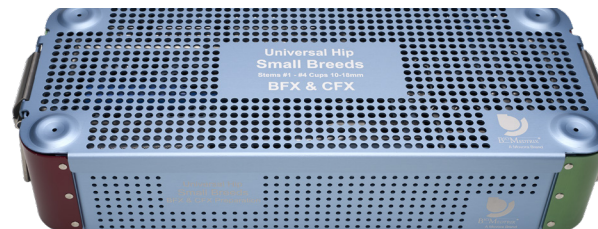
BOTTOM TRAY



**Universal Hip Small Breed Instrument Set:**  
**ITEM # 10-4000**  
**For Case Only | ITEM # 10-450**

**INSTRUMENT CALIBRATION RECOMMENDATION**

INSTRUMENT SET	MAX. CASES
Small Breeds	25



# SMALL BREEDS HIP INSTRUMENT SET – TOP AND BOTTOM TRAY

ITEM #	PRODUCT
6-220	T-Handle Awl



ITEM #	PRODUCT
6-240	Mallet



ITEM #	PRODUCT
7-003-02	Drill 2.0 mm
7-003-03	Drill 3.2 mm
7-003-04	Drill 4 mm



ITEM #	PRODUCT
7-008-23	Tissue Guard (small)



ITEM #	PRODUCT
6-001	Neck Resection Template



ITEM #	PRODUCT
6-002-1	Tapered Femoral Reamer #1/#2
6-002-2	Tapered Femoral Reamer #2/#3
6-002-4	Tapered Femoral Reamer #4



ITEM #	PRODUCT
7-005-1	Finishing File (small)



ITEM #	PRODUCT
6-003-1-0	Trial Femoral Stem #1 + 0
6-003-1-2	Trial Femoral Stem #1 + 2
6-003-1-4	Trial Femoral Stem #1 + 4
6-003-2-0	Trial Femoral Stem #2 + 0
6-003-2-2	Trial Femoral Stem #2 + 2
6-003-2-4	Trial Femoral Stem #2 + 4
6-003-3-0	Trial Femoral Stem #3 + 0
6-003-3-2	Trial Femoral Stem #3 + 2
6-003-3-4	Trial Femoral Stem #3 + 4



ITEM #	PRODUCT
6-007-08-0	Trial Femoral Head 8 mm + 0
6-007-08-2	Trial Femoral Head 8 mm + 2
6-007-08-5	Trial Femoral Head 8 mm + 5
6-007-12-0	Trial Femoral Head 12 mm + 0
6-007-12-3	Trial Femoral Head 12 mm + 3
6-007-12-6	Trial Femoral Head 12 mm + 6



ITEM #	PRODUCT
6-003-10-0	Trial Acetabular Cup 10 mm
6-003-12-8	Trial Acetabular Cup 12 mm
6-003-14-8	Trial Acetabular Cup 14 mm
6-003-16-8	Trial Acetabular Cup 16 mm
6-003-18-12	Trial Acetabular Cup 18 mm



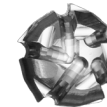
ITEM #	PRODUCT
6-003-2	Trial Femoral Stem #2
6-003-3	Trial Femoral Stem #3
6-003-4	Trial Femoral Stem #4



ITEM #	PRODUCT
6-230	Head Impactor



ITEM #	PRODUCT
10-410-XX	Modular Reamer
XX = 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18	



ITEM #	PRODUCT
10-425	Reamer Sleeve
10-420	Reamer Shaft



ITEM #	PRODUCT
10-430-XX	Central Cup Impactor
10-435-XX	Offset Cup Impactor
XX = 10, 12, 14, 16, 18	



ITEM #	PRODUCT
10-440	Small Breed Impactor Handle
10-007-3	Version Guide Rod
10-007-4	Reamer Alignment Guide



ITEM #	PRODUCT
10-004-4	#4 Femoral Broach
10-005	Stem Impactor



## I-LOC® IM FIXATOR

BioMedtrix® introduced the I-Loc® IM Fixator 6-7-8 system in 2009 and the 3-4-5 system for small breed dogs and cats in 2018. The industry's first angle-stable intramedullary fixator, the I-Loc Interlocking Nail System features a locking mechanism for osteosynthesis of epiphyseal, metaphyseal and diaphyseal long bone fractures. The I-Loc Nail enhances bone healing through the elimination of slack, controlled compliance, and no necessary reaming.

### Implant System

One (1) Nail and four (4) self-centering locking Bolts are packaged together and sold sterile. Implants are inventoried by set rather than a complete array of individually sized Nails and Bolts.

The Nail's bullet-nose and hourglass geometries ease insertion without violating the distal joint and promote faster healing and revascularization of the medullary cavity.

### Instrument System

Each of the 6-7-8 and 3-4-5 instrument systems are designed to specifically accommodate their respective implant sets.

Instruments are color-coded and arranged in sequence of use for preparation simplicity.

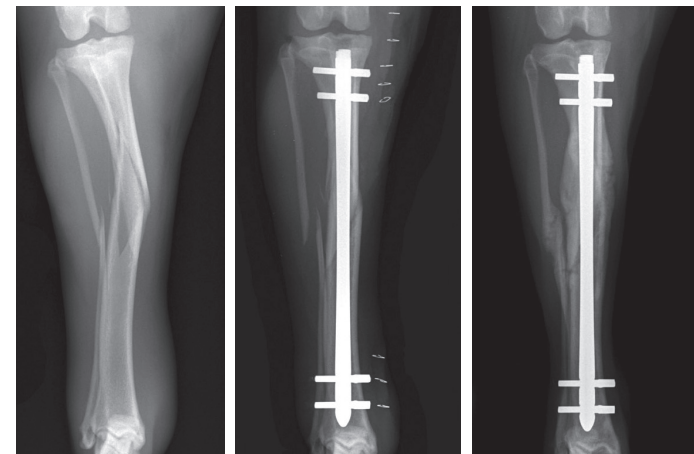
### Surgical Technique

The operative technique for the 3-4-5 and 6-7-8 I-Loc systems are similar. After the medullary cavity is prepared, the fracture is reduced and the preparation is carried into the distal fragment prior to insertion of the final implant. Once the bolt holes have been drilled, the locking Bolts are custom cut using a Shearing Tool and threaded to the Nail.

### Workshops

Workshops are regularly scheduled for the I-Loc IM Fixator System. For additional information, please visit our website or contact a BioMedtrix representative.

U.S. Patents #8,758,345; #8,435,238



Pre-Op

Post-Op

Post-Op Day 26

## I-LOC IMPLANT SIZE AVAILABLE CHART

### I-Loc 3-4-5 Nails

#### AVAILABLE LENGTHS (mm)

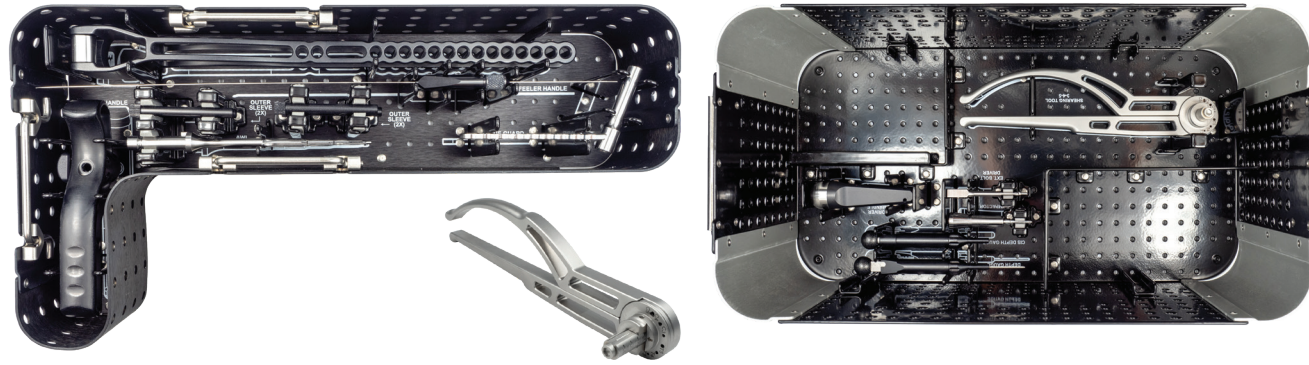
SIZE	62	70	78	86	94	102	110	118	126	134	142	150	158
#3	Available									Not Available			
#4	Not Available	Available										Not Available	
#5	Not Available			Available									

### I-Loc 6-7-8 Nails

#### AVAILABLE LENGTHS (mm)

SIZE	122	135	147	160	172	185	197	210	222	235
#6	Available							Not Available		
#7	Not Available	Available								Not Available
#8	Not Available	Available								

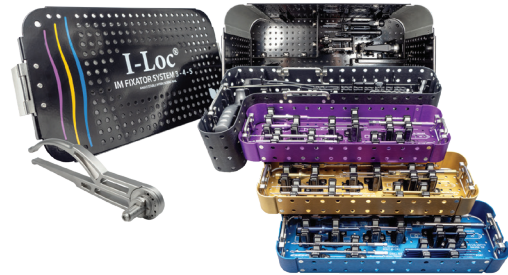
## I-LOC COMMON INSTRUMENTS – SIZES 3-4-5



**I-Loc IM Fixator Instrument Set**  
 Sizes 3-4-5 (with shearing tool) | ITEM # 34-000-345

### INSTRUMENT CALIBRATION RECOMMENDATION

INSTRUMENT SET	MAX. CASES
I-Loc IM Fixator 3-4-5 or 6-7-8	25



ITEM #	PRODUCT
34-110-345	Awl
34-200-345	Handle
34-115-345	Tissue Guard
34-340-345	Feeler Handle
34-300-345	Drill Guide
34-310-345	Outer Sleeve (x4)
34-410-345-2	Cis Depth Gauge
34-410-345	Depth Gauge
34-220-345	Impactor
34-216-345	Driver Handle
34-215-345	Extension Bolt Driver
34-420-345	Shearing Tool
34-500-345	I-Loc 3-4-5 Instrument Case Only
MKT-TD-0046	I-Loc 3-4-5 Correlation Chart

## I-LOC IMPLANTS – SIZES 3-4-5

3 mm Implant Kit	
ITEM #	LENGTH
34-03-062	62 mm
34-03-070	70 mm
34-03-078	78 mm
34-03-086	86 mm
34-03-094	94 mm
34-03-102	102 mm
34-03-110	110 mm
34-03-118	118 mm
34-03-126	126 mm

4 mm Implant Kit	
ITEM #	LENGTH
34-04-070	70 mm
34-04-078	78 mm
34-04-086	86 mm
34-04-094	94 mm
34-04-102	102 mm
34-04-110	110 mm
34-04-118	118 mm
34-04-126	126 mm
34-04-134	134 mm
34-04-142	142 mm

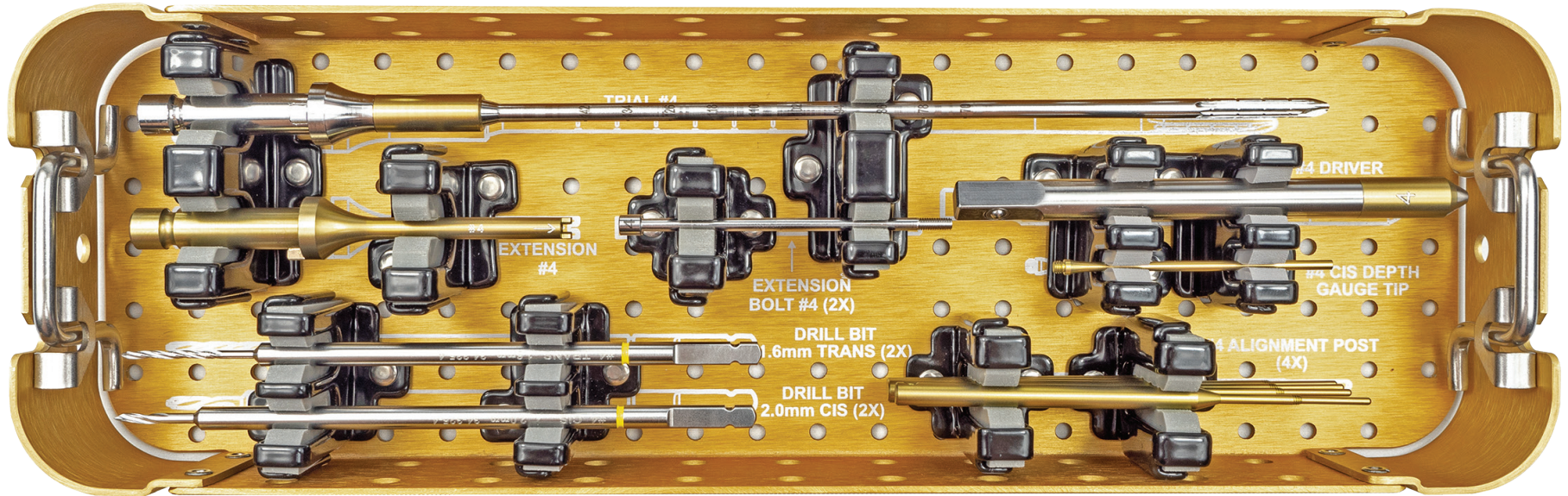
5 mm Implant Kit	
ITEM #	LENGTH
34-05-086	86 mm
34-05-094	94 mm
34-05-102	102 mm
34-05-110	110 mm
34-05-118	118 mm
34-05-126	126 mm
34-05-134	134 mm
34-05-142	142 mm
34-05-150	150 mm
34-05-158	158 mm

Extra Bolt	
ITEM #	LENGTH
34-03-1216	3 mm
34-04-1620	4 mm
34-05-2026	5 mm



**Sterile Implant Kit**  
 (1 NAIL & 4 BOLTS)

## I-LOC SIZE-SPECIFIC INSTRUMENTS – SIZES 3-4-5



### Reaming/Trail Nail

ITEM #	SIZE
34-120-3	#3
34-120-4	#4
34-120-5	#5

### Extension

ITEM #	SIZE
34-210-3	#3
34-210-4	#4
34-210-5	#5

### Extension Bolt

ITEM #	SIZE
34-215-3	#3 (x2)
34-215-4	#4 (x2)
34-215-5	#5 (x2)

### Drill Bit (Cis-Cortex)

ITEM #	SIZE
34-325-3	#3 1.6 mm
34-325-4	#4 2.0 mm
34-325-5	#5 2.6 mm

### Drill Bit (Trans-Cortex)

ITEM #	SIZE
34-335-3	#3 1.2 mm
34-335-4	#4 1.6 mm
34-335-5	#5 2.0 mm

### Alignment Post

ITEM #	SIZE
34-400-3	#3 (x4)
34-400-4	#4 (x4)
34-400-5	#5 (x4)

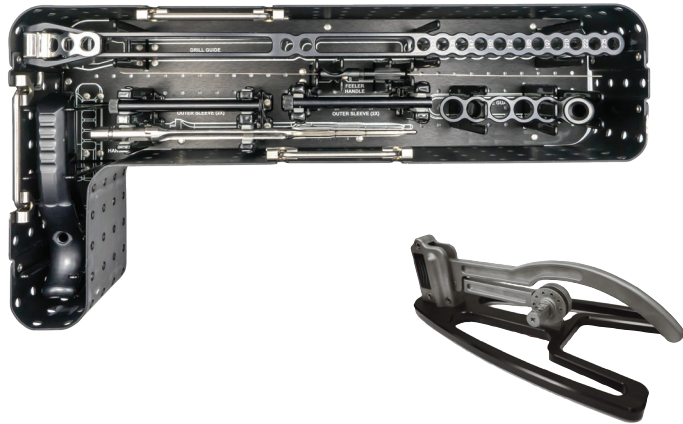
### Bolt Driver

ITEM #	SIZE
34-415-3	#3
34-415-4	#4
34-415-5	#5

### Depth Gauge Tip

ITEM #	SIZE
34-410-345-2-3	#3
34-410-345-2-4	#4
34-410-345-2-5	#5

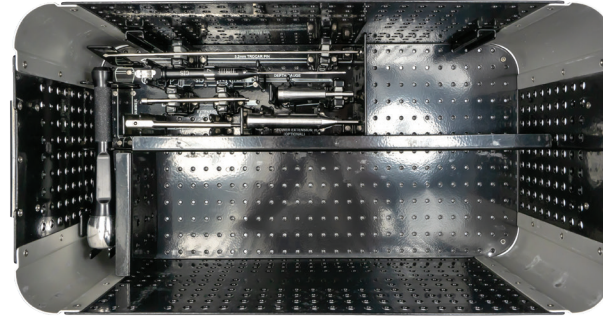
## I-LOC COMMON INSTRUMENTS – SIZES 6-7-8



**I-Loc IM Fixator Instrument Set**  
 Sizes 6-7-8 (with shearing tool) | ITEM # 34-000-678

### INSTRUMENT CALIBRATION RECOMMENDATION

INSTRUMENT SET	MAX. CASES
I-Loc IM Fixator 3-4-5 or 6-7-8	25



ITEM #	PRODUCT
34-110-1	Awl
34-200	Handle
34-115	Tissue Guard
34-340-678	Feeler Handle
34-300	Drill Guide
34-310	Outer Sleeve (x4)
34-410-345-2	Cis Depth Gauge
34-410	Depth Gauge
34-220	Impactor
34-415	Driver Hammer
34-415-18	Extension Bolt Driver
34-420-678	Shearing Tool
34-2115	Extension Bolt (x2)
34-415-1	Bolt Driver Power Extension
34-130	3.2 mm Trocar Pin
34-500-678	I-Loc 3-4-5 Instrument Case Only

## I-LOC IMPLANTS – SIZES 6-7-8

6 mm Implant Kit	
ITEM #	LENGTH
34-06-122	122 mm
34-06-135	135 mm
34-06-147	147 mm
34-06-160	160 mm
34-06-172	172 mm
34-06-185	185 mm
34-06-197	197 mm

7 mm Implant Kit	
ITEM #	LENGTH
34-07-135	135 mm
34-07-147	147 mm
34-07-160	160 mm
34-07-172	172 mm
34-07-185	185 mm
34-07-197	197 mm
34-07-210	210 mm

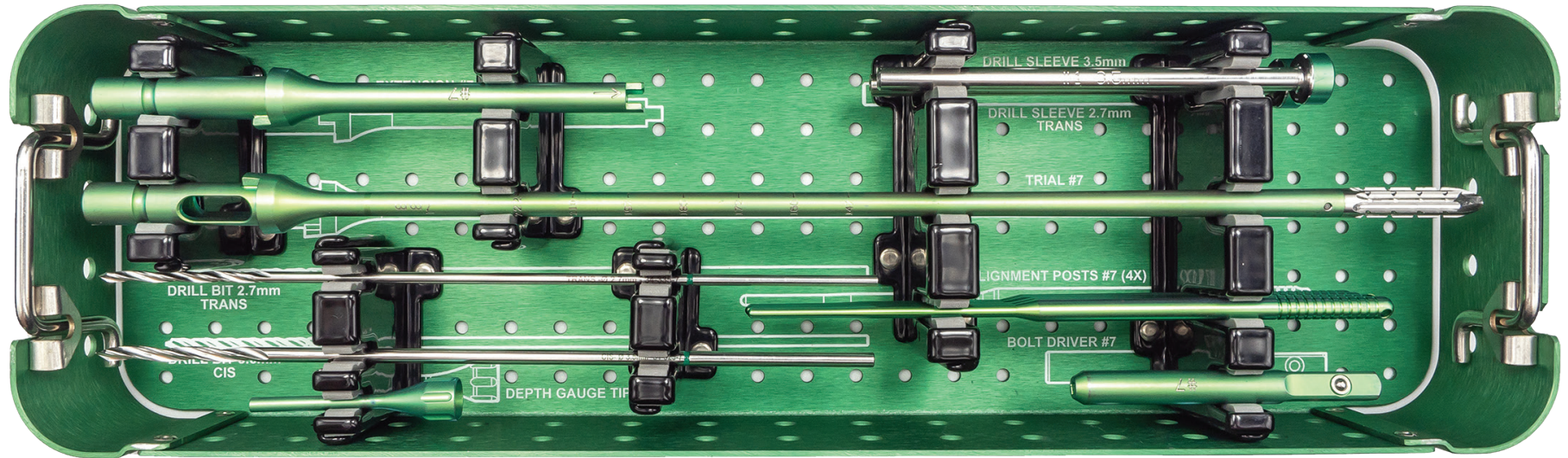
8 mm Implant Kit	
ITEM #	LENGTH
34-08-135	135 mm
34-08-147	147 mm
34-08-160	160 mm
34-08-172	172 mm
34-08-185	185 mm
34-08-197	197 mm
34-08-210	210 mm
34-08-222	222 mm
34-08-235	235 mm

Extra Bolt	
ITEM #	LENGTH
34-06-2532	6 mm
34-07-2735	7 mm
34-08-3243	8 mm



**Sterile Implant Kit**  
 (1 NAIL & 4 BOLTS)

# I-LOC SIZE-SPECIFIC INSTRUMENTS – SIZES 6-7-8



## Reaming/Trail Nail

ITEM #	SIZE
34-120-6	#6
34-120-7	#7
34-120-8	#8

## Extension

ITEM #	SIZE
34-210-6	#6
34-210-7	#7
34-210-8	#8

## Drill Sleeve (Cis-Cortex)

ITEM #	SIZE
34-320-6	#6 3.2 mm
34-320-7	#7 3.5 mm
34-320-8	#8 4.3 mm

## Drill Bit (Cis-Cortex)

ITEM #	SIZE
34-325-6	#6 3.2 mm
34-325-7	#7 3.5 mm
34-325-8	#8 4.3 mm

## Drill Sleeve (Trans-Cortex)

ITEM #	SIZE
34-330-6	#6 2.5 mm
34-330-7	#7 2.7 mm
34-330-8	#8 3.2 mm

## Drill Bit (Trans-Cortex)

ITEM #	SIZE
34-335-6	#6 2.5 mm
34-335-7	#7 2.7 mm
34-335-8	#8 3.2 mm

## Alignment Post

ITEM #	SIZE
34-400-6	#6 (x4)
34-400-7	#7 (x4)
34-400-8	#8 (x4)

## Depth Gauge Tip

ITEM #	SIZE
34-410-6	#6
34-410-7	#7
34-410-8	#8

## Bolt Driver

ITEM #	SIZE
34-415-6	#6
34-415-7	#7
34-415-8	#8

## TPLO & BONE PLATES

BioMedtrix® introduced the Multi Purpose Bone Plate System® in 2004, and the TPLO Curve® system in 2015. The addition of the HyProtect antimicrobial coating to both plate systems provides a continuous release of silver ions to inhibit the growth of bacteria on the surface of the implant for up to 100 days following surgery.

### Implant System

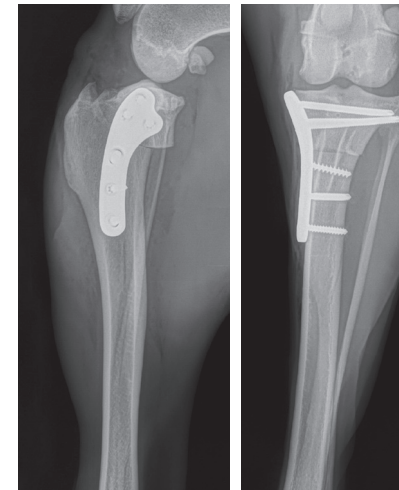
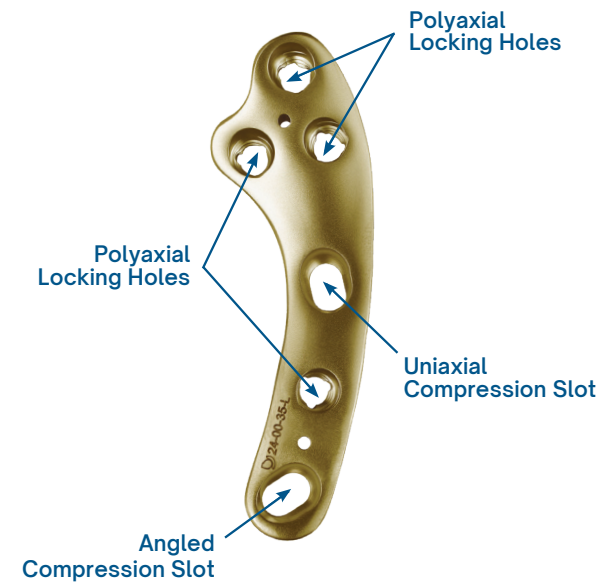
The TPLO Curve is a 3D contoured plate with a curved design which conforms to the natural shape of the tibia. The angled compression slots allow for both cranial and axial compression across the osteotomy.

The Multi Purpose Bone Plate may be easily contoured to address multiple applications including pelvic osteotomy, ilial shaft fracture, proximal tibial osteotomy, distal radial fracture, and partial carpal arthrodesis.

Both the TPLO Curve and the Multi Purpose Bone Plates are manufactured from 316LVM stainless steel (ASTM F139) and are packaged sterile.

### Instrument System

Locking & Cortical Screw and Instrument Cases are available in both bracketed and unbracketed configurations. These instruments are size-specific and the polyaxial and uniaxial drill guides are designed to thread to the locking holes on the TPLO Curve.



TPLO Curve Front and Side View

# STAYSHARP™ TPLO SAW BLADE

The StaySharp TPLO saw blade was developed to provide a faster and cooler cut for an osteotomy capable of healing in 4-6 weeks. Manufactured from durable stainless steel, this semi-disposable blade is the thinnest on the market. The thinner, cooler cut provided by the StaySharp saw blade allows for improved compression and potentially faster healing of the osteotomy.

## StaySharp TPLO Saw Blade

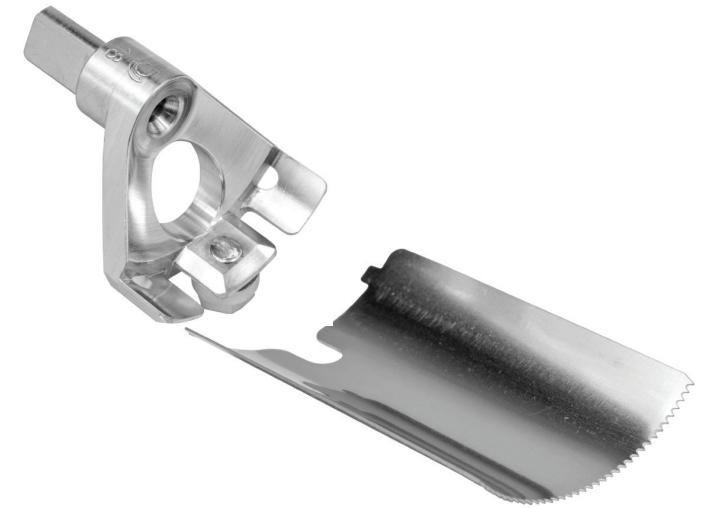
**Fine Blade Provides Better Bone Contact:** Thinnest saw blade available – only 0.3 mm – allows for increased bone contact and potentially faster healing when compression is applied to osteotomy.

**Manufacturing:** Manufactured from the highest quality steel for optimal strength and guaranteed durability for a full 25 uses.

**Improved Cut and Irrigation:** Fast and cooler cut with saline irrigation reduces the potential for bone necrosis.

**Fast and Easy Blade Exchange:** Innovative quick-release hub allows for a fast and easy exchange with a sterile blade.

**Sterile Packaging:** Sold in single-size packs of four (4) sterile saw blades.



## Primary Components Pricing & Catalog Numbering

Hub	24-610-XX
Blades	24-601-XX

Example:  
18 mm Blade (24-601-18) Radius 1 mm

## 5.5 mm Hex Drivers

QC	24-630-5
T-Handle	24-640-5

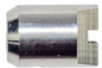
For Hub Sizes 8 mm - 15 mm



## Optional Saw Blade Adapter

Catalog # 24-660

Attaches Hub to tapered oscillating saw attachment\*\*



## 7 mm Hex Drivers

QC	24-630-7
T-Handle	24-640-7

For Hub Sizes 18 mm - 33 mm

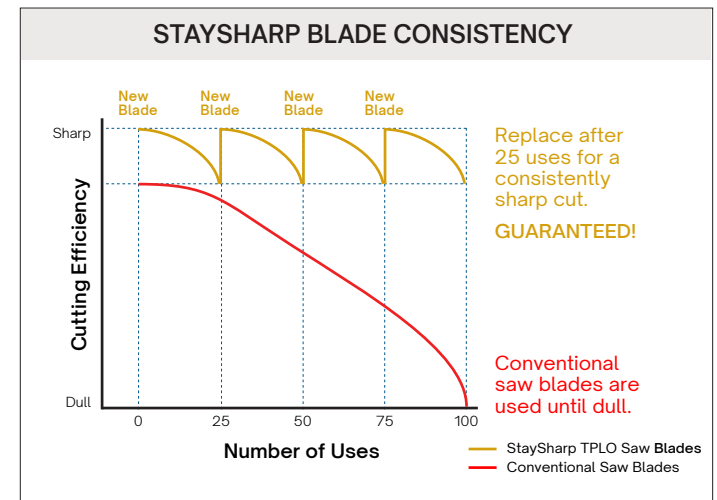


## Component Radius Size Availability

8 mm | 10 mm | 12 mm | 15 mm | 18 mm | 21 mm | 24 mm | 27 mm | 30 mm | 33 mm

\*QC Hex Drivers attach to SQT T - Handle – Catalog # 24-400

\*\*Tapered oscillating TPLO saw attachment available from other vendors.



## TPLO & BONE PLATES

### Antimicrobial Coated Bone Plates

#### TPLO Curve Bone Plate

ITEM #	SIZE
24-00-20-L	2.0 Standard Left
24-00-20-R	2.0 Standard Right
24-00-27-L	2.7 Standard Left
24-00-27-R	2.7 Standard Right
24-00-27S-L	2.7 Short Left
24-00-27S-R	2.7 Short Right
24-00-35-L	3.5 Standard Left
24-00-35-R	3.5 Standard Right
24-00-35B-L	3.5 Broad Left
24-00-35B-R	3.5 Broad Right
24-00-35S-L	3.5 Short Left
24-00-35S-R	3.5 Short Right



#### Multi Purpose Bone Plate

ITEM #	SIZE
20-05-20	2.0 Standard
20-05-20T	2.0 Thick
20-05-27	2.7 Standard
20-05-27T	2.7 Thick
20-05-35	3.5 Standard
20-05-35T	3.5 Thick
20-05-35TL	3.5 Thick, Large (8-Hole)



### Trial Plates and Bone screws



#### TPLO Curve Trial Plate

ITEM #	SIZE
24-050-20-L	2.0 Standard Left Trial
24-050-20-R	2.0 Standard Right Trial
24-050-27-L	2.7 Standard Left Trial
24-050-27-R	2.7 Standard Right Trial
24-050-27S-L	2.7 Short Left Trial
24-050-27S-R	2.7 Short Right Trial
24-050-35-L	3.5 Standard Left Trial
24-050-35-R	3.5 Standard Right Trial
24-050-35B-L	3.5 Broad Left Trial
24-050-35B-R	3.5 Broad Right Trial
24-050-35S-L	3.5 Short Left Trial
24-050-35S-R	3.5 Short Right Trial



#### Screws

ITEM #	SIZE
24-10-XX-XX	Locking Screw
20-11-XX-XX	Cortical Screw (T6-T15)
20-01-XX-XX	Cortical Screw (Hex)
20-02-XX-XX	Cancellous Screw

Diameter (mm)  Length (mm) 

Catalog Number Example:  
**3.5 x 22 mm Locking Screw (24-10-35-22)**

See page 46 for a complete list  
of available screws and sizes.



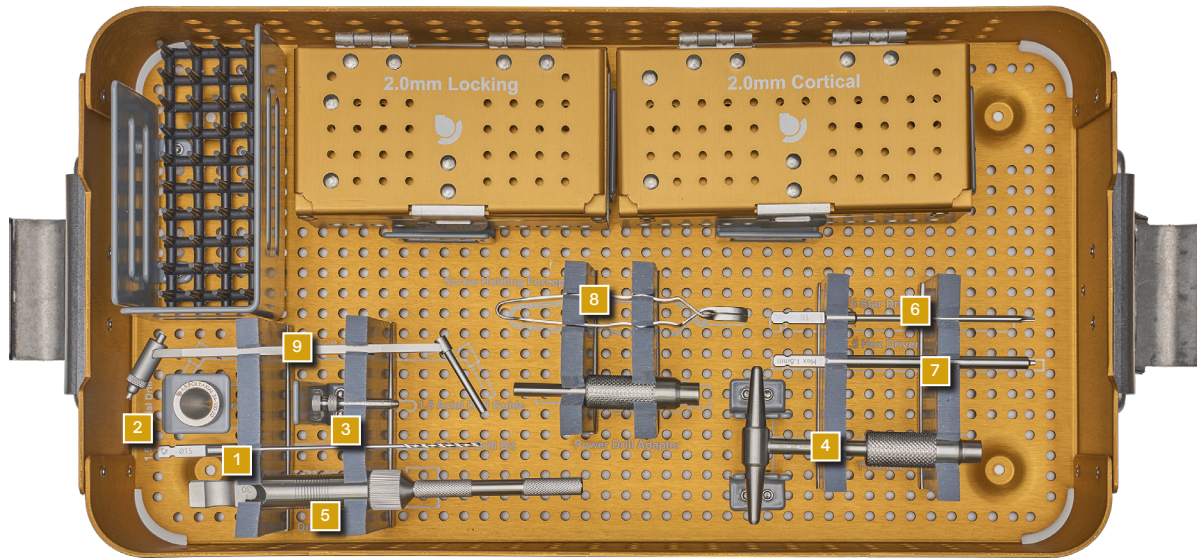
### Vetros Putty Bioactive Bone Graft

ITEM #	PRODUCT
VPY-020	Vetros PUTTY Bioactive Bone Graft Sterile 2 cc Dose Syringe Application



# TPLO & BONE PLATES

## 2.0 Screw Cases and Instruments



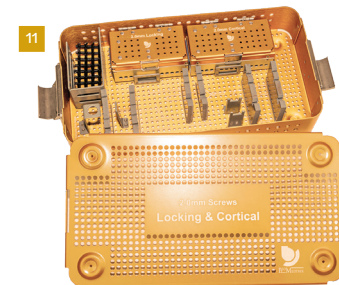
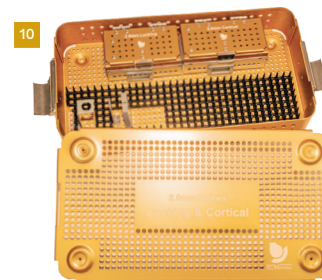
ITEM #	PRODUCT
1	24-300-15 1.5 mm Drill Bit Small Quick Coupling (SQC)
2	24-100-20 2.0 Polyaxial Drill Guide
3	24-200-20 2.0 Uniaxial Drill Guide
4	500002 Composite (Black PPSU Material) Screwdriver Handle, QCK
5	319.11 Mini Depth Gauge for 1.5/2.0/2.4mm Screws, 10-30mm - 1.1mm Tip
6	GS 86.1606 Screwdriver Bit Star 3.5" T6 SQC
7	GS 86.1505 Screwdriver Bit Hexagonal 4" 1.5 mm SQC
8	SAH.30-3040 Spectrum Screw Holding Forceps 3.5" (For 1.5 mm - 2.7 mm Bone Screw)
9	UDG 1.5/2.0 - 1.5/2.0mm Universal Drill Guide - For 2.0mm Cortex Screw/1.5mm Drill Bit
	24-505-20 Case 2.0 mm - Unbracketed (Drill Guide Brackets Only)
	24-500-20 Case 2.0 mm Bracketed (All Brackets)

*\*Some instruments are available through other vendors/brands*

**2.0 mm Locking & Cortical Screw & Instrument Case Bracketed with All Instruments and Screws  
Unbracketed with Drill Guides and All Screws**

**INSTRUMENT CALIBRATION RECOMMENDATION**

INSTRUMENT SET	MAX. CASES
2.0 Locking & Cortical Screw Set	100

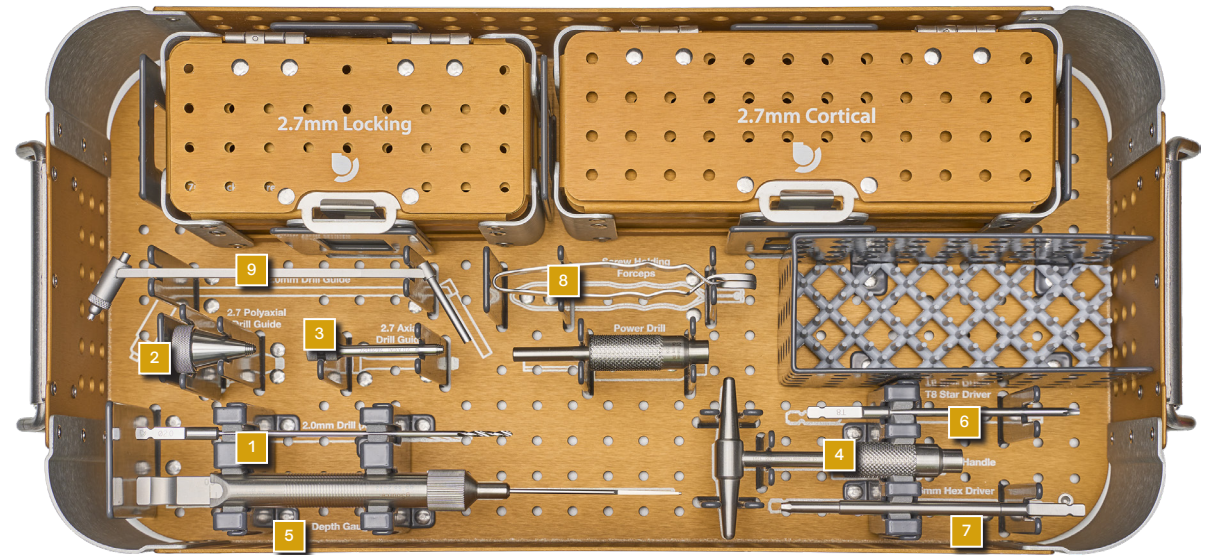


# TPLO & BONE PLATES

## 2.7 Screw Cases and Instruments

ITEM #	PRODUCT
1	24-300-20 2.0 mm Drill Bit Small Quick Coupling (SQC)
2	24-100-27 2.7 Polyaxial Drill Guide
3	24-200-27 2.7 Uniaxial Drill Guide
4	500002 Composite (Black PPSU Material) Screwdriver Handle, QCK
5	319.01 Depth Gauge for 2.4-4.0mm Screws, 5-60 mm - 1.8 mm Tip
6	86.1608 Screwdriver Bit Star 3.5" T8 (SQC)
7	86.1506 Screwdriver Bit Hexagonal 4" 2.5 mm SQC
8	SAH.30-3040 Spectrum Screw Holding Forceps, 3.5", (For 1.5 mm - 2.7 mm Screws)
9	UDG 2.0/2.7 2.0/2.7mm Universal Drill Guide - For 2.7mm Cortex Screw/2.0mm Drill Bit
	24-505-27 Case 2.7 mm - Unbracketed (Drill Guide Brackets Only)
	24-500-27 Case 2.7 mm Bracketed (All Brackets)

*\*Some instruments are available through other vendors/brands*



### 2.7 mm Locking & Cortical Screw & Instrument Case Bracketed with All Instruments and Screws Unbracketed with Drill Guides and All Screws

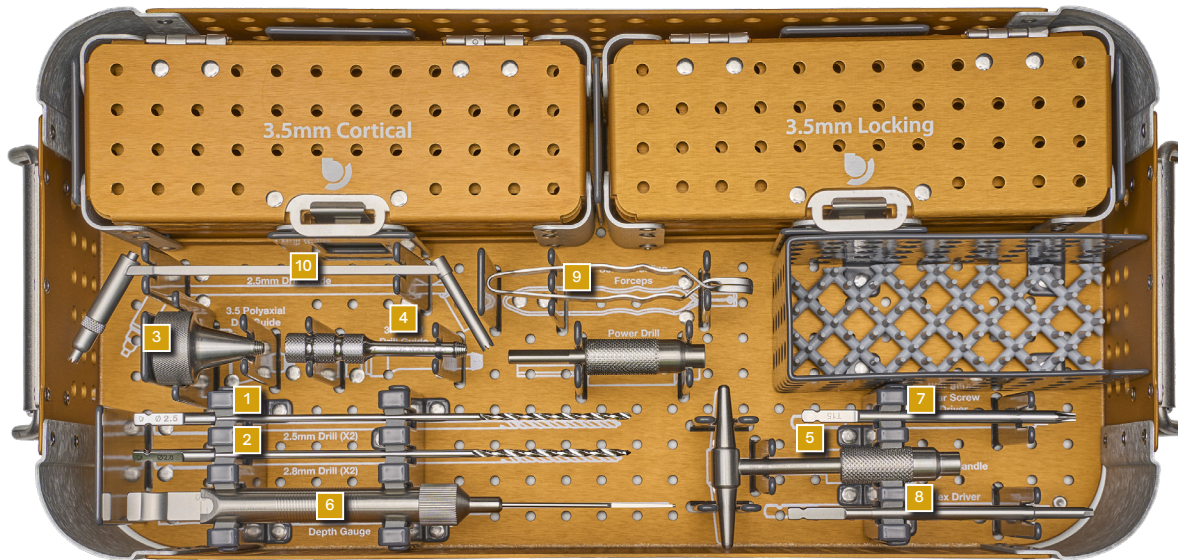
#### INSTRUMENT CALIBRATION RECOMMENDATION

INSTRUMENT SET	MAX. CASES
2.7 Locking & Cortical Screw Set	100



# TPLO & BONE PLATES

## 3.5 Screw Cases and Instruments



ITEM #	PRODUCT
1	24-300-25 2.5 mm Drill Bit SQC
2	24-300-28 2.8 mm Drill Bit SQC
3	24-100 3.5 Polyaxial Drill Guide
4	24-200 3.5 Uniaxial Drill Guide
5	500002 Composite (Black PPSU Material) Screwdriver Handle, QCK Coupling
6	319.01 Depth Gauge for 2.4-4.0mm Screws, 5-60mm - 1.8mm Tip
7	86.1715 Screwdriver Bit Star 3.5" T15 (SQC)
8	86.1506 Screwdriver Bit Hexagonal 4" 2.5 mm SQC
9	SAH.30-3041 Spectrum Screw Holding Forceps, 3.5", (For 3.5 mm - 6.5 mm Screws)
10	UDG 2.5/3.5 2.5/3.5mm Universal Drill Guide - For 3.5 mm Cortex Screw/2.5 mm Drill Bit
	24-505-35 Case 3.5 mm - Unbracketed (Drill Guide Brackets Only)
	24-500-35 Case 3.5 mm Bracketed (All Brackets)

*\*Some instruments are available through other vendors/brands*

### 3.5 mm Locking & Cortical Screw & Instrument Case Bracketed with All Instruments and Screws Unbracketed with Drill Guides and All Screws

#### INSTRUMENT CALIBRATION RECOMMENDATION

INSTRUMENT SET	MAX. CASES
3.5 Locking & Cortical Screw Set	100



## MICROSILVER SPRAY

The MicroSilver Spray provides a long-term protective barrier effect against bacteria and thus strengthens and promotes the skin's natural wound healing. MicroSilver BG™ inhibits microbial contamination and keeps the wound environment free from additional exogenous bacterial sources. Hyaluronic acid sodium salt (HA) allows the rapid diffusion of water-soluble molecules and migration of cells. Moist wound treatment is the state-of-the-art wound care in human medicine.



### Product Benefits

- **Wound Management:** Dry spray for management of minor exuding wounds.
- **Beneficial Healing Environment:** Absorbs excess moisture while HA coating binds water, creating a moist and beneficial healing environment.
- **Soothing:** Soothes the skin.
- **Skin Regeneration:** Supports skin regeneration.
- **Limits Bacterial Spread:** Locally limits the spread of bacteria.

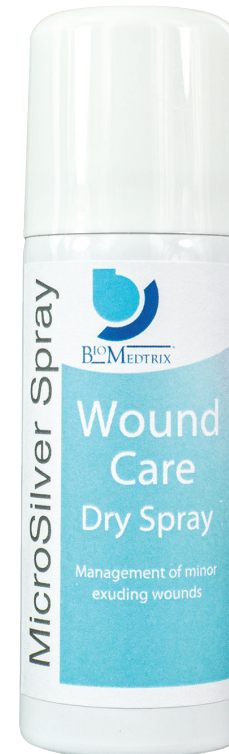
### Instructions for Use

1. Shake well before use.
2. Spray the wound prior to applying a dressing.
3. When changing the dressing, reapply the spray prior to applying new dressing.

### Prevent Infection and Promote Healing

**Works Best For: Minor Surgical Wounds, Abrasions, Minor Burns, Abscesses, and Sores**

ITEM #	PRODUCT
50-20-50	50 ml Wound Care Dry Spray



# MICROSILVER BG™ FOR BONE CEMENT

## Pure Element Silver Powder For Bone Cement



ITEM #	PRODUCT
40-10-25	MicroSilver BG Antimicrobial Powder 0.25g for 20g (half dose) PMMA

### Product Benefits

**Enhanced Antimicrobial Activity:** Provides enhanced antimicrobial activity to PMMA cement.

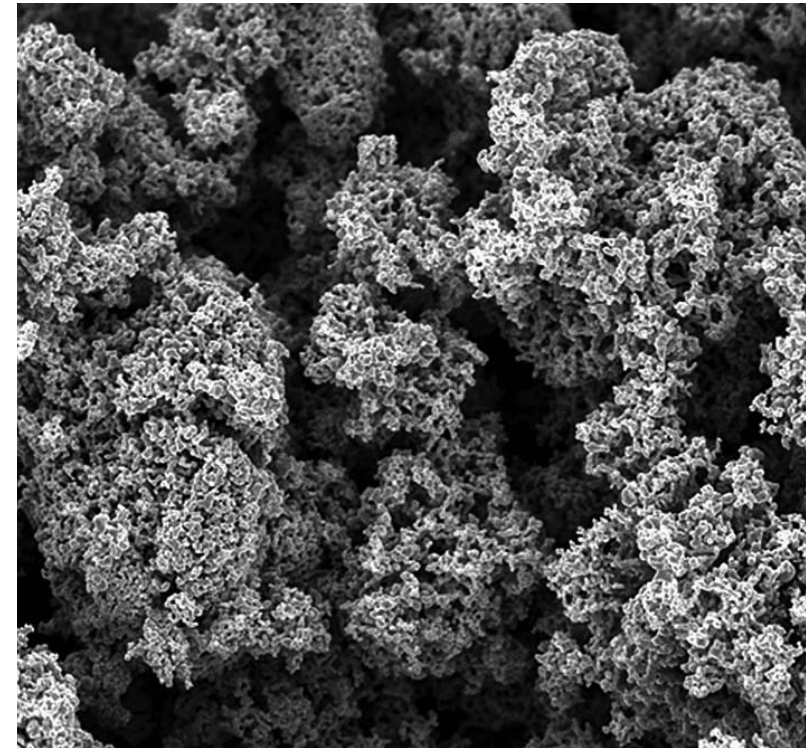
**Proven Efficacy:** Efficacy of silver in PMMA proven in vitro.

**Proven Efficacy Against MRSA:** Efficacy of silver in MRSA proven in vitro.

**ISO 10993 Biocompatibility:** Excellent biocompatibility according to ISO 10993.

**Animal Model MRSA Efficacy:** Efficacy against MRSA proven in animal model.

**Human Model MRSA Efficacy:** Efficacy against MRSA proven in human prospective study.



### Five-Year Clinical Survey (2014-2019)

Clinical Sites: 47  
Total Clinical Cases: 516  
Sites Responding to Survey: 17 (36.2%)  
Total Clinical Cases Reported: 274 (53.1%)  
Infections following use of MicroSilver Additive: **2 (0.73%)**

Indications of Use:

1. Prophylactically in virgin THR cases: **256 (93.4%)**
2. Prophylactically for Revision THR cases: **4 (1.5%)**
3. Existing infection THR Revision: **12 (4.4%)**

## EXPANDED INDICATIONS

### Canine Total Knee™ Replacement System

BioMedtrix® has incorporated successful design concepts from human knee reconstruction into the Canine Total Knee system and completed them with specific design features based on the canine anatomy and biomechanics. The system focuses on accuracy and alignment of the preparation for restoration of knee biomechanics, and an extensive array of completely interchangeable implant sizes allowing for optimum patient fit.

### TATE Elbow® System

The TATE Elbow arthroplasty was developed in an effort to alleviate the pain and suffering associated with canine elbow dysplasia. Through novel ideas and by addressing surgical complications brought to light by previous canine elbow systems, the TATE Elbow has proven to be a minimally invasive surgical option. The TATE Elbow system utilizes an innovative design created to promote surgical ease and accuracy, low morbidity, and a low complication rate with a minimal number of components. This implant is currently being used in a multi-center international study.

### TATE Ankle™ System

The TATE Ankle Replacement was developed as an alternative to fusion for ankles with severe osteoarthritis. It follows the same surgical technique as the TATE Elbow but with a few critical advancements. The instrumentation has been dramatically simplified but with a significant increase in accuracy. The cartridge implant has been updated to allow for easier insertion and improved post-op implant fixation. This implant is currently being used in a multi-center international study.

### Custom Designs

In addition to total joint replacement, nail, and plate systems, BioMedtrix regularly works with leading veterinary orthopedic surgeons to develop custom implants. These implants are often designed to address unique surgical indications yet may influence development of standard implant solutions.



## CANINE TOTAL KNEE IMPLANTS

### Canine Total Knee Cemented Tibial Component

ITEM #	PRODUCT
28-003-30-05	30 mm (5 mm Thk) Canine Knee Cemented Tibial Component
28-003-30-07	30 mm (7 mmThk) Canine Knee Cemented Tibial Component
28-003-30-09	30 mm (9 mm Thk) Canine Knee Cemented Tibial Component
28-003-32-05	32 mm (5 mm Thk) Canine Knee Cemented Tibial Component
28-003-32-07	32 mm (7 mm Thk) Canine Knee Cemented Tibial Component
28-003-32-09	32 mm (9 mm Thk) Canine Knee Cemented Tibial Component
28-003-34-05	34 mm (5 mm Thk) Canine Knee Cemented Tibial Component
28-003-34-07	34 mm (7 mm Thk) Canine Knee Cemented Tibial Component
28-003-34-09	34 mm (9 mm Thk) Canine Knee Cemented Tibial Component
28-003-36-05	36 mm (5 mm Thk) Canine Knee Cemented Tibial Component
28-003-36-07	36 mm (7 mm Thk) Canine Knee Cemented Tibial Component
28-003-36-09	36 mm (9 mm Thk) Canine Knee Cemented Tibial Component
28-003-38-05	38 mm (5 mm Thk) Canine Knee Cemented Tibial Component
28-003-38-07	38 mm (7 mm Thk) Canine Knee Cemented Tibial Component
28-003-38-09	38 mm (9 mm Thk) Canine Knee Cemented Tibial Component

### Canine Total Knee Cementless Tibial Insert

ITEM #	PRODUCT
28-50-28-05	28mm (5mm Thk) Canine Knee Cementless Tibial Insert
28-50-28-07	28 mm (7 mm Thk) Canine Knee Cementless Tibial Insert
28-50-28-09	28 mm (9 mm Thk) Canine Knee Cementless Tibial Insert
28-50-30-05	30 mm (5 mm Thk) Canine Knee Cementless Tibial Insert
28-50-30-07	30 mm (7 mm Thk) Canine Knee Cementless Tibial Insert
28-50-30-09	30 mm (9 mm Thk) Canine Knee Cementless Tibial Insert
28-50-32-05	32 mm (5 mm Thk) Canine Knee Cementless Tibial Insert
28-50-32-07	32 mm (7 mm Thk) Canine Knee Cementless Tibial Insert
28-50-32-09	32 mm (9 mm Thk) Canine Knee Cementless Tibial Insert
28-50-34-05	34 mm (5mm Thk) Canine Knee Cementless Tibial Insert
28-50-34-07	34 mm (7 mm Thk) Canine Knee Cementless Tibial Insert
28-50-34-09	34 mm (9 mm Thk) Canine Knee Cementless Tibial Insert
28-50-36-05	36 mm (5 mm Thk) Canine Knee Cementless Tibial Insert
28-50-36-07	36 mm (7 mm Thk) Canine Knee Cementless Tibial Insert
28-50-36-09	36 mm (9mm Thk) Canine Knee Cementless Tibial Insert
28-50-38-05	38 mm (5 mm Thk) Canine Knee Cementless Tibial Insert
28-50-38-07	38 mm (7 mm Thk) Canine Knee Cementless Tibial Insert
28-50-38-09	38 mm (9 mm Thk) Canine Knee Cementless Tibial Insert

### Canine Total Knee Femoral Implant

ITEM #	PRODUCT
28-001-30	30 mm Canine Knee Femoral Component
28-001-32	32 mm Canine Knee Femoral Component
28-001-34	34 mm Canine Knee Femoral Component
28-001-36	36 mm Canine Knee Femoral Component
28-001-38	38 mm Canine Knee Femoral Component
28-001-40	40 mm Canine Knee Femoral Component
28-001-42	42 mm Canine Knee Femoral Component



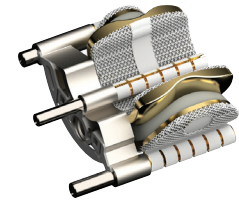
U.S. Patent Pending

### Canine Total Knee Cementless Tibial Tray

ITEM #	Size
28-40-28	28 mm
28-40-30	30 mm
28-40-32	32 mm
28-40-34	34 mm
28-40-36	36 mm

### TATE Elbow® System

ITEM #	PRODUCT
18-00-15L	15 mm Left
18-00-15R	15 mm Right
18-00-17L	17 mm Left
18-00-17R	17 mm Right
18-00-19L	19 mm Left
18-00-19R	19 mm Right



U.S. Patents #8,597,361; #8,012,214; #8,034,113; #8,430,931; #9,782,184; Additional Patents Pending

### TATE Ankle™ System

ITEM #	PRODUCT
26-00-17L	17mm Left
26-00-17R	17mm Right



U.S. Patents #8,597,361; #8,012,214; #8,034,113; #8,430,931; #9,782,184; Additional Patents Pending

# BONE SCREW SIZE AVAILABILITY CHART

Length	LOCKING SCREWS, SELF-TAPPING			CORTICAL SCREWS, SELF-TAPPING (T6-15)			CORTICAL SCREWS, SELF-TAPPING (HEX)					CANCELLOUS SCREWS, FULLY THREADED
	2.0	2.7	3.5	2.0	2.7	3.5	1.5	2.0	2.7	3.5	4.5	4.0
6 mm	.	.		.	.		.	.	.			
7 mm												
8 mm	.	.		.	.		.	.	.			
9 mm							.					
10 mm	.	.	.	.	.	.	.	.	.	.		.
11 mm							.					
12 mm	.	.	.	.	.	.	.	.	.	.	.	.
13 mm							.					
14 mm	.	.	.	.	.	.	.	.	.	.	.	.
16 mm	.	.	.	.	.	.	.	.	.	.	.	.
18 mm	.	.	.	.	.	.	.	.	.	.	.	.
20 mm	.	.	.	.	.	.	.	.	.	.	.	.
22 mm	.	.	.	.	.	.	.	.	.	.	.	.
24 mm	.	.	.	.	.	.	.	.	.	.	.	.
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28 mm	.	.	.	.	.	.	.	.	.	.	.	.
30 mm	.	.	.	.	.	.	.	.	.	.	.	.
32 mm		.	.	.	.	.	.	.	.	.	.	.
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35 mm												.
36 mm			.	.	.	.		.	.	.	.	.
38 mm			.	.	.	.		.	.	.	.	.
40 mm			.	.	.	.		.	.	.	.	.
42 mm			.	.	.	.		.	.	.	.	.
44 mm			.	.	.	.		.	.	.	.	.
45 mm			.	.	.	.		.	.	.	.	.
46 mm				.	.	.		.	.	.	.	.
48 mm			.	.	.	.		.	.	.	.	.
50 mm			.	.	.	.		.	.	.	.	.
52 mm			.	.	.	.		.	.	.	.	.
54 mm											.	.
55 mm			.	.	.	.		.	.	.	.	.
56 mm											.	.
58 mm											.	.
60 mm			.			.				.	.	.
65 mm										.	.	.
70 mm										.	.	.
75 mm											.	.
80 mm											.	.
85 mm											.	.
90 mm											.	.
95 mm											.	.
100 mm											.	.
105 mm											.	.
110 mm											.	.
Drive Bit	T6 Drive	T8 Drive	T15 Drive	T6 Drive	T8 Drive	T15 Drive	1.5 mm Hex Drive	2.5 mm Hex Drive				

SIZE	ITEM #
Locking Screw	24-10-XX-XX
Cortical Screw (T6-15)	20-11-XX-XX
Cortical Screw (Hex)	20-01-XX-XX
Cancellous Screw	20-02-XX-XX

Diameter (mm) | Length (mm)



Catalog Number Example:  
3.5 x 22 mm Locking Screw  
(24-10-35-22)

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# Screws

## Cortex Screws, T6 Recess, Self-Tapping

ITEM #	Description
SAH.EV102006	2.0mm x 6mm Cortex Screw with T6 Recess
SAH.EV102008	2.0mm x 8mm Cortex Screw with T6 Recess
SAH.EV102010	2.0mm x 10mm Cortex Screw with T6 Recess
SAH.EV102011	2.0mm x 11mm Cortex Screw with T6 Recess
SAH.EV102012	2.0mm x 12mm Cortex Screw with T6 Recess
SAH.EV102014	2.0mm x 14mm Cortex Screw with T6 Recess
SAH.EV102016	2.0mm x 16mm Cortex Screw with T6 Recess
SAH.EV102018	2.0mm x 18mm Cortex Screw with T6 Recess
SAH.EV102020	2.0mm x 20mm Cortex Screw with T6 Recess
SAH.EV102022	2.0mm x 22mm Cortex Screw with T6 Recess
SAH.EV102024	2.0mm x 24mm Cortex Screw with T6 Recess
SAH.EV102026	2.0mm x 26mm Cortex Screw with T6 Recess
SAH.EV102028	2.0mm x 28mm Cortex Screw with T6 Recess
SAH.EV102030	2.0mm x 30mm Cortex Screw with T6 Recess
SAH.EV102032	2.0mm x 32mm Cortex Screw with T6 Recess
SAH.EV102034	2.0mm x 34mm Cortex Screw with T6 Recess



ITEM #	Description
SAH.EV102406	2.4mm x 6mm Cortex Screw with T8 Recess
SAH.EV102408	2.4mm x 8mm Cortex Screw with T8 Recess
SAH.EV102410	2.4mm x 10mm Cortex Screw with T8 Recess
SAH.EV102412	2.4mm x 12mm Cortex Screw with T8 Recess
SAH.EV102414	2.4mm x 14mm Cortex Screw with T8 Recess
SAH.EV102416	2.4mm x 16mm Cortex Screw with T8 Recess
SAH.EV102418	2.4mm x 18mm Cortex Screw with T8 Recess
SAH.EV102420	2.4mm x 20mm Cortex Screw with T8 Recess
SAH.EV102422	2.4mm x 22mm Cortex Screw with T8 Recess
SAH.EV102424	2.4mm x 24mm Cortex Screw with T8 Recess
SAH.EV102426	2.4mm x 26mm Cortex Screw with T8 Recess
SAH.EV102428	2.4mm x 28mm Cortex Screw with T8 Recess
SAH.EV102430	2.4mm x 30mm Cortex Screw with T8 Recess
SAH.EV102432	2.4mm x 32mm Cortex Screw with T8 Recess
SAH.EV102434	2.4mm x 34mm Cortex Screw with T8 Recess
SAH.EV102436	2.4mm x 36mm Cortex Screw with T8 Recess
SAH.EV102438	2.4mm x 38mm Cortex Screw with T8 Recess
SAH.EV102440	2.4mm x 40mm Cortex Screw with T8 Recess



## Screws

### Cortex Screws, T8 Recess, Self-Tapping

ITEM #	Description
SAH.EV102706	2.7mm x 6mm Cortex Screw with T8 Recess
SAH.EV102708	2.7mm x 8mm Cortex Screw with T8 Recess
SAH.EV102710	2.7mm x 10mm Cortex Screw with T8 Recess
SAH.EV102712	2.7mm x 12mm Cortex Screw with T8 Recess
SAH.EV102714	2.7mm x 14mm Cortex Screw with T8 Recess
SAH.EV102716	2.7mm x 16mm Cortex Screw with T8 Recess
SAH.EV102718	2.7mm x 18mm Cortex Screw with T8 Recess
SAH.EV102720	2.7mm x 20mm Cortex Screw with T8 Recess
SAH.EV102722	2.7mm x 22mm Cortex Screw with T8 Recess
SAH.EV102724	2.7mm x 24mm Cortex Screw with T8 Recess
SAH.EV102726	2.7mm x 26mm Cortex Screw with T8 Recess
SAH.EV102728	2.7mm x 28mm Cortex Screw with T8 Recess
SAH.EV102730	2.7mm x 30mm Cortex Screw with T8 Recess
SAH.EV102732	2.7mm x 32mm Cortex Screw with T8 Recess
SAH.EV102734	2.7mm x 34mm Cortex Screw with T8 Recess
SAH.EV102736	2.7mm x 36mm Cortex Screw with T8 Recess
SAH.EV102738	2.7mm x 38mm Cortex Screw with T8 Recess
SAH.EV102740	2.7mm x 40mm Cortex Screw with T8 Recess
SAH.EV102742	2.7mm x 42mm Cortex Screw with T8 Recess
SAH.EV102744	2.7mm x 44mm Cortex Screw with T8 Recess
SAH.EV102745	2.7mm x 45mm Cortex Screw with T8 Recess
SAH.EV102748	2.7mm x 48mm Cortex Screw with T8 Recess
SAH.EV102750	2.7mm x 50mm Cortex Screw with T8 Recess
SAH.EV102755	2.7mm x 55mm Cortex Screw with T8 Recess



### Cortex Screws, T15 Recess, Self-Tapping

ITEM #	Description
SAH.EV103508	3.5mm x 8mm Cortex Screw with T15 Recess
SAH.EV103510	3.5mm x 10mm Cortex Screw with T15 Recess
SAH.EV103512	3.5mm x 12mm Cortex Screw with T15 Recess
SAH.EV103514	3.5mm x 14mm Cortex Screw with T15 Recess
SAH.EV103516	3.5mm x 16mm Cortex Screw with T15 Recess
SAH.EV103518	3.5mm x 18mm Cortex Screw with T15 Recess
SAH.EV103520	3.5mm x 20mm Cortex Screw with T15 Recess
SAH.EV103522	3.5mm x 22mm Cortex Screw with T15 Recess
SAH.EV103524	3.5mm x 24mm Cortex Screw with T15 Recess
SAH.EV103526	3.5mm x 26mm Cortex Screw with T15 Recess
SAH.EV103528	3.5mm x 28mm Cortex Screw with T15 Recess
SAH.EV103530	3.5mm x 30mm Cortex Screw with T15 Recess
SAH.EV103532	3.5mm x 32mm Cortex Screw with T15 Recess
SAH.EV103534	3.5mm x 34mm Cortex Screw with T15 Recess
SAH.EV103536	3.5mm x 36mm Cortex Screw with T15 Recess
SAH.EV103538	3.5mm x 38mm Cortex Screw with T15 Recess
SAH.EV103540	3.5mm x 40mm Cortex Screw with T15 Recess
SAH.EV103542	3.5mm x 42mm Cortex Screw with T15 Recess
SAH.EV103544	3.5mm x 44mm Cortex Screw with T15 Recess
SAH.EV103545	3.5mm x 45mm Cortex Screw with T15 Recess
SAH.EV103546	3.5mm x 46mm Cortex Screw with T15 Recess
SAH.EV103548	3.5mm x 48mm Cortex Screw with T15 Recess
SAH.EV103550	3.5mm x 50mm Cortex Screw with T15 Recess
SAH.EV103552	3.5mm x 52mm Cortex Screw with T15 Recess
SAH.EV103554	3.5mm x 54mm Cortex Screw with T15 Recess
SAH.EV103555	3.5mm x 55mm Cortex Screw with T15 Recess
SAH.EV103556	3.5mm x 56mm Cortex Screw with T15 Recess
SAH.EV103558	3.5mm x 58mm Cortex Screw with T15 Recess
SAH.EV103560	3.5mm x 60mm Cortex Screw with T15 Recess
SAH.EV103565	3.5mm x 65mm Cortex Screw with T15 Recess



# Screws

## Locking Screws, T4 Recess, Self-Tapping

ITEM #	Description
SAH.EV121506	1.5mm x 6mm Locking Screw with T4 Recess
SAH.EV121507	1.5mm x 7mm Locking Screw with T4 Recess
SAH.EV121508	1.5mm x 8mm Locking Screw with T4 Recess
SAH.EV121509	1.5mm x 9mm Locking Screw with T4 Recess
SAH.EV121510	1.5mm x 10mm Locking Screw with T4 Recess
SAH.EV121511	1.5mm x 11mm Locking Screw with T4 Recess
SAH.EV121512	1.5mm x 12mm Locking Screw with T4 Recess
SAH.EV121514	1.5mm x 14mm Locking Screw with T4 Recess
SAH.EV121516	1.5mm x 16mm Locking Screw with T4 Recess
SAH.EV121518	1.5mm x 18mm Locking Screw with T4 Recess
SAH.EV121520	1.5mm x 20mm Locking Screw with T4 Recess
SAH.EV121522	1.5mm x 22mm Locking Screw with T4 Recess
SAH.EV121524	1.5mm x 24mm Locking Screw with T4 Recess
SAH.EV121526	1.5mm x 26mm Locking Screw with T4 Recess
SAH.EV121528	1.5mm x 28mm Locking Screw with T4 Recess
SAH.EV121530	1.5mm x 30mm Locking Screw with T4 Recess



## Locking Screws, T6 Recess, Self-Tapping

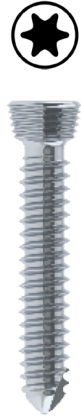
ITEM #	Description
SAH.EV122006	2.0mm x 6mm SS Locking Screw with T6 Recess
SAH.EV122008	2.0mm x 8mm SS Locking Screw with T6 Recess
SAH.EV122010	2.0mm x 10mm SS Locking Screw with T6 Recess
SAH.EV122012	2.0mm x 12mm SS Locking Screw with T6 Recess
SAH.EV122014	2.0mm x 14mm SS Locking Screw with T6 Recess
SAH.EV122016	2.0mm x 16mm SS Locking Screw with T6 Recess
SAH.EV122018	2.0mm x 18mm SS Locking Screw with T6 Recess
SAH.EV122020	2.0mm x 20mm SS Locking Screw with T6 Recess
SAH.EV122022	2.0mm x 22mm SS Locking Screw with T6 Recess
SAH.EV122024	2.0mm x 24mm SS Locking Screw with T6 Recess
SAH.EV122026	2.0mm x 26mm SS Locking Screw with T6 Recess
SAH.EV122028	2.0mm x 28mm SS Locking Screw with T6 Recess
SAH.EV122030	2.0mm x 30mm SS Locking Screw with T6 Recess



# Screws

## Locking Screws, T8 Recess, Self-Tapping

ITEM #	Description
SAH.EV122406	2.4mm x 6mm Locking Screw with T8 Recess
SAH.EV122408	2.4mm x 8mm Locking Screw with T8 Recess
SAH.EV122410	2.4mm x 10mm Locking Screw with T8 Recess
SAH.EV122412	2.4mm x 12mm Locking Screw with T8 Recess
SAH.EV122414	2.4mm x 14mm Locking Screw with T8 Recess
SAH.EV122416	2.4mm x 16mm Locking Screw with T8 Recess
SAH.EV122418	2.4mm x 18mm Locking Screw with T8 Recess
SAH.EV122420	2.4mm x 20mm Locking Screw with T8 Recess
SAH.EV122422	2.4mm x 22mm Locking Screw with T8 Recess
SAH.EV122424	2.4mm x 24mm Locking Screw with T8 Recess
SAH.EV122426	2.4mm x 26mm Locking Screw with T8 Recess
SAH.EV122428	2.4mm x 28mm Locking Screw with T8 Recess
SAH.EV122430	2.4mm x 30mm Locking Screw with T8 Recess
SAH.EV122432	2.4mm x 32mm Locking Screw with T8 Recess
SAH.EV122434	2.4mm x 34mm Locking Screw with T8 Recess
SAH.EV122436	2.4mm x 36mm Locking Screw with T8 Recess
SAH.EV122438	2.4mm x 38mm Locking Screw with T8 Recess
SAH.EV122440	2.4mm x 40mm Locking Screw with T8 Recess



ITEM #	Description
SAH.EV122710	2.7mm x 10mm Locking Screw with T8 Recess
SAH.EV122712	2.7mm x 12mm Locking Screw with T8 Recess
SAH.EV122714	2.7mm x 14mm Locking Screw with T8 Recess
SAH.EV122716	2.7mm x 16mm Locking Screw with T8 Recess
SAH.EV122718	2.7mm x 18mm Locking Screw with T8 Recess
SAH.EV122720	2.7mm x 20mm Locking Screw with T8 Recess
SAH.EV122722	2.7mm x 22mm Locking Screw with T8 Recess
SAH.EV122724	2.7mm x 24mm Locking Screw with T8 Recess
SAH.EV122726	2.7mm x 26mm Locking Screw with T8 Recess
SAH.EV122728	2.7mm x 28mm Locking Screw with T8 Recess
SAH.EV122730	2.7mm x 30mm Locking Screw with T8 Recess
SAH.EV122732	2.7mm x 32mm Locking Screw with T8 Recess
SAH.EV122734	2.7mm x 34mm Locking Screw with T8 Recess
SAH.EV122736	2.7mm x 36mm Locking Screw with T8 Recess
SAH.EV122738	2.7mm x 38mm Locking Screw with T8 Recess
SAH.EV122740	2.7mm x 40mm Locking Screw with T8 Recess



# Screws

## Locking Screws, T15 Recess, Self-Tapping

ITEM #	Description
SAH.EV123510	3.5mm x 10mm Locking Screw with T15 Recess
SAH.EV123512	3.5mm x 12mm Locking Screw with T15 Recess
SAH.EV123514	3.5mm x 14mm Locking Screw with T15 Recess
SAH.EV123516	3.5mm x 16mm Locking Screw with T15 Recess
SAH.EV123518	3.5mm x 18mm Locking Screw with T15 Recess
SAH.EV123520	3.5mm x 20mm Locking Screw with T15 Recess
SAH.EV123522	3.5mm x 22mm Locking Screw with T15 Recess
SAH.EV123524	3.5mm x 24mm Locking Screw with T15 Recess
SAH.EV123526	3.5mm x 26mm Locking Screw with T15 Recess
SAH.EV123528	3.5mm x 28mm Locking Screw with T15 Recess
SAH.EV123530	3.5mm x 30mm Locking Screw with T15 Recess
SAH.EV123532	3.5mm x 32mm Locking Screw with T15 Recess
SAH.EV123534	3.5mm x 34mm Locking Screw with T15 Recess
SAH.EV123536	3.5mm x 36mm Locking Screw with T15 Recess
SAH.EV123538	3.5mm x 38mm Locking Screw with T15 Recess
SAH.EV123540	3.5mm x 40mm Locking Screw with T15 Recess
SAH.EV123545	3.5mm x 45mm Locking Screw with T15 Recess
SAH.EV123550	3.5mm x 50mm Locking Screw with T15 Recess



## Screw Racks and Sterilization Containers

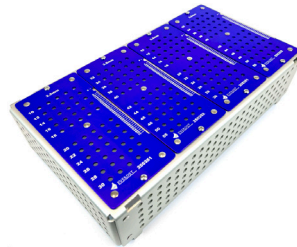
### Everost Locking & Cortex Screw Racks

ITEM #	Description
SAH.EV253180	Everost Tray, 2.4mm Locking & Cortical Screws
SAH.EV253190	Everost Tray, 2.7mm Locking & Cortical Screws
SAH.EV253226	Everost Tray, 3.5mm Locking & Cortical Screws



### Modular Screw Racks, Self Retaining

ITEM #	Description
SAH.EV255100	Everost Modular Screw Plate Bay - 2 Slot
SAH.EV255101	Everost Modular Screw Plate Bay - 4 Slot
SAH.EV255102	Everost Modular Screw Plate Bay - 6 Slot
SAH.EV255151	Everost 1.5mm Modular Screw Plate 6-18mm Holes
SAH.EV255152	Everost 1.5mm Modular Screw Plate 20-30mm Holes
SAH.EV255201	Everost 2.0mm Modular Screw Plate 6-18mm Holes
SAH.EV255202	Everost 2.0mm Modular Screw Plate 20-40mm Holes
SAH.EV255241	Everost 2.4mm Modular Screw Plate 6-26mm Holes
SAH.EV255242	Everost 2.4mm Modular Screw Plate 28-40mm Holes
SAH.EV255271	Everost 2.7mm Modular Screw Plate 6-26mm Holes
SAH.EV255272	Everost 2.7mm Modular Screw Plate 28-48mm Holes
SAH.EV255351	Everost 3.5mm Modular Screw Plate 10-30mm Holes
SAH.EV255352	Everost 3.5mm Modular Screw Plate 32-55mm Holes



## Orthopedic Instruments - Handles

ITEM #	Description
SAH.EV001357	Everost Qc Handle - Mini, For 1.5mm - 2.0mm Screwdriver Shaft
SAH.EV003152	Everost Qc T Handle



### Sterilization Cases

ITEM #	Description
SAH.EV253114	Vet Spectrum Aluminum Sterilization Case 300mm x 150mm x 75mm, Red
SAH.EV253113	Vet Spectrum Aluminum Sterilization Case 300mm x 150mm x 75mm, Blue

## Joint Management – Extracapsular Stabilization

### Lateral Suture Stabilization

#### Single Strand Swaged-On Monofilament Nylon Suture (Box of 6, 30” Length, Sterile)

ITEM #	Description
SAH.EV001606	40# Suture with Mini Cruciate Needle
SAH.EV002412	40# Suture with Small Cruciate Needle
SAH.EV002411	40# Suture with Medium Cruciate Needle
SAH.EV002410	80# Suture with Small Cruciate Needle
SAH.EV002409	80# Suture with Medium Cruciate Needle
SAH.EV002408	80# Suture with Large Cruciate Needle
SAH.EV001745	100# Suture with Medium Cruciate Needle

#### Monofilament Nylon Suture Spools (100 Yard Length)

ITEM #	Description
SAH.EV002432	20# Monofilament Nylon
SAH.EV002433	40# Monofilament Nylon
SAH.EV002434	50# Monofilament Nylon
SAH.EV003307	60# Monofilament Nylon
SAH.EV002238	80# Monofilament Nylon
SAH.EV002340	100# Monofilament Nylon

#### Double Strand Swaged-On Monofilament Nylon Suture (Box of 6, 30” Length, Sterile)

ITEM #	Description
SAH.EV002418	40# Suture with Small Cruciate Needle
SAH.EV002417	40# Suture with Medium Cruciate Needle
SAH.EV002416	80# Suture with Small Cruciate Needle
SAH.EV002415	80# Suture with Medium Cruciate Needle
SAH.EV002414	80# Suture with Large Cruciate Needle

#### Double Strand Double Swaged-On Monofilament Nylon Suture (Box of 6, 30” Length, Sterile)

ITEM #	Description
SAH.EV002423	40# Suture with Small Cruciate & 3” Straight Needles
SAH.EV002419	40# Suture with Medium Cruciate & 3” Straight Needles
SAH.EV002425	80# Suture with Small Cruciate & 3” Straight Needles
SAH.EV002421	80# Suture with Medium Cruciate & 3” Straight Needles
SAH.EV002427	80# Suture with Large Cruciate & 3” Straight Needles

#### Single Strand Double Swaged-On Monofilament Nylon Suture (Box of 6, 30” Length, Sterile)

ITEM #	Description
SAH.EV002424	40# Suture with Small Cruciate & 3” Straight Needles
SAH.EV002420	40# Suture with Medium Cruciate & 3” Straight Needles
SAH.EV002426	80# Suture with Small Cruciate & 3” Straight Needles
SAH.EV002422	80# Suture with Medium Cruciate & 3” Straight Needles
SAH.EV002428	80# Suture with Large Cruciate & 3” Straight Needles

### Snap-Off Bone Anchors

ITEM #	Description
SAH.EV002399	2.7mm Bone Anchor SS
SAH.EV002400	3.5mm Bone Anchor SS
SAH.EV002401	4.5mm Bone Anchor SS

ITEM #	Description
SAH.EV004758	2.7mm Bone Anchor Ti
SAH.EV004759	3.5mm Bone Anchor Ti
SAH.EV004760	4.5mm Bone Anchor Ti



# Joint Management – Extracapsular Stabilization

## Lateral Suture Stabilization

### Crimp Clamps

ITEM #	Description
SAH.EV002450	40# Crimp Clamp, Pack of 15
SAH.EV002451	80# Crimp Clamp, Pack of 15
SAH.EV002452	100# Crimp Clamp, Pack of 15



ITEM #	Description
SAH.EV005585	40# Titanium Nitride (TiN) Coated Crimp Clamp, Pack of 15
SAH.EV005586	80# Titanium Nitride (TiN) Coated Crimp Clamp, Pack of 15
SAH.EV005588	100# Titanium Nitride (TiN) Coated Crimp Clamp, Pack of 15

### Extracapsular Stabilization Specific Instruments

ITEM #	Description
SAH.EV005367	Everost Universal Crimping Device
SAH.EV002378	Everost Tensioning Device



### Suture Needles (Taper Point, Pack of 6)

ITEM #	Description
SAH.EV002406	Mini Cruciate Needles (Size 5)
SAH.EV002405	Small Cruciate Needles (Size 4)
SAH.EV002404	Medium Cruciate Needles (Size 3)
SAH.EV002403	Large Cruciate Needles (Size 2)
SAH.EV002407	Cruciate Needle Variety Pack (2-Small, 2-Medium, 2-Large)
SAH.EV002429	Straight Needle 3"
SAH.EV002430	Straight Needle 4"
SAH.EV002431	Straight Needle Variety Pack (3-3", 3-4")



## Extracapsular Solutions

### OrthoZip - Knotless/Crimpleless Lateral Stabilization System



#### PATIENT WEIGHT RECOMMENDATION <40 lbs (18 Kg) — 3.0 mm Anchor AND #2 Self Locking Suture

ITEM #	Description
SAH.EV005636	OrthoZip Plus Size 2 Fiber, Self Locking Suture

ITEM #	Description
SAH.EV005753	3.0mm x 16mm (10mm Thread) Cancellous OrthoZip Anchor
SAH.EV005754	3.0mm x 18mm (12mm Thread) Cancellous OrthoZip Anchor
SAH.EV005755	3.0mm x 20mm (14mm Thread) Cancellous OrthoZip Anchor
SAH.EV005756	3.0mm x 22mm (16mm Thread) Cancellous OrthoZip Anchor
SAH.EV005757	3.0mm x 24mm (18mm Thread) Cancellous OrthoZip Anchor
SAH.EV005758	3.0mm x 26mm (20mm Thread) Cancellous OrthoZip Anchor
SAH.EV005759	3.0mm x 28mm (22mm Thread) Cancellous OrthoZip Anchor
SAH.EV005760	3.0mm x 30mm (24mm Thread) Cancellous OrthoZip Anchor
SAH.EV005761	3.0mm x 32mm (26mm Thread) Cancellous OrthoZip Anchor
SAH.EV005762	3.0mm x 34mm (28mm Thread) Cancellous OrthoZip Anchor
SAH.EV005763	3.0mm x 36mm (30mm Thread) Cancellous OrthoZip Anchor
SAH.EV005764	3.0mm x 38mm (32mm Thread) Cancellous OrthoZip Anchor
SAH.EV005765	3.0mm x 40mm (24mm Thread) Cancellous OrthoZip Anchor

#### PATIENT WEIGHT RECOMMENDATION 40 -70 Lbs (18 - 32 Kg) — 4.0 mm Anchor AND #5 Self Locking Suture

ITEM #	Description
SAH.EV005731	OrthoZip Plus Size 5 Fiber, Self Locking Suture

ITEM #	Description
SAH.EV005731	4.0mm x 18mm (13mm Thread) Cancellous OrthoZip Anchor
SAH.EV005732	4.0mm x 20mm (15mm Thread) Cancellous OrthoZip Anchor
SAH.EV005735	4.0mm x 22mm (17mm Thread) Cancellous OrthoZip Anchor
SAH.EV005736	4.0mm x 24mm (19mm Thread) Cancellous OrthoZip Anchor
SAH.EV005737	4.0mm x 26mm (21mm Thread) Cancellous OrthoZip Anchor
SAH.EV005738	4.0mm x 28mm (23mm Thread) Cancellous OrthoZip Anchor
SAH.EV005739	4.0mm x 30mm (25mm Thread) Cancellous OrthoZip Anchor
SAH.EV005740	4.0mm x 32mm (27mm Thread) Cancellous OrthoZip Anchor
SAH.EV005741	4.0mm x 34mm (29mm Thread) Cancellous OrthoZip Anchor
SAH.EV005742	4.0mm x 36mm (31mm Thread) Cancellous OrthoZip Anchor
SAH.EV005743	4.0mm x 38mm (33mm Thread) Cancellous OrthoZip Anchor
SAH.EV005744	4.0mm x 40mm (35mm Thread) Cancellous OrthoZip Anchor
SAH.EV005745	4.0mm x 42mm (37mm Thread) Cancellous OrthoZip Anchor
SAH.EV005746	4.0mm x 44mm (39mm Thread) Cancellous OrthoZip Anchor



## Infection Control and Healing

### Sodium Hyaluronate Synorical Fluid Replacement

ITEM #	Description
SAH.10002	Evervisc Sodium Hyaluronate, 2ml



### Infection Prevention Lavage

ITEM #	Description
SAH.EV004988	Simini Protect Lavage, 20 ml Vial (Box of 8)

#### Additional Benefits:

- ▶ **Biofilms** - Leading anti-biofilm technology
- ▶ **Non-Antibiotic** - Locally administrated product
- ▶ **Resistant Bacteria** - MRSP and MRSA protection
- ▶ **No Resistance** - Physical mechanism of action



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# Mini SK® ESF System Components

## Mini SK® Clamp, Single

Item # 300.000

Utilizes 7mm wrenches and 3.2mm diameter stainless steel connecting rods. Supports pin diameters from 0.9mm to 2.5mm. U.S. Patent # 5,921,985

## Mini SK® Clamp, Double

Item # 300.999

Used for connecting two 3.2mm external rods. Stability provided by positive interlock between clamps. Two 7mm wrenches required.

## Mini SK® Stainless Steel Connecting Rods, 3.2mm (1/8") Diameter

Available in 25mm increments from 50mm to 150mm.

Item #	Diameter	Length	~ Inches
24200	3.2mm	50mm	(1/8" x 2")
24300	3.2mm	75mm	(1/8" x 3")
24400	3.2mm	100mm	(1/8" x 4")
24500	3.2mm	125mm	(1/8" x 5")
24600	3.2mm	150mm	(1/8" x 6")

## Drill Bits

Pre-drilling a pilot hole before fixation pin insertion optimizes pin-bone interface integrity. Each IMEX® fixation pin has an optimum drill bit size.



# Mini SK® ESF System Components

## Drill Sleeves

Designed for through-the-clamp pre-drilling with mini SK® single clamps but can be an effective drill sleeve for a variety of applications.

Item #	Description	Drill Bit	SK® Clamp
<b>34015</b>	1.5mm Drill Sleeve	1.5mm	Mini
<b>34020</b>	2.0mm Drill Sleeve	2.0mm	Mini or Small



## 7mm Angled Socket Wrench

**Item # 4.50004**

The primary wrench when applying mini SK® components. Sockets on each end support speed-wrench technique and final tightening. Also compatible with mini hybrid and mini circular ESF systems.



## 7mm Combination Wrench

**Item # 4.50003**

A second wrench is necessary when tightening double clamps. This wrench can also be applied to the flat surfaces of the primary pin-gripping bolt or clamp body to counter partially disruptive torque forces as the mini SK® single clamp is tightened.



## External Skeletal Fixation Pins

Mini SK® ESF clamps support pin diameters from 0.9mm to 2.5mm. Examples include: 0.9mm - 2.0mm miniature Interface® pins, 0.9mm - 1.6mm miniature Centerface® pins, 2.0/2.5mm positive-profile pins and 2.5mm Duraface® pins.

## Mini SK® ESF Starter Kits

### Mini SK® ESF Starter Kits

SK® starter kits are designed to provide all necessary hardware to construct a reliable frame on a given patient. The selection of clamps, rods, drill bits, drill sleeves and wrenches is identical for each kit option. Available in two kit choices differentiated by pointed or no-point versions of ESF pins.

**Item # 300.SKTDf** Includes Interface®, Duraface® and Centerface® ESF pins

Quantity	Item #	Description
10	<b>300.000</b>	Mini SK® Single Clamp*
2	<b>300.999</b>	Mini SK® Double Clamp*
2	<b>24200</b>	3.2mm x 50mm Stainless Rod
2	<b>24300</b>	3.2mm x 75mm Stainless Rod
2	<b>24400</b>	3.2mm x 100mm Stainless Rod
2	<b>24500</b>	3.2mm x 125mm Stainless Rod
2	<b>24600</b>	3.2mm x 150mm Stainless Rod
1	<b>4.50003</b>	7mm Combination Wrench
1	<b>4.50004</b>	7mm Angled Socket Wrench
1	<b>33015</b>	1.5mm ESF Drill Bit
1	<b>32020</b>	2.0mm StickTite™ Drill Bit
1	<b>34015</b>	1.5mm Drill Sleeve
1	<b>34020</b>	2.0mm Drill Sleeve
6	<b>03062</b>	1.6mm Mini Interface® Half-pin
6	<b>02062</b>	1.6mm Mini Centerface® Full-pin
8	<b>17020</b>	2.5mm Duraface® Half-pin†
4	<b>20020</b>	2.0/2.5mm Centerface® Full-pin†

**Item # 300.SKTDfNP** Includes Interface®, Duraface® No-Point and Centerface® No-Point ESF pins

Quantity	Item #	Description
10	<b>300.000</b>	Mini SK® Single Clamp*
2	<b>300.999</b>	Mini SK® Double Clamp*
2	<b>24200</b>	3.2mm x 50mm Stainless Rod
2	<b>24300</b>	3.2mm x 75mm Stainless Rod
2	<b>24400</b>	3.2mm x 100mm Stainless Rod
2	<b>24500</b>	3.2mm x 125mm Stainless Rod
2	<b>24600</b>	3.2mm x 150mm Stainless Rod
1	<b>4.50003</b>	7mm Combination Wrench
1	<b>4.50004</b>	7mm Angled Socket Wrench
1	<b>33015</b>	1.5mm ESF Drill Bit
1	<b>32020</b>	2.0mm StickTite™ Drill Bit
1	<b>34015</b>	1.5mm Drill Sleeve
1	<b>34020</b>	2.0mm Drill Sleeve
6	<b>03062</b>	1.6mm Mini Interface® Half-pin
6	<b>02062</b>	1.6mm Mini Centerface® Full-pin
8	<b>17020NP</b>	2.5mm Duraface® Half-pin, NP†
4	<b>20020NP</b>	2.0/2.5mm Centerface® Full-pin, NP†

\* U.S. Patent # 5,921,985

† U.S. Patent # 8,282,676

# Small SK® ESF System Components

## Small SK® Clamp, Single

Item # 400.000

Utilizes 8mm wrenches and 6.3mm diameter connecting rods. Supports pin diameters from 2.0mm - 4.0mm. U.S. Patent # 5,921,985



## Small SK® Clamp, Double

Item # 400.999

Used for connecting two 6.3mm external rods. Stability provided by positive interlock between clamps. Two 8mm wrenches required.



## Small SK® Titanium Connecting Rods, 6.3mm Diameter

Available in 50mm length increments from 50mm to 250mm. The titanium rod offers added strength compared to carbon fiber when using larger diameter pins and pushing the upper limits of the small SK® frame.

Item #	Diameter	Length	~ Inches
405.050	6.3mm	50mm	(1/4" x 2")
405.100	6.3mm	100mm	(1/4" x 4")
405.150	6.3mm	150mm	(1/4" x 6")
405.200	6.3mm	200mm	(1/4" x 8")
405.250	6.3mm	250mm	(1/4" x 10")



## Small SK® Carbon Fiber Connecting Rods, 6.3mm Diameter

Available in 50mm length increments from 50mm to 250mm. Carbon fiber rods feature near radiolucency, enabling traditional-view radiographs without interference from overlapping rods. When using 2.5mm Duraface®, 2.0/2.5mm Interface® or Centerface®, 3.2mm Duraface®, or 2.4/3.2mm Interface® or Centerface®, carbon fiber has more than adequate strength. **Autoclavable**

Item #	Diameter	Length	~ Inches
406.050	6.3mm	50mm	(1/4" x 2")
406.100	6.3mm	100mm	(1/4" x 4")
406.150	6.3mm	150mm	(1/4" x 6")
406.200	6.3mm	200mm	(1/4" x 8")
406.250	6.3mm	250mm	(1/4" x 10")



# Small SK® ESF System Components

## Drill Bits

Pre-drilling a pilot hole before fixation pin insertion optimizes pin-bone interface integrity. Each IMEX® fixation pin has an optimum drill bit size.



## Drill Sleeves

Designed for through-the-clamp pre-drilling with SK® single clamps, but can be an effective drill sleeve for a variety of applications.

Item #	Description	Drill Bit	SK® Clamp
<b>34020</b>	2.0mm Drill Sleeve	2.0mm	Mini or Small
<b>34023</b>	2.3mm Drill Sleeve	2.3mm	Small
<b>34027</b>	2.7mm Drill Sleeve	2.7mm	Small
<b>34031</b>	3.1mm Drill Sleeve	3.1mm	Small or Large



## 8mm Angled Socket Wrench

Item # 408.802

The primary wrench when applying small SK® components. Sockets on each end support speed-wrench technique and final tightening.



## 8mm Combination Wrench

Item # 408.801

A second wrench is necessary when tightening double clamps. This wrench can also be applied to the flat surfaces of the primary pin-gripping bolt or clamp body to counter potentially disruptive torque forces as the SK® single clamp is tightened.



## External Skeletal Fixation Pins

Small SK® ESF clamps support pin diameters from 2.0mm to 4.0mm. Examples include: 2.0/2.5mm to 3.2/4.0mm positive-profile pins and 2.5mm to 4.0mm Duraface® pins.

# Small SK® ESF Starter Kits

## Small SK® ESF Starter Kits

SK® starter kits are designed to provide all necessary hardware to construct a reliable frame on a given patient. The selection of clamps, rods, drill bits, drill sleeves and wrenches is identical for each kit option. Available in two kit choices differentiated by pointed or no-point versions of ESF pins.

Item # 400.SKTDf			Item # 400.SKTDfNP		
Includes Duraface® and Centerface® ESF pins			Includes Duraface® No-Point and Centerface® No-Point ESF pins		
Quantity	Item #	Description	Quantity	Item #	Description
10	<b>400.000</b>	Small SK® Single Clamp*	10	<b>400.000</b>	Small SK® Single Clamp*
2	<b>400.999</b>	Small SK® Double Clamp*	2	<b>400.999</b>	Small SK® Double Clamp*
1	<b>405.100</b>	6.3mm x 100mm Titanium Rod	1	<b>405.100</b>	6.3mm x 100mm Titanium Rod
1	<b>405.150</b>	6.3mm x 150mm Titanium Rod	1	<b>405.150</b>	6.3mm x 150mm Titanium Rod
1	<b>405.200</b>	6.3mm x 200mm Titanium Rod	1	<b>405.200</b>	6.3mm x 200mm Titanium Rod
1	<b>405.250</b>	6.3mm x 250mm Titanium Rod	1	<b>405.250</b>	6.3mm x 250mm Titanium Rod
1	<b>406.050</b>	6.3mm x 50mm Carbon Fiber Rod	1	<b>406.050</b>	6.3mm x 50mm Carbon Fiber Rod
1	<b>406.100</b>	6.3mm x 100mm Carbon Fiber Rod	1	<b>406.100</b>	6.3mm x 100mm Carbon Fiber Rod
1	<b>406.150</b>	6.3mm x 150mm Carbon Fiber Rod	1	<b>406.150</b>	6.3mm x 150mm Carbon Fiber Rod
1	<b>406.200</b>	6.3mm x 200mm Carbon Fiber Rod	1	<b>406.200</b>	6.3mm x 200mm Carbon Fiber Rod
1	<b>406.250</b>	6.3mm x 250mm Carbon Fiber Rod	1	<b>406.250</b>	6.3mm x 250mm Carbon Fiber Rod
1	<b>408.801</b>	8mm Combination Wrench	1	<b>408.801</b>	8mm Combination Wrench
1	<b>408.802</b>	8mm Angled Socket Wrench	1	<b>408.802</b>	8mm Angled Socket Wrench
1	<b>33023</b>	2.3mm ESF Drill Bit	1	<b>33023</b>	2.3mm ESF Drill Bit
1	<b>33031</b>	3.1mm ESF Drill Bit	1	<b>33031</b>	3.1mm ESF Drill Bit
1	<b>34023</b>	2.3mm Drill Sleeve	1	<b>34023</b>	2.3mm Drill Sleeve
1	<b>34031</b>	3.1mm Drill Sleeve	1	<b>34031</b>	3.1mm Drill Sleeve
8	<b>17332</b>	3.2mm Duraface® Half-pin†	8	<b>17332NP</b>	3.2mm Duraface® Half-pin, NP†
4	<b>20332</b>	2.4/3.2mm Centerface® Full-pin	4	<b>20332NP</b>	2.4/3.2mm Centerface® Full-pin, NP
8	<b>17180</b>	4.0mm Duraface® Half-pin†	8	<b>17180NP</b>	4.0mm Duraface® Half-pin, NP†
4	<b>20180</b>	3.2/4.0mm Centerface® Full-pin	4	<b>20180NP</b>	3.2/4.0mm Centerface® Full-pin, NP

\* U.S. Patent # 5,921,985  
 † U.S. Patent # 8,282,676

## Small SK® Range of Motion (ROM™) Hinge

Range of motion (ROM™) hinges feature an adjustable joint angle and allow a variable range of motion as selected by the surgeon. Each size contains a multi-toothed locking nut that allows the surgeon to lock-in any desired starting position or “normal standing angle.” The opposite end features a central flat that determines the locked position and two adjacent arcs that allow for a chosen degree of motion. The ability to progressively increase the allotted range of motion during the healing period is unique to the ROM™ hinge and can be utilized or ignored depending on patient management requirements.

ROM™ hinges are modular by design and the hinge rods are easily interchanged to accommodate different limb length and patient anatomy. To change rods, loosen the corresponding nut or nuts and unscrew the rod from its mating hinge pin. This can usually be done by hand but a pair of pliers can be used if needed. Since the hinge pin is held in position by the rod, it must be positioned before screwing in the replacement rod. Rod insertion into the hinge pin can be achieved from one direction only; therefore, it is necessary to seat the hinge pin properly to ensure correct rod insertion.

ROM™ hinges should be reserved for challenging situations that demand controlled motion or intermittent therapy. They should not be considered for most routine transarticular fixation frames.

### Small SK® Range of Motion (ROM™) Hinge

The small ROM™ hinge utilizes standard 6.3mm SK® titanium hybrid rods as the external bars. As purchased, the small SK® ROM™ hinge comes assembled with 75mm and 100mm hybrid rods. Overall length measures approximately 185mm. Other lengths of hybrid rods can be exchanged to create a custom length ROM™ hinge assembly. Small ROM™ hinge nuts utilize two 10mm wrenches.

Item #	Overall Length	Clamp Size
430.000	185mm	Small SK®



### Small SK® Titanium Hybrid Rods, 6.3mm Diameter, 6mm Thread

Small SK® titanium hybrid rods are commonly utilized to construct hybrid ESF frames but are also a modular assembly element of the small SK® ROM™ hinge. Length increments from 50mm to 250mm are available allowing custom modification of small ROM™ hinge assemblies.

Item #	Diameter	Length	~ Inches
407.050	6.3mm	50mm	(1/4" x 2")
407.075	6.3mm	75mm	(1/4" x 3")
407.100	6.3mm	100mm	(1/4" x 4")
407.150	6.3mm	150mm	(1/4" x 6")
407.200	6.3mm	200mm	(1/4" x 8")
407.250	6.3mm	250mm	(1/4" x 10")



## Large SK® ESF System Components

### Large SK® Clamp, Single

Item # 500.000

Utilizes 10mm wrenches and 9.5mm diameter connecting rods. Supports pin diameters from 3.2mm - 4.8mm. U.S. Patent # 5,921,985



### Large SK® Clamp, Double

Item # 500.999

For connecting two 9.5mm external rods. Stability provided by positive interlock between clamps. Two 10mm wrenches required.



### Large SK® Carbon Fiber Connecting Rods, 9.5mm Diameter

Available in 50mm length increments from 50mm to 350mm. Tremendous rod strength compared to traditional KE type rods. Carbon fiber rods offer near radiolucency to simplify radiographic imaging. **Autoclavable**

Item #	Diameter	Length
506.050	9.5mm	50mm (2")
506.100	9.5mm	100mm (4")
506.150	9.5mm	150mm (6")
506.200	9.5mm	200mm (8")
506.250	9.5mm	250mm (10")
506.300	9.5mm	300mm (12")
506.350	9.5mm	350mm (14")



# Large SK® ESF System Components

## Drill Bits

Pre-drilling a pilot hole before fixation pin insertion optimizes pin-bone interface integrity. Each IMEX® fixation pin has an optimum drill bit size.



## Drill Sleeves

Designed for through-the-clamp pre-drilling with the SK® single clamps, but can be an effective drill sleeve for a variety of applications.

Item #	Description	Drill Bit	SK® Clamp
<b>34031</b>	3.1mm Drill Sleeve	3.1mm	Small or Large
<b>34035</b>	3.5mm Drill Sleeve	3.5mm	Large
<b>34039</b>	3.9mm Drill Sleeve	3.9mm	Large



## 10mm Angled Socket Wrench

Item # 508.102

The primary wrench when applying large SK® components. Sockets on each end support speed-wrench technique and final tightening. Also compatible with IMEX® hybrid and circular ESF systems.



## 10mm Combination Wrench

Item # 2.50003

A second wrench is necessary when tightening double clamps. This wrench can also be applied to the flat surfaces of the primary pin-gripping bolt and clamp body to counter potentially disruptive torque forces as the SK® single clamp is tightened.



## External Skeletal Fixation Pins

Large SK® ESF clamps support pin diameters from 3.2mm to 4.8mm. Examples include: 3.2/4.0mm to 4.0/4.8mm positive-profile pins and 3.5mm to 4.8mm Duraface® pins.

# Large SK® ESF Starter Kits

## Large SK® ESF Starter Kits

SK® starter kits are designed to provide all necessary hardware to construct a reliable frame on a given patient. The selection of clamps, rods, drill bits, drill sleeves and wrenches is identical for each kit option. Available in two kit choices differentiated by pointed or no-point versions of ESF pins.

Item # 500.SKTDf			Item # 500.SKTDfNP		
Includes Duraface® and Centerface® ESF pins			Includes Duraface® No-Point and Centerface® No-Point ESF pins		
Quantity	Item #	Description	Quantity	Item #	Description
10	<b>500.000</b>	Large SK® Single Clamp*	10	<b>500.000</b>	Large SK® Single Clamp*
2	<b>500.999</b>	Large SK® Double Clamp*	2	<b>500.999</b>	Large SK® Double Clamp*
1	<b>506.050</b>	9.5mm x 50mm Carbon Fiber Rod	1	<b>506.050</b>	9.5mm x 50mm Carbon Fiber Rod
2	<b>506.100</b>	9.5mm x 100mm Carbon Fiber Rod	2	<b>506.100</b>	9.5mm x 100mm Carbon Fiber Rod
2	<b>506.150</b>	9.5mm x 150mm Carbon Fiber Rod	2	<b>506.150</b>	9.5mm x 150mm Carbon Fiber Rod
2	<b>506.200</b>	9.5mm x 200mm Carbon Fiber Rod	2	<b>506.200</b>	9.5mm x 200mm Carbon Fiber Rod
2	<b>506.250</b>	9.5mm x 250mm Carbon Fiber Rod	2	<b>506.250</b>	9.5mm x 250mm Carbon Fiber Rod
2	<b>506.300</b>	9.5mm x 300mm Carbon Fiber Rod	2	<b>506.300</b>	9.5mm x 300mm Carbon Fiber Rod
1	<b>2.50003</b>	10mm Combination Wrench	1	<b>2.50003</b>	10mm Combination Wrench
1	<b>508.102</b>	10mm Angled Socket Wrench	1	<b>508.102</b>	10mm Angled Socket Wrench
1	<b>33031</b>	3.1mm ESF Drill Bit	1	<b>33031</b>	3.1mm ESF Drill Bit
1	<b>33039</b>	3.9mm ESF Drill Bit	1	<b>33039</b>	3.9mm ESF Drill Bit
1	<b>34031</b>	3.1mm Drill Sleeve	1	<b>34031</b>	3.1mm Drill Sleeve
1	<b>34039</b>	3.9mm Drill Sleeve	1	<b>34039</b>	3.9mm Drill Sleeve
8	<b>17180</b>	4.0mm Duraface® Half-pin†	8	<b>17180NP</b>	4.0mm Duraface® Half-pin, NP†
4	<b>20180</b>	3.2/4.0mm Centerface® Full-pin	4	<b>20180NP</b>	3.2/4.0mm Centerface® Full-pin, NP
8	<b>17532</b>	4.8mm Duraface® Half-pin†	8	<b>17532NP</b>	4.8mm Duraface® Half-pin, NP†
4	<b>20532</b>	4.0/4.8mm Centerface® Full-pin	4	<b>20532NP</b>	4.0/4.8mm Centerface® Full-pin, NP

\* U.S. Patent # 5,921,985  
 † U.S. Patent # 8,282,676

## Large SK® Range of Motion (ROM™) Hinge

Range of motion (ROM™) hinges feature an adjustable joint angle and allow a variable range of motion as selected by the surgeon. Each size contains a multi-toothed locking nut that allows the surgeon to lock-in any desired starting position or “normal standing angle.” The opposite end features a central flat that determines the locked position and two adjacent arcs that allow for a chosen degree of motion. The ability to progressively increase the allotted range of motion during the healing period is unique to the ROM™ hinge and can be utilized or ignored depending on patient management requirements.

ROM™ hinges should be reserved for challenging situations that demand controlled motion or intermittent therapy. They should not be considered for most routine transarticular fixation frames.

### Large SK® Range of Motion (ROM™) Hinge

The large ROM™ hinge uses special titanium hinge rods with 8mm threads and a 9.5mm rod diameter that accepts large SK® ESF clamps. As purchased, the large SK® ROM™ hinge comes assembled with 100mm and 150mm hinge rods and measures approximately 260mm in length. Other lengths of large ROM™ hinge rods can be exchanged to create a custom length ROM™ hinge assembly. Requires 13mm and 15mm wrenches (not included).

Item #	Overall Length	Clamp Size
<b>530.000</b>	260mm	Large SK®



### Large Titanium ROM™ Hinge Rods, 9.5mm Diameter, 8mm Thread

The major, smooth portion of this rod supports large SK® clamps with its 9.5mm diameter. One end of the rod has 8mm threads, which mate in the large ROM™ hinge pin. Available in four lengths to provide the surgeon a modular opportunity to construct a large ROM™ hinge assembly with each rod being of appropriate length for the clinical case.

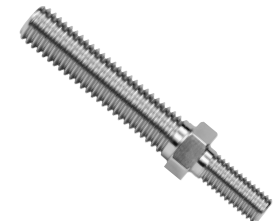
Item #	Diameter	Length
<b>530.075</b>	9.5mm	75mm (3")
<b>530.100</b>	9.5mm	100mm (4")
<b>530.150</b>	9.5mm	150mm (6")
<b>530.200</b>	9.5mm	200mm (8")



### Large SK® Range of Motion (ROM™) Hinge Adapters

Utilized to mount the large SK® ROM™ hinge to IMEX® circular fixation rings. The SK® ROM™ hinge adapter features an 8mm threaded end to mate with the large SK® ROM™ hinge and a 6mm threaded end to articulate with circular fixation rings.

Item #	Length	Thread Diameters
<b>531.045</b>	45mm	6mm/8mm
<b>531.055</b>	55mm	6mm/8mm



# Acrylx™ ESF Acrylic System Components

Acrylx™ is a methacrylate based composite resin designed to simplify construction of pin and acrylic external fixators on toy breeds, avian, exotics and mandibular fractures. Unlike other commonly used products, Acrylx™ has minimal odor and does not require pre-mixing before application. Acrylx™ is near-radiolucent while providing abrasion resistance and high strength.

## Acrylx™ Resin Cartridge

Item # 70012

A single cartridge provides 50ml of mixed product – enough material to construct several small patient frames. Maximum shelf-life is maintained by refrigerated storage. If refrigerated, it is recommended to allow the cartridge to reach room temperature before use as not to alter setting characteristics. A 12-minute set time is typical. Each cartridge purchase includes five yellow and five pink mixing tips. **External use only**



## Acrylx™ Applicator Gun

Item # 70011

The custom mixing gun accepts the divided Acrylx™ cartridge, is easy to control, durable and should last many years under normal use.



## Acrylx™ Mixing Tips

Mixing tips are available in a variety of sizes and can be ordered individually. Five yellow and five pink tips are included with each cartridge purchase.



Item #	Description
70013	Acrylx™ Mixing Tip, Fine (Blue)
70014	Acrylx™ Mixing Tip, Medium (Yellow)
70015	Acrylx™ Mixing Tip, Large (Pink)
70016	Acrylx™ Mixing Tip, Extra Large (Blue-Green)

# Acrylx™ ESF Acrylic System Components

## Acrylx™ Corrugated Tubing and Plugs

Acrylx™ is most commonly applied using thin-wall tubing as a mold. IMEX® provides two tube diameters for small patients: 6mm and 10mm. 6mm tubing is easily filled using medium, large, or extra large mixing tips. 10mm tubing utilizes an adapter plug which fits the mixing tip for a clean and smooth fill. Large or extra large mixing tips are commonly used with 10mm tubing.



Item #	Description	Max Pin Diameter
<b>70020</b>	Tubing, 6mm x 300mm	1.1mm (0.045")
<b>70050</b>	Tubing, 10mm x 300mm	2.0mm (5/64")
<b>70060</b>	Adapter Plug, 10mm	–
<b>70060R</b>	Solid Plug, 10mm	–

## Acrylx™ Accessory Pack

### Item # 70080

Accessory pack includes a variety of all mixing tips and tube sizes as well as 10mm adapter plugs. This pack is designed to provide all options at initial purchase of applicator gun and cartridge. All items in the kit are available individually for future orders or specific needs.

Qty	Item #	Description
3	<b>70013</b>	Mixing Tips, Fine (Blue)
3	<b>70014</b>	Mixing Tips, Medium (Yellow)
3	<b>70015</b>	Mixing Tips, Large (Pink)
3	<b>70016</b>	Mixing Tips, Extra Large (Blue-Green)
3	<b>70020</b>	Corrugated Tubing, 6 mm x 300 mm
3	<b>70050</b>	Corrugated Tubing, 10 mm x 300 mm
5	<b>70060</b>	10 mm Adapter Plug
5	<b>70060R</b>	10 mm Solid Plug

## SK® Hybrid ESF Rods

### Mini SK® Stainless Steel Hybrid Rod, 3.2mm Diameter, 4mm Thread

The major, smooth portion of this rod supports mini SK® clamps with its 3.2mm diameter. One end of the rod has 4mm threads for coupling with IMEX® Miniature Circular ESF System components. Hybrid frames utilize circular ESF technology for very small fracture segments without the complexity of a complete circular ESF frame. Additional use of paired spherical nuts and washers allow postoperative manipulation to fine-tune reduction. Easily cut to desired length.

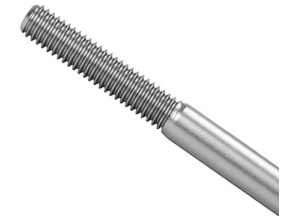
Item #	Diameter	Length	~ Inches
<b>307.125</b>	3.2mm	125mm	(1/8" x 5")



### Small SK® Titanium Hybrid Rods, 6.3mm Diameter, 6mm Thread

Small SK® titanium hybrid rods are commonly utilized to construct hybrid ESF frames but are also a modular assembly element of the small SK® ROM™ hinge. Length increments from 50mm to 250mm are available allowing custom modification of small ROM™ hinge assemblies.

Item #	Diameter	Length	~ Inches
<b>407.050</b>	6.3mm	50mm	(1/4" x 2")
<b>407.075</b>	6.3mm	75mm	(1/4" x 3")
<b>407.100</b>	6.3mm	100mm	(1/4" x 4")
<b>407.150</b>	6.3mm	150mm	(1/4" x 6")
<b>407.200</b>	6.3mm	200mm	(1/4" x 8")
<b>407.250</b>	6.3mm	250mm	(1/4" x 10")



# VariBall Locking Hybrid Rods and Universal Hybrid Adapter

## VariBall Locking Hybrid Rods

The VariBall Locking Hybrid Rod (LHR) offers the surgeon approximately 100 degrees of angular freedom when creating hybrid ESF frames. The VariBall LHR features a small footprint that consumes only one hole on IMEX® circular fixation rings. Integrated 6mm bolt provides easy frame assembly onto IMEX® 50mm, 66mm, 84mm or 118mm CESF rings.

The multi-directional, locking ball is integrated with a 6.3mm carbon fiber rod for compatibility with the small SK® ESF clamp. Available in 4 lengths to minimize the need to cut carbon fiber rods.

As with most hybrid ESF frames, additional support struts or Type I-b frames are recommended.

Item #	Functional Rod Length	Overall Length	Rod Diameter
420.100	95mm	120mm	6.3mm
420.150	145mm	170mm	6.3mm
420.200	195mm	220mm	6.3mm
420.250	245mm	270mm	6.3mm

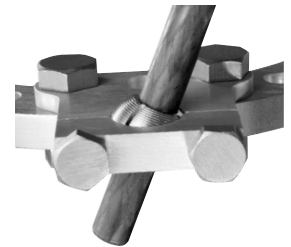


## Universal SK® Hybrid Adapter

### Item # 410.000

The small Universal SK® Hybrid Adapter offers the advantage of using standard 6.3mm titanium or carbon fiber rods to create hybrid frames. In addition, it offers up to 60 degrees of adjustment compared to 15 degrees using standard spherical nuts and washers. As with most hybrid ESF frames, additional support struts or Type I-b frames are recommended.

- Attaches easily to a 50mm, 66mm, 84mm or 118mm ring with two 6mm x 16mm hex bolts and 6mm hex nuts. Third hole can be utilized for additional hardware placement.
- Rod-gripping element fits 6.3mm rods and allows 60 degrees of adjustment. Accepts standard small SK® ESF titanium or carbon fiber rods.
- Rod-gripping bolts should alternately be tightened using a lag effect to secure the rod.
- Does not reduce the need for additional sidebar or support struts.



## SK® Hybrid ESF Starter Kits

### Small SK® Hybrid ESF Starter Kit\*

Item # HYSKT

Quantity	Item #	Description
2	<b>407.050</b>	Hybrid Rod, 6.3mm x 50mm
2	<b>407.075</b>	Hybrid Rod, 6.3mm x 75mm
2	<b>407.100</b>	Hybrid Rod, 6.3mm x 100mm
2	<b>407.150</b>	Hybrid Rod, 6.3mm x 150mm
2	<b>407.200</b>	Hybrid Rod, 6.3mm x 200mm
2	<b>407.250</b>	Hybrid Rod, 6.3mm x 250mm
1	<b>2.15004</b>	Stretch Ring, 50mm x 3.2mm
1	<b>2.16604</b>	Stretch Ring, 66mm x 3.2mm
1	<b>2.18404</b>	Stretch Ring, 84mm x 4.7mm
1	<b>2.15001</b>	Full Ring, 50mm x 3.2mm
1	<b>2.16601</b>	Full Ring, 66mm x 3.2mm
1	<b>2.18401</b>	Full Ring, 84mm x 4.7mm
6	<b>2.30007</b>	Hex Bolt, 6mm x 12mm
4	<b>2.30016</b>	Hex Bolt, 6mm x 16mm
2	<b>2.30003</b>	Hex Bolt, 6mm x 40mm
3	<b>2.30001</b>	Extended Nut, 6mm x 12mm
20	<b>2.30006</b>	Hex Nut, 6mm
15	<b>2.30008</b>	Flat Washer, 6mm
6	<b>2.30004</b>	Cannulated/Slotted Wire Fixation Bolt, 6mm
6	<b>2.30005</b>	Slotted Wire Fixation Washer, 6mm
4	<b>2.30009</b>	Half-pin Fixation Bolt
1	<b>2.60001</b>	Angular Hinge Assembly, 6mm
1	<b>2.50002</b>	3mm Hex Driver - "L"
2	<b>2.70005</b>	One-hole Post
2	<b>2.70006</b>	Two-hole Post
4	<b>2.70007</b>	Spherical Nut, 6mm
4	<b>2.70008</b>	Spherical Washer, 6mm

Quantity	Item #	Description
1	<b>420.200</b>	VariBall Locking Hybrid Rods, 6.3mm x 200mm
2	<b>2.40001</b>	Fixation Wire, 1.6mm x 220mm
6	<b>2.40002</b>	Stopper Fixation Wire, 1.6mm x 200mm
1	<b>2.50014</b>	Dyna™ Wire Tensioner
2	<b>2.50003</b>	10mm Combination Wrench
1	<b>508.102</b>	10mm Angled Socket Wrench
1	<b>30012</b>	Yellow Polypropylene Tray

#### Popular additions to the Small SK® Hybrid ESF Starter Kit

**Item # 2.70002** – Two-hole Plate

**Item # 410.000** – Universal SK® Hybrid Adapter

\* Small SK® components and instrumentation required for Small SK® Hybrid ESF Starter Kit

## SK® Hybrid ESF Starter Kits

### Mini SK® Hybrid ESF Starter Kit\*

Item # MHYSKT

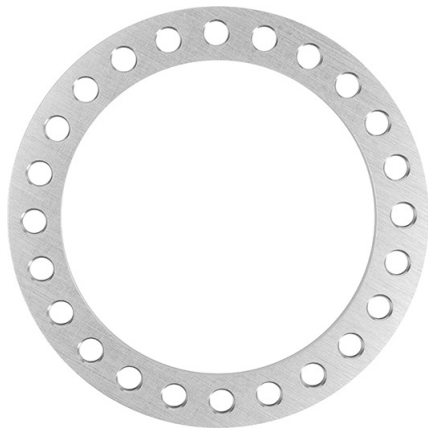
Quantity	Item #	Description
2	<b>307.125</b>	Hybrid Rod, 3.2mm x 125mm
1	<b>4.13501</b>	Full Ring, 35mm x 2.4mm
1	<b>4.14501</b>	Full Ring, 45mm x 2.4mm
1	<b>4.14504</b>	Stretch Ring, 45mm x 2.4mm
6	<b>4.30001</b>	Cannulated/Slotted Wire Fixation Bolt, 4mm
6	<b>4.30005</b>	Slotted Wire Fixation Washer, 4mm
1	<b>4.60001</b>	Angular Hinge Assembly, Mini
2	<b>4.70005</b>	One-hole Post, Mini
16	<b>4.30006</b>	Hex Nut, 4mm
10	<b>4.30008</b>	Flat Washer, 4mm
4	<b>4.70007</b>	Spherical Nut, 4mm
4	<b>4.70008</b>	Spherical Washer, 4mm
4	<b>300.003</b>	Hex Bolt, 4mm x 8mm
6	<b>4.40002</b>	Stopper Wire, 1.0mm x 125mm
1	<b>4.50003</b>	7mm Combination Wrench

\* Mini SK® components and instrumentation required for above kit.

For pins and wires larger than 1.6mm (0.062") consider using the mini SK® clamp bolt for a half-pin fixation bolt. This can be purchased separately as item number 300.001 or taken from a mini SK® clamp assembly.

# Fixation Rings

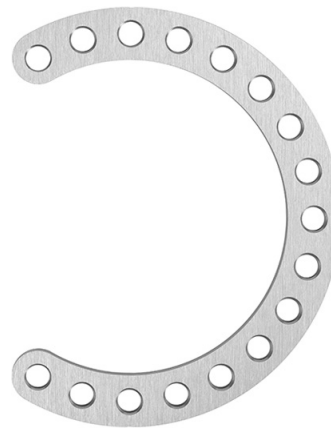
High-strength, anodized aluminum circular fixation rings are available in full, 5/8, 1/3, stretch, and spinal arches. Provides frame design simplicity.



## Full Rings

Basic building blocks of the IMEX® Circular ESF System.

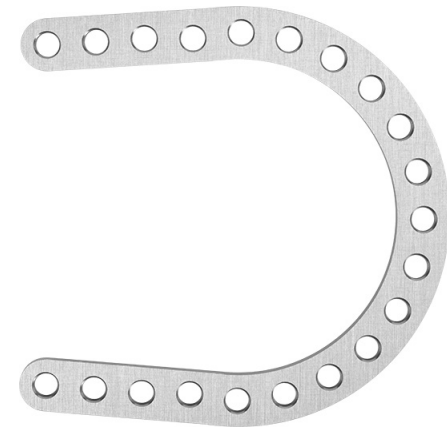
Item #	Internal Diameter	Thickness
<b>2.15001</b>	50mm	3.2mm
<b>2.16601</b>	66mm	3.2mm
<b>2.18401</b>	84mm	4.7mm
<b>2.11181</b>	118mm	6.3mm



## 5/8 Rings

Typically used alone to avoid anatomical constraints. Can be closed with 1/3 ring.

Item #	Internal Diameter	Thickness
<b>2.15002</b>	50mm	3.2mm
<b>2.16602</b>	66mm	3.2mm
<b>2.18402</b>	84mm	4.7mm
<b>2.11182</b>	118mm	6.3mm

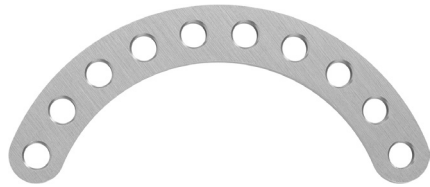


## Stretch Rings

Popular around hock and elbow to allow range of motion without a larger ring diameter being used. Can be closed with a 1/3 ring if desired.

Item #	Internal Diameter	Thickness
<b>2.15004</b>	50mm	3.2mm
<b>2.16604</b>	66mm	3.2mm
<b>2.18404</b>	84mm	4.7mm
<b>2.11184</b>	118mm	6.3mm

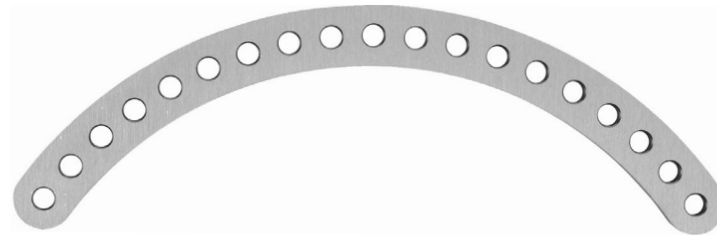
## Fixation Rings



### 1/3 Rings

Can be utilized alone as a supporting element, or can be utilized to close a 5/8 ring or stretch ring if additional mechanical properties are desired.

Item #	Internal Diameter	Thickness
<b>2.15003</b>	50mm	3.2mm
<b>2.16603</b>	66mm	3.2mm
<b>2.18403</b>	84mm	4.7mm
<b>2.11183</b>	118mm	6.3mm



### Spinal Arches

A structural element for the IMEX® Circular ESF System. The large radius of the spinal arch allows temporary or permanent placement of fine wire or half-pins along the spine for reduction or repair of spinal injuries. Often used with small SK® clamps for 6mm threaded rod (**Item # 2.80001**).

Item #	Internal Diameter	Thickness
<b>2.80140</b>	140mm	6.3mm
<b>2.80220</b>	220mm	6.3mm

# Linear Motors and Threaded Rods

## Linear Distraction Motors

Available in three lengths for applying distraction or compression. When a shorter motor approaches maximum distraction, the threaded rod can be driven back into the motor and the motor removed and replaced with the next longer motor. This sequential swap method is more stable and easier than merely adding longer rods to a motor as it reaches maximum distraction. Visualization holes in the motor body enable the surgeon to determine when the motor approaches maximum distraction. U.S. Patent # 5,968,043

- Provides for simplified frame construction and patient management
- Zero Tolerance/Zero Motion design helps ensure owner compliance and patient comfort
- 3mm hex drive recess and 10mm wrench flats
- Stainless bodies and threaded rod with nylon drive bushings
- Capable of being swapped out in sequence to maintain frame integrity over long distractions
- Thread pitch = 1.0mm

Item #	Length*	Distraction Length
<b>2.25500</b>	50mm	12mm
<b>2.25700</b>	70mm	33mm
<b>2.25100</b>	100mm	60mm

\* Base of body to top of drive bushing

## Threaded Rods, 6mm

Stainless steel with 3mm hex drive recess on both ends, which allows for rapid exchange of rods. Thread pitch = 1.0mm

Item #	Thread Diameter	Length
<b>2.26600</b>	6mm	60mm
<b>2.26800</b>	6mm	80mm
<b>2.26100</b>	6mm	100mm
<b>2.26150</b>	6mm	150mm
<b>2.26255</b>	6mm	255mm



# Bolts, Nuts and Washers

ITEM # DESCRIPTION

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**2.70001** **Nylon Zero Tolerance Nut, 6mm**

Zero Tolerance/Zero Motion design. Can be utilized to compress or distract rings, rods, and hinges. Perfect when rings are too close to mount a linear motor. Also used for bone transport. **Must be used in pairs.** Best manipulated with 10mm double wrench (**Item # 2.50005**). Thread pitch equals 1.0mm. U.S. Patent # 5,968,043



**2.30007** **Hex Bolt, 6mm x 12mm**

Utilized as fastening element for linear motors, slotted washers, hinges, and other components. Stainless steel. 10mm wrench flats.



**2.30016** **Hex Bolt, 6mm x 16mm**

A handy fastener for creation of drop wires when using thicker rings. The extra length supports placement of additional flat or slotted washers. Also used to mount the universal SK<sup>®</sup> hybrid adapter to rings. Head is marked “16” to differentiate from the more common 12mm hex bolt. Stainless steel. 10mm wrench flats.



**2.30003** **Hex Bolt, 6mm x 40mm**

Couples with 20mm spacer to provide quick, accurate assembly of minimal length ring blocks. Also used to mount angular hinges above ring. Stainless steel. 10mm wrench flats.



**2.30006** **Hex Nut, 6mm**

The basic fastening element of circular and hybrid ESF systems. Fits all rods, motors, and bolts. Stainless steel. 10mm wrench flats.



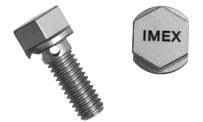
**2.30002** **Spacer, 20mm**

Couples with 40mm hex bolt to provide rapid, accurate assembly of ring blocks. Stainless steel.



# Bolts, Nuts and Washers

ITEM #	DESCRIPTION
2.30001	<p><b>Extended Nut, 6mm</b></p> <p>Extended nuts are designed with an increased height of 12mm to simplify application of fasteners and components at locations that are difficult to approach with a wrench. Stainless steel.</p>
2.30008	<p><b>Flat Washer, 6mm</b></p> <p>Provides needed fill or offset during frame construction to maintain wire alignment. Stainless steel.</p>
2.30004	<p><b>Cannulated / Slotted Wire Fixation Bolt</b></p> <p>Bolt is slotted and cannulated, providing two different points to capture and anchor fixation wires to rings. 6mm thread, 10mm wrench flats. Stainless steel.</p>
2.30005	<p><b>Slotted Wire Fixation Washer</b></p> <p>Allows capture of fixation wires to rings (or rods) at locations otherwise occupied by supporting elements. Also utilized for drop-wire technique. Can be pre-placed in several locations for optimal freedom. Stainless steel.</p>
2.30009	<p><b>Half-Pin Fixation Bolt</b></p> <p>Anchors traditional half-pins or full-pins to rings. Accepts 3.0mm to 4.8mm pins. 6mm thread, 10mm wrench flats. Stainless steel. U.S. Patent # 5,921,985</p>
2.70007	<p><b>Spherical Nut, 6mm</b></p>
2.70008	<p><b>Spherical Washer, 6mm</b></p> <p>By placing a pair on each side of a ring, rod angle can be adjusted to fine-tune reduction and assembly. Six pairs will allow a ring or ring block with three rods to be adjusted. <b>Two mating pairs must be used</b> requiring two 10mm wrenches. Stainless steel.</p>



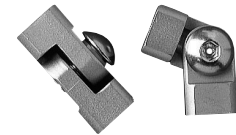
## Plates and Posts

ITEM #	DESCRIPTION
2.70002	<b>Two-Hole Plate</b> Can be utilized to construct frames with different diameter rings, to mount hinges “outboard” off ring surface, or to elongate partial ring assemblies. Also valuable with free-form frame construction. Stainless steel.
2.70005	<b>One-Hole Post</b>
2.70006	<b>Two-Hole Post</b> Mounts to ring to support additional wires, half-pins, and other elements. Stainless steel.
2.80001	<b>Small SK® ESF Clamp for 6mm Threaded Rod</b> Similar in design to our small SK® ESF clamp; however, it has a threaded, rod-gripping channel which mounts on 6mm threaded rods. Allows addition of clamp and half-pin anywhere along a threaded rod. U.S. Patent # 5,921,985



## Angular Distraction Components and Fixation Wires

ITEM #	DESCRIPTION
2.60001	<p><b>Angular Hinge Assembly</b></p> <p>Used in pairs with angular motors for gradual correction of challenging angular deformities. Cannulated hinge screw allows for easier frame construction and utilizes a 3mm hex driver. Loosen prior to steam sterilization and adjust at surgery. Also commonly used with hybrid frames to create support struts. U.S. Patent # 5,968,043</p>
2.60002	<p><b>100mm Angular Motor</b></p>
2.60003	<p><b>150mm Angular Motor</b></p> <p>Zero Tolerance/Zero Motion design. Simplifies outpatient management of complicated angular deformities. Loosen hinge screws prior to steam sterilization and adjust at surgery. U.S. Patent # 5,968,043</p>



ITEM #	DESCRIPTION
2.40001	<p><b>Smooth Fixation Wire, 1.6mm x 220mm</b></p> <p>Free-cutting point provides for accurate wire placement. Implant quality stainless steel.</p>
2.40002	<p><b>Fixation Wire with Stopper, 1.6mm x 200mm</b></p>
2.40003	<p><b>Fixation Wire with Stopper, 1.3mm x 165mm</b></p> <p>Provides additional stability when patient anatomy does not allow optimal wire placement. Special point geometry allows free-cutting for straight application with minimal heat. Also used for fracture reduction and bone transport. Implant quality stainless steel.</p>



## Circular ESF Instrumentation

ITEM #	DESCRIPTION
2.50001	3mm Hex Driver, Straight
2.50002	3mm Hex Driver, L Used to simplify relocation or addition of threaded rods. Also used for loosening fasteners on angular hinges and motors prior to steam sterilization. The straight driver is commonly mounted on a drill to speed frame assembly and management.
2.50003	10mm Combination Wrench The basic wrench of the circular ESF system. Often used in pairs. Also compatible with large SK® Linear ESF System.
508.102	10mm Angled Open Socket Wrench Very handy and easy to use as a second 10mm wrench for various locations. Also compatible with large SK® Linear ESF System.
2.50005	10mm Double Wrench Used to turn paired nylon nuts simultaneously to achieve compression or distraction. Not for use with metal fasteners.
2.50014	Dyna™ Wire Tensioner Used to apply tension to small diameter fixation wires. Semi-calibrated.  No tension is required on 50mm rings, but the tensioner can be utilized to remove slack from the wire. The first indicator line represents maximum tension to be used on the 66mm full ring. Second and third lines represent maximum tension to be applied to 84mm and 118mm full rings, respectively. Not for use with miniature 35mm or 45mm rings.



## Circular ESF Starter Kits

### Deluxe Circular ESF Starter Kit

Item # 2.00000

Quantity	Item #	Description	Quantity	Item #	Description
3	<b>2.15001</b>	Full Ring, 50mm x 3.2mm	2	<b>2.30003</b>	Hex Bolt, 6mm x 40mm
3	<b>2.16601</b>	Full Ring, 66mm x 3.2mm	12	<b>2.30008</b>	Flat Washer, 6mm
3	<b>2.18401</b>	Full Ring, 84mm x 4.7mm	6	<b>2.30009</b>	Half-pin Fixation Bolt
3	<b>2.11181</b>	Full Ring, 118mm x 6.3mm	6	<b>2.40001</b>	Smooth Fixation Wire, 1.6mm
1	<b>2.15002</b>	5/8 Ring, 50mm x 3.2mm	8	<b>2.40002</b>	Stopper Wire, 1.6mm
1	<b>2.16602</b>	5/8 Ring, 66mm x 3.2mm	2	<b>2.60001</b>	Angular Hinge Assembly
1	<b>2.18402</b>	5/8 Ring, 84mm x 4.7mm	1	<b>2.60002</b>	100mm Angular Motor Assembly
1	<b>2.11182</b>	5/8 Ring, 118mm x 6.3mm	1	<b>2.60003</b>	150mm Angular Motor Assembly
1	<b>2.15004</b>	Stretch Ring, 50mm x 3.2mm	3	<b>2.70002</b>	Two-hole Plate
1	<b>2.16604</b>	Stretch Ring, 66mm x 3.2mm	2	<b>2.50003</b>	10mm Combination Wrench
1	<b>2.18404</b>	Stretch Ring, 84mm x 4.7mm	1	<b>508.102</b>	10mm Angled Socket Wrench
1	<b>2.11184</b>	Stretch Ring, 118mm x 6.3mm	1	<b>2.50002</b>	3mm Hex Driver, L
3	<b>2.25500</b>	Linear Motor, 50mm	1	<b>2.50001</b>	3mm Hex Driver, Straight
3	<b>2.25700</b>	Linear Motor, 70mm	1	<b>2.50014</b>	Dyna™ Wire Tensioner
3	<b>2.25100</b>	Linear Motor, 100mm	1	<b>30011</b>	Beige Polypropylene Tray
3	<b>2.26600</b>	Threaded Rod/Hex, 60mm	1	<b>30012</b>	Yellow Polypropylene Tray
3	<b>2.26800</b>	Threaded Rod/Hex, 80mm			
3	<b>2.26100</b>	Threaded Rod/Hex, 100mm			
3	<b>2.26150</b>	Threaded Rod/Hex, 150mm			
3	<b>2.26255</b>	Threaded Rod/Hex, 255mm			
8	<b>2.70001</b>	Nylon Zero Tolerance Nut, 6mm			
1	<b>2.50005</b>	10mm Double Wrench			
20	<b>2.30004</b>	Cannulated/ Slotted Wire Fixation Bolt			
8	<b>2.30005</b>	Slotted Wire Fixation Washer			
3	<b>2.30001</b>	Extended Nut, 6mm x 12mm			
50	<b>2.30006</b>	Hex Nut, 6mm			
12	<b>2.30007</b>	Hex Bolt, 6mm x 12mm			
4	<b>2.30016</b>	Hex Bolt, 6mm x 16mm			

#### Popular additions to the Circular ESF Starter Kits

**Item # 2.xxxx3** – 1/3 Rings

**Item # 2.70005** – One-hole Post

**Item # 2.70006** – Two-hole Post

## Circular ESF Starter Kits

### Basic Circular ESF Starter Kit

Item # 2.00001

Quantity	Item #	Description
3	<b>2.16601</b>	Full Ring, 66mm x 3.2mm
3	<b>2.18401</b>	Full Ring, 84mm x 4.7mm
1	<b>2.16604</b>	Stretch Ring, 66mm x 3.2mm
1	<b>2.18404</b>	Stretch Ring, 84mm x 4.7mm
3	<b>2.25700</b>	Linear Motor, 70mm
3	<b>2.26600</b>	Threaded Rod/Hex, 60mm
3	<b>2.26800</b>	Threaded Rod/Hex, 80mm
3	<b>2.26100</b>	Threaded Rod/Hex, 100mm
3	<b>2.26150</b>	Threaded Rod/Hex, 150mm
3	<b>2.26255</b>	Threaded Rod/Hex, 255mm
8	<b>2.70001</b>	Nylon Zero Tolerance Nut, 6mm
1	<b>2.50005</b>	10mm Double Wrench
20	<b>2.30004</b>	Cannulated / Slotted Wire Fixation Bolt
8	<b>2.30005</b>	Slotted Wire Fixation Washer
3	<b>2.30001</b>	Extended Nut, 6mm x 12mm
50	<b>2.30006</b>	Hex Nut, 6mm
12	<b>2.30007</b>	Hex Bolt, 6mm x 12mm
4	<b>2.30016</b>	Hex Bolt, 6mm x 16mm

Quantity	Item #	Description
2	<b>2.30003</b>	Hex Bolt, 6mm x 40mm
12	<b>2.30008</b>	Flat Washer, 6mm
6	<b>2.40001</b>	Smooth Fixation Wire, 1.6mm
8	<b>2.40002</b>	Stopper Wire, 1.6mm
2	<b>2.50003</b>	10mm Combination Wrench
1	<b>508.102</b>	10mm Angled Socket Wrench
1	<b>2.50002</b>	3mm Hex Driver, L
1	<b>2.50001</b>	3mm Hex Driver, Straight
1	<b>2.50014</b>	Dyna™ Wire Tensioner
1	<b>30011</b>	Beige Polypropylene Tray
1	<b>30012</b>	Yellow Polypropylene Tray

#### Popular additions to the Circular ESF Starter Kits

**Item # 2.xxxx3** – 1/3 Rings

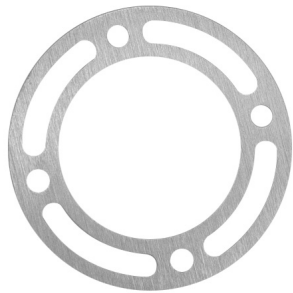
**Item # 2.70005** – One-hole Post

**Item # 2.70006** – Two-hole Post

# Miniature Circular External Skeletal Fixation System



The miniature circular external skeletal fixation system expands the capability of CESF devices to include smaller patients. 1.0mm stopper wires with a trocar point are most often utilized for secure fixation, while 0.9mm and 1.1mm K-wires are also used as smooth fixation wires. All rings are aluminum and can be cut for conversion into arches or partial rings as desired. **Use of a wire tensioner is contraindicated with miniature rings.** Mini hybrid rods support construction of hybrid frames with mini SK<sup>®</sup> ESF components. Rods and fasteners are stainless steel.



## Full Ring, 35mm

The smallest ring in the Miniature CESF System. These rings are slotted for maximal wire position freedom and can be cut at holes to convert into arches or half-rings.

Item #	Internal Diameter	Thickness
4.13501	35mm	2.4mm



## Full Ring, 45mm

Expands the patient range and capability of the Miniature CESF System. Elongated hole pattern provides greater flexibility of fastener and rod placement while simplifying frame assembly. Eight short slots are provided to maintain construct integrity. Can be cut at holes to create arches and partial rings.

Item #	Internal Diameter	Thickness
4.14501	45mm	2.4mm



## Stretch Ring, 45mm

Increases the capability of the Miniature CESF System while providing additional options for the construction of circular and hybrid frames. Elongated hole pattern provides greater flexibility of fastener and rod placement while simplifying frame assembly. Six short slots are provided to maintain construct integrity.

Item #	Internal Diameter	Thickness
4.14504	45mm	2.4mm

## Miniature Circular ESF Components

### Threaded Rods, 4mm

Thread Pitch = 0.7mm. Stainless Steel

Item #	Thread Diameter	Length
4.26050	4mm	50mm
4.26075	4mm	75mm
4.26100	4mm	100mm



ITEM #	DESCRIPTION
--------	-------------

4.30001

### Mini Cannulated / Slotted Wire Fixation Bolt

Slotted and cannulated, the wire fixation bolt provides two different points to capture and anchor fixation wires to rings. Stainless steel with 4mm threads and 7mm wrench flats. Simplifies accurate wire capture on rings. Supports 0.9mm to 1.1mm K-wires and 1.0mm stopper wires. Mini SK<sup>®</sup> pin-gripping bolts (Item # 300.001) can also be utilized for half-pin fixation bolts when larger wires or pins are needed. Sold in packs of 6.



4.30005

### Mini Slotted Wire Fixation Washer

Allows capture of fixation wires and miniature Interface<sup>®</sup> pins to rings (or rods) at locations otherwise occupied by supporting elements. Also utilized for drop-wire technique. Can be pre-placed in several locations for optimal freedom. Multiple slots available to simplify capture of 0.9mm to 1.1mm K-wires and 1.0mm stopper wires. Stainless steel. Sold in packs of 6.



4.30006

### Hex Nut, 4mm

The basic fastening element of the Mini CESF and Mini Hybrid ESF Systems. 7mm wrench flats and 0.7mm thread pitch. Stainless steel.



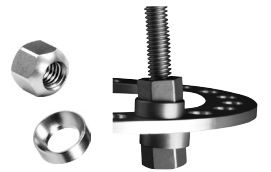
## Miniature Circular ESF Components

ITEM #	DESCRIPTION
4.30008	<p><b>Flat Washer, 4mm</b></p> <p>Provides needed fill or offset during mini frame construction to maintain wire alignment. Stainless steel.</p>
4.40002	<p><b>Fixation Wire with Stopper, 1.0mm x 125mm</b></p> <p>1.0mm diameter x 125mm length with stopper. Provides additional stability when patient anatomy does not allow optimal wire placement. Also used for fracture reduction and bone transport. Trocar point. Implant quality stainless steel.</p>
4.50003	<p><b>7mm Combination Wrench</b></p> <p>The basic wrench of the mini circular ESF system. Often used in pairs. Also compatible with mini SK® linear ESF components.</p>
4.50004	<p><b>7mm Angled Open Socket Wrench</b></p> <p>A quick and handy extra wrench that fits many hard-to-reach areas. Also compatible with mini SK® linear ESF components.</p>
4.50005	<p><b>7mm Double Wrench</b></p> <p>Utilized to span rings and turn paired nylon nuts simultaneously to achieve compression or distraction. Not for use with metal fasteners.</p>
4.60001	<p><b>Mini Angular Hinge Assembly</b></p> <p>Similar in design to the standard CESF hinge but designed to function with the miniature CESF system. Most commonly used to construct articulations when building simple hybrid ESF frames, but can also be coupled with mini SK® hybrid rods to create a simple, hinged transarticular external fixator. Loosen hinge screw prior to steam sterilization and adjust at surgery.</p>



## Miniature Circular ESF Components

ITEM #	DESCRIPTION
4.70001	<p><b>Nylon Zero Tolerance Nut, 4mm Thread</b></p> <p>Zero Tolerance/Zero Motion design. Used to compress or distract rings, rods, and hinges. Also used for bone transport. <b>Must be used in pairs.</b> Best manipulated with a 7mm double wrench (Item # 4.50005). Thread pitch equals 0.7mm. U.S. Patent # 5,968,043</p>
4.70005	<p><b>Mini One-Hole Post</b></p> <p>Mounts to a ring for support of additional wires, half-pins, and other fixation elements. Commonly used in many free-form circular frames and in hybrid frame applications. Stainless steel.</p>
4.70007	<p><b>Spherical Nut, 4mm</b></p>
4.70008	<p><b>Spherical Washer, 4mm</b></p> <p>By placing a pair on each side of a ring, rod angle can be adjusted to fine-tune reduction and assembly. Six pairs will allow a ring or ring block with three rods to be adjusted. <b>Must be used as mating pairs</b> requiring two 7mm wrenches. Stainless steel.</p>
300.003	<p><b>Hex Bolt, 4mm x 8mm</b></p> <p>Used as a general-purpose fastener with the mini CESF system. This bolt is also a component of the mini SK<sup>®</sup> ESF clamp assembly and may be useful for drop wire technique off rings or off one-hole posts. In addition, this bolt can be used to mount mini angular hinges to rings but may require flat washers acting as spacers. Stainless steel.</p>



# Miniature Circular ESF Starter Kit

## Miniature Circular ESF Starter Kit

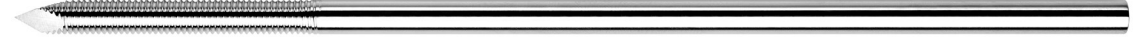
Item # 4.00001

Quantity	Item #	Description
4	<b>4.13501</b>	Full Ring, 35mm x 2.4mm
3	<b>4.14501</b>	Full Ring, 45mm x 2.4mm
1	<b>4.14504</b>	Stretch Ring, 45mm x 2.4mm
3	<b>4.26050</b>	Threaded Rod, 4mm x 50mm
3	<b>4.26075</b>	Threaded Rod, 4mm x 75mm
3	<b>4.26100</b>	Threaded Rod, 4mm x 100mm
1	<b>4.50005</b>	7mm Double Wrench
8	<b>4.70001</b>	Nylon Zero Tolerance Nut, 4mm
2	<b>4.70005</b>	Mini One-hole Post

Quantity	Item #	Description
18	<b>4.30001</b>	Cannulated/Slotted Wire Fixation Bolt
6	<b>4.30005</b>	Slotted Wire Fixation Washer
6	<b>300.003</b>	Hex Bolt, 4mm x 8mm
50	<b>4.30006</b>	Hex Nut, 4mm
12	<b>4.30008</b>	Flat Washer, 4mm
2	<b>4.50003</b>	7mm Combination Wrench
1	<b>4.50004</b>	7mm Angled Socket Wrench
8	<b>4.40002</b>	Stopper Wire, 1.0mm x 125mm

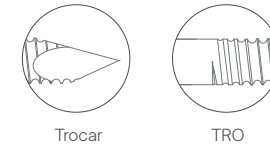
# Duraface® Fixation Half-Pins

## Tapered Thread-Run-Out (TRO) Technology



Duraface® fixation half-pins represent a significant breakthrough in veterinary external fixation pin technology. Available in sizes comparable to Interface® half-pins, while providing increased stiffness, strength and durability. Pre-drilling is recommended. Drill bit requirements are the same for Interface® half-pins with same thread size. Implant Quality 316LVM Stainless Steel. U.S. patent #8,282,676.

Name Item #	Shaft / Thread Diameter**	Fractional Equivalent	Recommended Drill Bit	Functional Thread Length †	Overall Length
<b>2.5mm</b>					
17020	2.5mm / 2.5mm	-	2.0mm	20mm	95mm
<b>3.2mm</b>					
17332	3.2mm / 3.2mm	1/8" / 1/8"	2.3mm	25mm	100mm
1733L*				31mm	150mm
<b>3.5mm</b>					
17764	3.5mm / 3.5mm	9/64" / 9/64"	2.7mm	28mm	110mm
1776L*				50mm	150mm
<b>4.0mm</b>					
17180	4.0mm / 4.0mm	5/32" / 5/32"	3.1mm	31mm	115mm
1718L*				50mm	150mm
<b>4.3mm</b>					
17964	4.3mm / 4.3mm	-	3.5mm	35mm	130mm
1796L*				54mm	175mm
<b>4.8mm</b>					
17532	4.8mm / 4.8mm	3/16" / 3/16"	3.9mm	38mm	150mm
1753L*				57mm	200mm



\*Extended Length - occasionally used when additional thread length is needed to span areas of larger bone diameter.

\*\* Unlike positive-profile fixation pins, Duraface® pins have a larger shaft diameter that is equal to its thread diameter. Core diameter at the thread root is the same as the corresponding size (small, medium, etc.) positive-profile pin and determines what drill bit is used for pre-drilling.

† Actual thread length appears 2-3mm longer to allow for tapered thread-run-out (TRO) feature. Duraface® pins feature a TRO or tapered run-out junction where the shaft meets the threads. The thread root tapers over approximately three threads in order to attenuate the otherwise acute nature of the shaft-thread junction. This portion of the thread length tapers enough that it may cause bone damage if driven into bone and is not considered functional thread length. Functional thread length of Duraface® pins is identical to the same size and length version of Interface® pins. Duraface® short pins do not have an equivalent length version of Interface® pin.

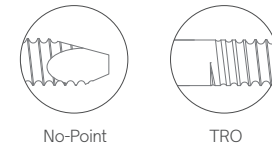
# Duraface® Fixation Half-Pins, No-Point

## Tapered Thread-Run-Out (TRO) Technology



The No-Point (NP) version of Duraface® fixation half-pins feature a truncated, blunt trocar for improved surgeon safety and decreased patient morbidity. As with application of any ESF pin, attention should be given to proper pin alignment with a pre-drilled hole. Use of the SK® ESF clamp's secondary bolt will keep the clamp and drill hole oriented. In addition, liberal soft tissue release and retraction will simplify pin placement by allowing visualization. Duraface® fixation half-pins represent a significant breakthrough in veterinary external fixation pin technology. Available in sizes comparable to Interface® half-pins, while providing increased stiffness, strength and durability. **Pre-drilling is mandatory.** Drill bit requirements are the same for Interface® half-pins with same thread size. Implant Quality 316LVM Stainless Steel. U.S. patent #8,282,676.

Name Item #	Shaft / Thread Diameter**	Fractional Equivalent	Recommended Drill Bit	Functional Thread Length †	Overall Length
<b>2.5mm</b>					
17020NP	2.5mm / 2.5mm	-	2.0mm	20mm	95mm
<b>3.2mm</b>					
17332NP	3.2mm / 3.2mm	1/8" / 1/8"	2.3mm	25mm	100mm
1733LNP*				31mm	150mm
<b>3.5mm</b>					
17764NP	3.5mm / 3.5mm	9/64" / 9/64"	2.7mm	28mm	110mm
1776LNP*				50mm	150mm
<b>4.0mm</b>					
17180NP	4.0mm / 4.0mm	5/32" / 5/32"	3.1mm	31mm	115mm
1718LNP*				50mm	150mm
<b>4.3mm</b>					
17964NP	4.3mm / 4.3mm	-	3.5mm	35mm	130mm
1796LNP*				54mm	175mm
<b>4.8mm</b>					
17532NP	4.8mm / 4.8mm	3/16" / 3/16"	3.9mm	38mm	150mm
1753LNP*				57mm	200mm



\*Extended Length - occasionally used when additional thread length is needed to span areas of larger bone diameter.

\*\* Unlike positive-profile fixation pins, Duraface® pins have a larger shaft diameter that is equal to its thread diameter. Core diameter at the thread root is the same as the corresponding size (small, medium, etc.) positive-profile pin and determines what drill bit is used for pre-drilling.

† Actual thread length appears 2-3mm longer to allow for tapered thread-run-out (TRO) feature. Duraface® pins feature a TRO or tapered run-out junction where the shaft meets the threads. The thread root tapers over approximately three threads in order to attenuate the otherwise acute nature of the shaft-thread junction. This portion of the thread length tapers enough that it may cause bone damage if driven into bone and is not considered functional thread length. Functional thread length of Duraface® pins is identical to the same size and length version of Interface® pins. Duraface® short pins do not have an equivalent length version of Interface® pin.

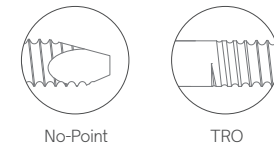
# Duraface® Short Fixation Half-Pins, No-Point

## Tapered Thread-Run-Out (TRO) Technology



Duraface® short half-pins are designed to maximize pin stiffness when placing ESF half-pins into shallow bone applications. Type I-b frames applied to the radius are a common example. Keeping the TRO junction close to the bone maximizes the length of the larger diameter pin shaft between clamp and bone; better resisting deflection under load. **Pre-drilling is mandatory.** Duraface® short half-pins are available only in no-point (NP) versions. Implant Quality 316LVM Stainless Steel. U.S. patent #8,282,676.

Name Item #	Shaft / Thread Diameter*	Fractional Equivalent	Recommended Drill Bit	Functional Thread Length †	Overall Length
<b>2.5mm</b> 17020SNP	2.5mm / 2.5mm	-	2.0mm	10mm	80mm
<b>3.2mm</b> 17332SNP	3.2mm / 3.2mm	1/8" / 1/8"	2.3mm	15mm	90mm
<b>3.5mm</b> 17764SNP	3.5mm / 3.5mm	9/64" / 9/64"	2.7mm	18mm	95mm
<b>4.0mm</b> 17180SNP	4.0mm / 4.0mm	5/32" / 5/32"	3.1mm	21mm	100mm
<b>4.3mm</b> 17964SNP	4.3mm / 4.3mm	-	3.5mm	24mm	120mm
<b>4.8mm</b> 17532SNP	4.8mm / 4.8mm	3/16" / 3/16"	3.9mm	27mm	140mm



\* Unlike positive-profile fixation pins, Duraface® pins have a larger shaft diameter that is equal to its thread diameter. Core diameter at the thread root is the same as the corresponding size (small, medium, etc.) positive-profile pin and determines what drill bit is used for pre-drilling.

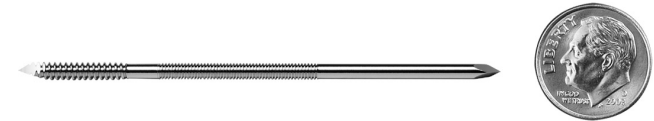
† Duraface® pins feature a tapered thread-run-out (TRO) junction where the shaft meets the threads. The thread root tapers over approximately three threads in order to attenuate the otherwise acute nature of the shaft-thread junction. This portion of the thread length tapers enough that it may cause bone damage if driven into bone and is not considered functional thread length. Functional thread length of Duraface® pins is identical to the same size and length version of Interface® pins. Duraface® short pins do not have an equivalent length version of Interface® pin.

# Miniature Interface® Fixation Half-Pins

## Miniature Interface® Fixation Half-Pins

These small pins are K-wire size versions of our popular Interface® fixation half-pins.

Most commonly used with acrylic fixators on toy breeds, kittens, avian patients and small exotic pets. These pins have trocar points on both the smooth and threaded ends. The central area of the pin shaft is factory-roughened to enhance the interface between the acrylic frame and pin. This central area is not a thread, and attempts to use this implant as a full-pin are contraindicated. Nomenclature is based on the smooth shaft diameter. Implant Quality 316LVM Stainless Steel.



Item #	Recommended Drill Bit	Shaft / Thread Diameter	Inch Equivalent	Thread Length	Total Length	Pins per Pack
<b>03035</b>	0.8mm	0.9mm / 1.1mm	0.035" / 0.045"	12mm	75mm	6
<b>03045</b>	1.1mm	1.1mm / 1.4mm	0.045" / 0.056"	12mm	75mm	6
<b>03062</b>	1.5mm	1.6mm / 1.9mm	0.062" / 0.075"	12mm	75mm	6
<b>03078</b>	1.8mm	2.0mm / 2.3mm	5/64" / 0.091"	15mm	75mm	6
<b>03094*</b>	2.0mm	2.4mm / 2.9mm	3/32" / 0.114"	17mm	75mm	1



Trocar

\* 03094 has the same 2.4mm shaft as the 2.0/2.5mm Interface® fixation half-pin but has a smaller thread profile. This pin is less frequently used with long bone fractures but finds more routine use with acrylic and pin ESF frames applied to mandibular fractures. The 2.9mm thread diameter will not traverse the 2.5mm mini SK® clamp bolt.

# Interface® Fixation Half-Pins



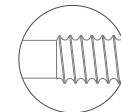
## Standard Thread Profile

Interface® fixation half-pins are end-threaded with positive-thread profiles. The threaded end has a trocar point. Pre-drilling is recommended. Standard thread profile pins can be utilized at all bone locations. Standard length versions are most popular, but extended length versions are occasionally useful when additional thread length is needed to span areas of larger bone diameter. Interface® fixation pins do not feature the thread profile of a bone screw, but are designed with the unique environmental and mechanical differences between a bone screw and ESF pin being taken into design consideration. Implant Quality 316LVM Stainless Steel.

Name Item #	Shaft / Thread Diameter	Fractional Equivalent	Recommended Drill Bit	Thread Length	Overall Length
<b>2.0/2.5mm</b> 15020	2.0mm / 2.5mm	-	2.0mm	20mm	95mm
<b>2.4/3.2mm</b> 15332 1533L*	2.4mm / 3.2mm	3/32" / 1/8"	2.3mm	25mm 31mm	100mm 150mm
<b>2.8/3.5mm</b> 15764 1576L*	2.8mm / 3.5mm	7/64" / 9/64"	2.7mm	28mm 50mm	110mm 150mm
<b>3.0/3.5mm</b> 15030	3.0mm / 3.5mm	-	3.0mm	30mm	110mm
<b>3.2/4.0mm</b> 15180 1518L*	3.2mm / 4.0mm	1/8" / 5/32"	3.1mm	31mm 50mm	115mm 150mm
<b>3.5/4.3mm</b> 15964 1596L*	3.5mm / 4.3mm	9/64" / 11/64"	3.5mm	35mm 54mm	130mm 175mm
<b>4.0/4.8mm</b> 15532 1553L*	4.0mm / 4.8mm	5/32" / 3/16"	3.9mm	38mm 57mm	150mm 200mm



Trocar



Positive-profile

\*Extended Length - occasionally used when additional thread length is needed to span areas of larger bone diameter.

## Interface® Fixation Half-Pins, No-Point

### Standard Thread Profile

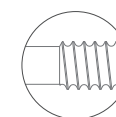


Interface® No-Point (NP) fixation half-pins lack the sharp trocar point found on standard Interface® pins. **Pre-drilling is required for pin placement.** As with application of any ESF pin, attention should be given to proper pin alignment with the pre-drilled hole. Use of the SK® ESF clamp's secondary bolt will keep the clamp and drill hole oriented. In addition, liberal soft tissue release and retraction will simplify pin placement by allowing visualization. The blunt trocar reduces opportunity for morbidity created by a sharp point remaining in soft tissue. This truncated trocar pin is also safer for the operating surgeon. Lengths, diameters, and recommended drill bits are common with standard Interface® pins. Implant Quality 316LVM Stainless Steel.

Name Item #	Shaft / Thread Diameter	Fractional Equivalent	Recommended Drill Bit	Thread Length	Overall Length
<b>2.0/2.5mm</b> 15020NP	2.0mm / 2.5mm	-	2.0mm	20mm	95mm
<b>2.4/3.2mm</b> 15332NP 1533LNP*	2.4mm / 3.2mm	3/32" / 1/8"	2.3mm	25mm 31mm	100mm 150mm
<b>2.8/3.5mm</b> 15764NP 1576LNP*	2.8mm / 3.5mm	7/64" / 9/64"	2.7mm	28mm 50mm	110mm 150mm
<b>3.2/4.0mm</b> 15180NP 1518LNP*	3.2mm / 4.0mm	1/8" / 5/32"	3.1mm	31mm 50mm	115mm 150mm
<b>3.5/4.3mm</b> 15964NP 1596LNP*	3.5mm / 4.3mm	9/64" / 11/64"	3.5mm	35mm 54mm	130mm 175mm
<b>4.0/4.8mm</b> 15532NP 1553LNP*	4.0mm / 4.8mm	5/32" / 3/16"	3.9mm	38mm 57mm	150mm 200mm



No-Point



Positive-profile

\*Extended Length - occasionally used when additional thread length is needed to span areas of larger bone diameter.

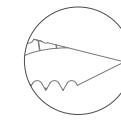
# Interface® Fixation Half-Pins

## Cancellous Thread Profile

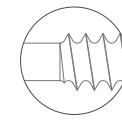


Interface® fixation half-pins with cancellous thread profile feature a deep thread with larger pitch than standard thread Interface® fixation pins. These pins have proven particularly effective in soft metaphyseal bone application where adequate bone stock is present to support the increased thread diameters. **Acceptable locations include the proximal tibia, the distal femur, and the proximal humerus only.** Pre-drilling is very important. These pins are contraindicated in diaphyseal bone, in the radius or ulna, and in the hard bone of the humeral condyle. Rarely is more than one cancellous pin used per long-bone fracture. Implant Quality 316LVM Stainless Steel.

Name Item #	Shaft / Thread Diameter	Fractional Equivalent	Recommended Drill Bit	Thread Length	Overall Length
<b>2.4/3.5mm Cancellous</b>					
<b>16332</b>	2.4mm / 3.5mm	3/32" / 9/64"	2.3mm	28mm	115mm
<b>1633L*</b>				31mm	150mm
<b>3.2/4.8mm Cancellous</b>					
<b>16180</b>	3.2mm / 4.8mm	1/8" / 3/16"	3.1mm	35mm	125mm
<b>1618L*</b>				50mm	150mm
<b>4.8/6.3mm Cancellous</b>					
<b>16316</b>	4.8mm / 6.3mm	3/16" / 1/4"	4.7mm	50mm	150mm
<b>1631L*</b>				57mm	200mm



Trocar



Positive-profile

\*Extended Length - occasionally used when additional thread length is needed to span areas of larger bone diameter.

# Miniature Centerface® Fixation Full-Pins

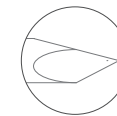
## Miniature Centerface® Fixation Full-Pins

The world's smallest centrally-threaded, positive-profile external fixation pins.

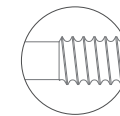
Mini Centerface® fixation full-pins are available in shaft sizes of 0.9mm, 1.1mm and 1.6mm and are compatible with mini SK® ESF clamps. Most commonly used with acrylic fixators on toy breeds, kittens, avian patients and small exotic pets. A single trocar point is included to clearly identify the lead-end of the pin and simplify application. Implant Quality 316LVM Stainless Steel.



Item #	Recommended Drill Bit	Shaft / Thread Diameter	Inch Equivalent	Thread Length	Total Length	Pins per Pack
<b>02035</b>	0.8mm	0.9mm / 1.1mm	0.035" / 0.045"	11mm	80mm	6
<b>02045</b>	1.1mm	1.1mm / 1.4mm	0.045" / 0.056"	12mm	80mm	6
<b>02062</b>	1.5mm	1.6mm / 1.9mm	0.062" / 0.075"	12mm	80mm	6



Trocar



Positive-profile

\*Extended Length - occasionally used when additional thread length is needed to span areas of larger bone diameter.

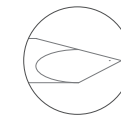
# Centerface® Fixation Full-Pins

## Standard Thread Profile

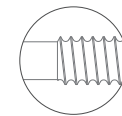


Centerface® fixation full-pins are centrally-threaded with a positive-thread profile. Pre-drilling is recommended. The standard thread profile can be used at all bone locations. Standard length versions are the most popular, but limited numbers of extended length versions should be available for special circumstances. Centerface® fixation pins do not feature the thread profile of a bone screw, but are designed with the unique environmental and mechanical differences between a bone screw and ESF pin being taken into design consideration. Implant Quality 316LVM Stainless Steel.

Name Item #	Shaft / Thread Diameter	Fractional Equivalent	Recommended Drill Bit	Thread Length	Overall Length
<b>2.0/2.5mm</b> 20020	2.0mm / 2.5mm	-	2.0mm	15mm	95mm
<b>2.4/3.2mm</b> 20332 2033L*	2.4mm / 3.2mm	3/32" / 1/8"	2.3mm	19mm 25mm	100mm 150mm
<b>2.8/3.5mm</b> 20764 2076L*	2.8mm / 3.5mm	7/64" / 9/64"	2.7mm	25mm 35mm	115mm 165mm
<b>3.0/3.5mm</b> 20030	3.0mm / 3.5mm	-	3.0mm	28mm	120mm
<b>3.2/4.0mm</b> 20180 2018L*	3.2mm / 4.0mm	1/8" / 5/32"	3.1mm	30mm 45mm	125mm 175mm
<b>3.5/4.3mm</b> 20964 2096L*	3.5mm / 4.3mm	9/64" / 11/64"	3.5mm	35mm 50mm	140mm 190mm
<b>4.0/4.8mm</b> 20532 2053L*	4.0mm / 4.8mm	5/32" / 3/16"	3.9mm	38mm 57mm	150mm 200mm



Trocar



Positive-profile

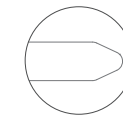
## Centerface® Fixation Full-Pins, No-Point



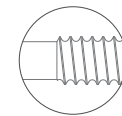
### Standard Thread Profile

Centerface® No-Point (NP) fixation full-pins lack the trocar point found on standard Centerface® pins. **Pre-drilling is required for pin placement.** Lack of a trocar point reduces potential for injury to the surgeon or patient during pin placement. Lengths, diameters, and recommended drill bits are common with standard Centerface® pins. The IMEX® ESF pin ordering guide can be used for trocar and no-point (NP) versions. When pre-drilling, this should be the centrally-threaded pin of choice. Implant Quality 316LVM Stainless Steel.

Name Item #	Shaft / Thread Diameter	Fractional Equivalent	Recommended Drill Bit	Thread Length	Overall Length
<b>2.0/2.5mm</b> 20020NP	2.0mm / 2.5mm	–	2.0mm	15mm	95mm
<b>2.4/3.2mm</b> 20332NP 2033LNP*	2.4mm / 3.2mm	3/32" / 1/8"	2.3mm	19mm 25mm	100mm 150mm
<b>2.8/3.5mm</b> 20764NP 2076LNP*	2.8mm / 3.5mm	7/64" / 9/64"	2.7mm	25mm 35mm	115mm 165mm
<b>3.2/4.0mm</b> 20180NP 2018LNP*	3.2mm / 4.0mm	1/8" / 5/32"	3.1mm	30mm 45mm	125mm 175mm
<b>3.5/4.3mm</b> 20964NP 2096LNP*	3.5mm / 4.3mm	9/64" / 11/64"	3.5mm	35mm 50mm	140mm 190mm
<b>4.0/4.8mm</b> 20532NP 2053LNP*	4.0mm / 4.8mm	5/32" / 3/16"	3.9mm	38mm 57mm	150mm 200mm



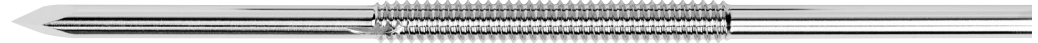
No-Point



Positive-profile

\*Extended Length - occasionally used when additional thread length is needed to span areas of larger bone diameter.

# Centerface® Fixation Full-Pins

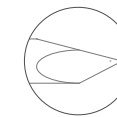


## Cancellous Thread Profile

Centerface® fixation full-pins with cancellous thread profile feature a deep thread with larger thread pitch than standard thread Centerface® fixation full-pins. These pins have proven particularly effective in metaphyseal bone application where adequate bone stock is present to support the increased thread diameters.

**Acceptable locations include the proximal tibia and the distal femur only.** Pre-drilling is very important. These pins are contraindicated in diaphyseal bone, in the radius or ulna, and in the hard bone of the humeral condyle. Rarely is more than one cancellous pin used per long-bone fracture. Implant Quality 316LVM Stainless Steel.

Name Item #	Shaft / Thread Diameter	Fractional Equivalent	Recommended Drill Bit	Thread Length	Overall Length
<b>2.4/3.5mm Cancellous</b>					
21332	2.4mm / 3.5mm	3/32" / 9/64"	2.3mm	20mm	100mm
2133L*				25mm	150mm
<b>3.2/4.8mm Cancellous</b>					
21180	3.2mm / 4.8mm	1/8" / 3/16"	3.1mm	32mm	140mm
2118L*				45mm	175mm
<b>4.8/6.3mm Cancellous</b>					
21316	4.8mm / 6.3mm	3/16" / 1/4"	4.7mm	50mm	150mm
2131L*				63mm	200mm



Trocar



Positive-profile

\*Extended Length - occasionally used when additional thread length is needed to span areas of larger bone diameter.

# Pin Caps, Pin Gauge and Ordering Guide

## Pin Caps

Autoclavable pin caps for protecting IM pin and ESF pin points during sterilization and storage. Also covers cut ends of external fixation pins, protecting owners and patients during bandage changes. Approximately 50 per pack.

Item #	Accepted Pin Sizes
Capblack	2.0mm
Capwhite	2.4mm and 2.8mm
Capblue	3.2mm and 3.5mm
Capgray	4.0mm and 4.8mm



## ITEM # DESCRIPTION

### 30009 IM Pin Gauge / Scale

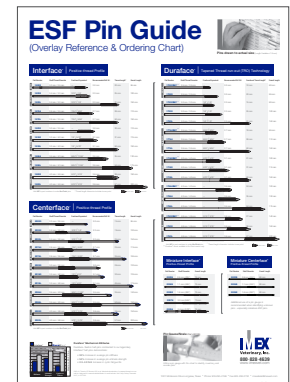
Includes both metric and inch / fractional units to accurately measure lengths and diameters of K-wires, ESF pins and IM pins in your unit of choice. Gauge-holes range from 0.9mm (0.035") to 6.3mm (1/4") for pins and wires with a dedicated section available for sizing common external fixation and plating drill bit diameters (1.1mm to 4.7mm). Stainless Steel.

Use in conjunction with our ESF Pin Ordering Guide to effectively identify unknown pins, simplify reordering and manage inventory.



### PINCHART ESF Pin Ordering Guide

Includes the entire range of external fixation pins drawn to scale. References item numbers and recommended drill bits. Utilize this 19" x 27" (48.26cm x 68.58cm) wall chart to identify unknown pins and assist in inventory management. Can be used during surgery to reference appropriate drill bits. Call today for your complimentary chart.



## Large Animal Transfixation Pinning

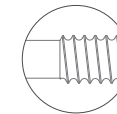
### Large Animal Transfixation Pins, Duraface® Full-Pins for Large Animals



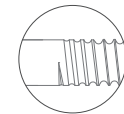
These pins feature a larger shaft on the “near” end of the pin and a tapered thread-run-out (TRO) junction at the thread-shaft junction to attenuate any potential stress riser, resulting in a pin with increased bending resistance and enhanced cyclic fatigue life compared to positive-profile pins (Vet Comp Orthop Traumatol 2011; 4:257-261).

These pins along with related drill bits and taps are designed for lower limb application in large animal patients. Typically, fiberglass casting is used to incorporate the pins and hoof. Both pin sizes incorporate three chuck flats on the blunt end for securing the pin into a Jacobs chuck. **Pre-drilling and tapping are required.** U.S. patent #8,282,676.

Item #	Shaft Diameters	Thread Diameter	Thread Length	Overall Length	Required Tap	Required Drill Bit
<b>2231LA</b>	4.8mm/6.3mm	6.3mm	64mm	200mm	<b>PN 2131T</b>	<b>PN 33047</b>
<b>22140</b>	6.3mm/8.0mm	8.0mm	65mm	200mm	<b>PN 2114T</b>	<b>PN 32062</b>



Positive-profile (Trocar End)



TRO (Drive End)

### Large Animal Transfixation Taps



Used with Duraface large animal transfixation pins for lower limb applications in large animal patients. Both sizes incorporate three chuck flats on the blunt end for securing the pin into a Jacobs chuck.

Item #	Shaft Diameter	Thread Diameter	Overall Length	Transfixation Pin	Required Drill Bit
<b>2131T</b>	4.8mm	6.3mm	185mm	<b>PN 2231LA</b>	<b>PN 33047</b>
<b>2114T</b>	6.3mm	8.0mm	180mm	<b>PN 22140</b>	<b>PN 32062</b>

### Drill Bits



Pre-drilling a pilot hole before fixation pin insertion optimizes pin-bone interface integrity. Each IMEX® large animal transfixation pin has an optimum drill bit size.

# Trans-ilial Rods / Nuts and Multi-Purpose Orthopedic Washers

## Trans-ilial Rods and Nuts

Fully-threaded rods designed to provide additional stability during the repair of unilateral or bilateral sacro-iliac luxations and sacral fractures. Often used in addition to lag screws and can be combined with other implants. Available in 3.2mm, 4.0mm, and 4.7mm diameters with a single trocar point. Paired nuts can be applied to each end to provide secure, locked fixation. A short length of non-threaded area is available to eliminate thread damage when applying a Jacobs chuck. Implant quality stainless steel.

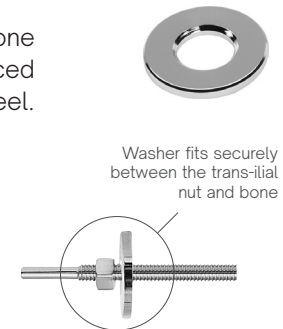


Item #	Description	Diameter / Length	Core Diameter	Required Wrench
<b>57032</b>	Trans-ilial Rod	3.2mm x 125mm	2.3mm	—
<b>57040</b>	Trans-ilial Rod	4.0mm x 155mm	3.0mm	—
<b>57047</b>	Trans-ilial Rod	4.7mm x 175mm	3.7mm	—
<b>57132</b>	Trans-ilial Nut	3.2mm	—	*7mm Wrench
<b>57140</b>	Trans-ilial Nut	4.0mm	—	*7mm Wrench
<b>57147</b>	Trans-ilial Nut	4.7mm	—	+8mm Wrench

## Multi-Purpose Orthopedic Washers

Originally designed for use with trans-ilial rods and nuts, multi-purpose orthopedic washers can also be used with standard bone screws. When using trans-ilial rods to augment repair of sacro-iliac luxations or pelvic fractures, these washers can be placed between the bone and trans-ilial nut to increase surface area; preventing compression into soft bone. Implant quality stainless steel.

Item #	Washer Size	Trans-ilial Rod Diameter	Bone Screw
<b>57232</b>	9mm	3.2mm	2.7mm
<b>57240</b>	10mm	4.0mm	3.5mm
<b>57247</b>	11mm	4.7mm	4.5mm



## TPLO Support Products

### Ventura Stifle Thrust Levers



A versatile stifle distraction device, the Ventura Stifle Thrust Lever (VSTL) is designed for use during open arthrotomy or arthroscopic stifle exploration to provide unimpeded, stable visualization of the medial stifle compartment.

The uniquely contoured shape paired with a round shaft protects the articular cartilage while sturdy construction provides longevity and allows autoclave sterilization.

Item #	Description	Patient Size	Overall Length
<b>29400</b>	Mini VSTL	< 20kg	200mm
<b>29500</b>	Standard VSTL	20 -60kg	280mm

### SCAT™ TPLO Jig Pins



SCAT™ TPLO jig pins are used as temporary jig fixation pins when performing TPLO surgery. Surgeons performing TPLO surgery find SCAT™ pins ideal for temporary attachment of the alignment jig during the procedure. Contraindicated for external fixation. Implant quality stainless steel.

Item #	Diameter	~Fractional	Thread Length	Overall Length
<b>22222</b>	1.6mm	(1/16")	10mm	90mm
<b>23222</b>	2.0mm	(5/64")	10mm	100mm
<b>24222</b>	2.4mm	(3/32")	12mm	115mm
<b>25030</b>	3.0mm	-	15mm	150mm
<b>25222</b>	3.2mm	(1/8")	14mm	125mm

### TPLO Reduction Pins



These pins are designed for use as temporary or permanent osteotomy reduction pins during application of TPLO plates. These pins feature a long thread length and a single trocar point with two diameters available. Implant quality stainless steel.

Item #	Diameter	Thread Length	Overall Length
<b>29016</b>	1.6mm	45mm	130mm
<b>29020</b>	2.0mm	65mm	155mm

# TPLO Support Products

ITEM # DESCRIPTION

**29000** **TPLO Saw Blade Adapter**  
 Designed to couple with screw-hub TPLO saw blades to any TPLO saw using a triangle collet. Secured with a T15 screwdriver.



**29210** **Parallel Pin Guide, 1.6 / 2.0mm Holes, 105mm**  
**29211** **Parallel Pin Guide, 2.4 / 3.2mm Holes, 230mm**  
 Surgeons performing TPLO surgery utilize parallel pin guides to ensure both jig pins are parallel resulting in accuracy of jig placement and less pinching of the saw blade during osteotomy. Features alternating hole diameters providing the ability to utilize different pin diameters in the same patient.



Originally developed by Dr. Barclay Slocum to simplify construction of Type-II external fixation frames, the primary indication is TPLO surgery.

**29200** **Mini TPLO Jig**  
**29216** **Mini TPLO Jig Limb, 1.6mm**  
 This mini TPLO jig provides the reduction in size and weight needed to perform accurate osteotomies in small patients where mini TPLO plates are used; a must for surgeons performing TPLOs on small and toy breeds.



Screw-in aiming bars feature knurled shaft ends for ease of placement while simplifying use. Preassembled with 2.0mm jig limbs to support use of 2.0mm temporary SCAT™ TPLO jig pins.

An optional, dedicated 1.6mm jig limb supports use of 1.6mm diameter jig pins and is easily swapped with the 2.0mm limb. Set screw included.



Optional, dedicated 1.6mm Mini TPLO Jig Limb

# CrossCut Wedge Osteotomy Guides

## CrossCut Wedge Osteotomy Guides\*

Designed to provide increased accuracy while simplifying the corrective osteotomy procedure. Guides include a hole for organization onto a small plate clip or wire loop. Temporary k-wires are supported through a separate 0.9 mm (0.035") hole.

The small guide tab is placed into the initial (partial) osteotomy while the larger tab is used for matching the saw blade orientation to the selected angle.

Each angle includes a mirrored positive and negative fixed-angle pair with size options of 9 degrees to 45 degrees (3-degree increments) and 50 degrees to 60 degrees (5-degree increments). Each guide is 0.5 mm thick and manufactured from stainless steel.



Item #	Description	Item #	Description
<b>36-09</b>	9° Fixed-angle Positive/Negative Pair	<b>36-33</b>	33° Fixed-angle Positive/Negative Pair
<b>36-12</b>	12° Fixed-angle Positive/Negative Pair	<b>36-36</b>	36° Fixed-angle Positive/Negative Pair
<b>36-15</b>	15° Fixed-angle Positive/Negative Pair	<b>36-39</b>	39° Fixed-angle Positive/Negative Pair
<b>36-18</b>	18° Fixed-angle Positive/Negative Pair	<b>36-42</b>	42° Fixed-angle Positive/Negative Pair
<b>36-21</b>	21° Fixed-angle Positive/Negative Pair	<b>36-45</b>	45° Fixed-angle Positive/Negative Pair
<b>36-24</b>	24° Fixed-angle Positive/Negative Pair	<b>36-50</b>	50° Fixed-angle Positive/Negative Pair
<b>36-27</b>	27° Fixed-angle Positive/Negative Pair	<b>36-55</b>	55° Fixed-angle Positive/Negative Pair
<b>36-30</b>	30° Fixed-angle Positive/Negative Pair	<b>36-60</b>	60° Fixed-angle Positive/Negative Pair

## CrossCut Wedge Osteotomy Guides, Complete Set

A complete set of 32 wedges (16 positive and negative pairs)

Item # 36-SKT

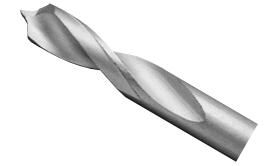
\* Concept and design: Alan Cross, DVM, DACVS – BluePearl Georgia  
Product refinement: Derek Fox, DVM, DACVS – University of Missouri

# Drill Bits

## StickTite™ Drill Bits

These premium drill bits feature a special point geometry designed to engage the periosteum and prevent drill bits from “walking” or skidding at the beginning of the drilling process. StickTite™ point geometry is especially beneficial when hole placement is critical and with freehand drilling applications. Compared to other drill bits, StickTite™ bits are much easier to start and drill accurately when not drilling perpendicular to the bone.

StickTite™ drill bits are **designed to drill with minimal forward pressure** and if forced into the opposite bone wall, they will engage rapidly with potential for damage to the bit. The sharp cutting geometry will also attempt to cut or grab when hitting screws or pins – resulting in damaged drill bits. If hitting a pin or screw is likely, standard ESF drill bits should be used. Hardened stainless steel.



Item #	Diameter	Length	Item #	Diameter	Length
32020	2.0mm	120mm	32031	3.1mm	150mm
32023	2.3mm	125mm	32035	3.5mm	160mm
32025	2.5mm	135mm	32039	3.9mm	165mm
32027	2.7mm	140mm	32062	6.2mm	180mm

## Standard ESF Drill Bits

ESF drill bits tolerate inadvertent contact with implants better than StickTite™ drill bits. Hardened stainless steel.

Item #	Diameter	Length	Item #	Diameter	Length
33011	1.1mm	75mm	33039	3.9mm	160mm
33015	1.5mm	85mm	33047	4.7mm	170mm
33023	2.3mm	130mm	33060	6.0mm	180mm
33031	3.1mm	150mm			



## VetKISS® Drill Bits

Each IMEX® VetKISS® screw has an optimal pilot hole diameter. Available in 0.8mm, 1.15mm, and 1.3mm diameters.

# Drill Sleeves

## ESF Drill Sleeves

Designed for through-the-clamp pre-drilling with SK® single clamps, but can be an effective drill sleeve for a variety of applications.

Item #	Description	Drill Bit	SK® Clamp
<b>34015</b>	1.5mm Drill Sleeve	1.5mm	Mini
<b>34020</b>	2.0mm Drill Sleeve	2.0mm	Mini and Small
<b>34023</b>	2.3mm Drill Sleeve	2.3mm	Small
<b>34027</b>	2.7mm Drill Sleeve	2.7mm	Small
<b>34031</b>	3.1mm Drill Sleeve	3.1mm	Small or Large
<b>34035</b>	3.5mm Drill Sleeve	3.5mm	Large
<b>34039</b>	3.9mm Drill Sleeve	3.9mm	Large



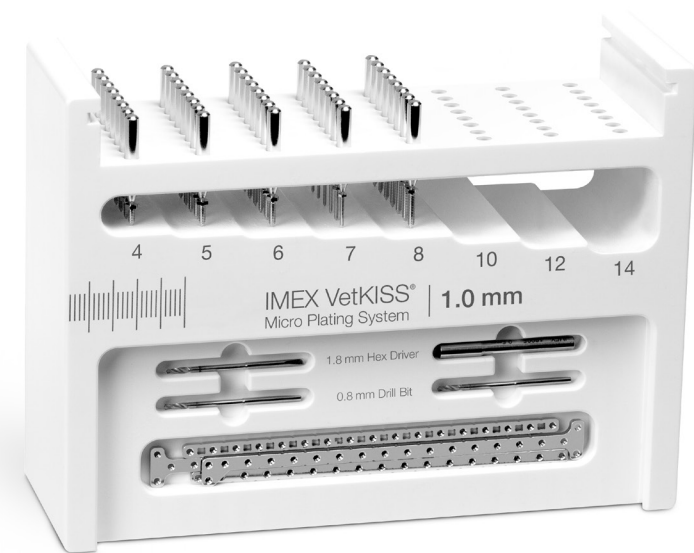
# VetKISS<sup>®</sup> Micro Plating System

Keep It Simple Surgeon | Smallest, clinically tested veterinary locking plate system

The VetKISS<sup>®</sup> micro plating system represents the world's smallest, clinically tested veterinary locking plate system. The KISS approach (Keep It Simple Surgeon) defined the development of this user-friendly and cost-effective osteosynthesis system. VetKISS<sup>®</sup> is appropriate for a variety of feline, toy breed, and exotic patients, as well as metacarpal and metatarsal fractures in larger patients.

Developed in conjunction with Switzerland based RISystem, AG, the world leader in micro implants for research. Refined with feedback from IMEX's beta users.

- Available in 3 sizes: 1.0mm, 1.4mm, and 1.6mm
- Symmetrical design allows for use as a left- or right-handed plate
- Cut-to-length plates minimize inventory requirements
- Common instrumentation across all sets reduces capital cost



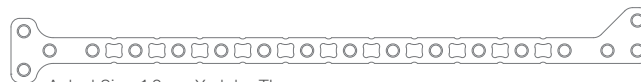
## X-Plates

VetKISS<sup>®</sup> X-plates are reconstruction plates and contourable in the second plane (side to side). While easily contoured, this plate is less strong than the corresponding size rigid plate (R-plate) and **should be avoided in mechanically demanding situations**. When contouring the X-plate, bends will naturally occur at the "X" protecting screw hole integrity. 316LVM stainless steel.

Item #	Description	Width x Length	Thickness	Screw Diameter
70-3101X	1.0mm X-plate, Straight	2.6mm x 50mm	1.0mm	1.0mm
70-3141X	1.4mm X-plate, Straight	3.0mm x 73mm	1.2mm	1.4mm
70-3161X	1.6mm X-plate, Straight	3.0mm x 83mm	1.5mm	1.6mm
70-3102X	1.0mm X-plate, TL	2.6mm x 50mm	1.0mm	1.0mm
70-3142X	1.4mm X-plate, TL	3.0mm x 75mm	1.2mm	1.4mm
70-3162X	1.6mm X-plate, TL	3.0mm x 85mm	1.5mm	1.6mm



Actual Size: 1.0mm X-plate, Straight



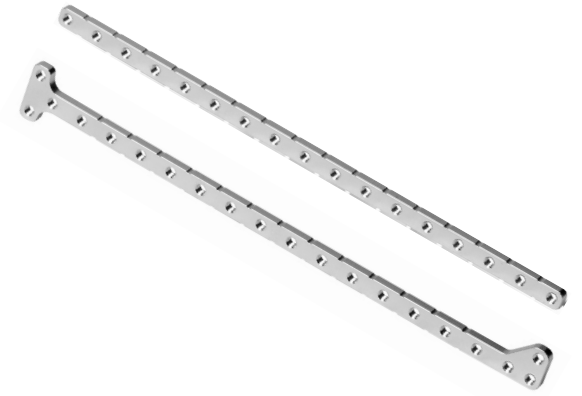
Actual Size: 1.6mm X-plate, TL

# VetKISS® Plates

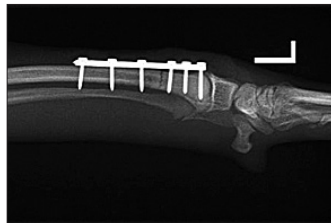
## Rigid Plates

The most commonly used VetKISS® plates, R-plates (rigid plates) should be used in most long bone fracture scenarios and are not designed to be contoured from side to side. When contouring R-plates one should use two forceps and direct the contour between screw holes as to avoid potential screw hole damage.

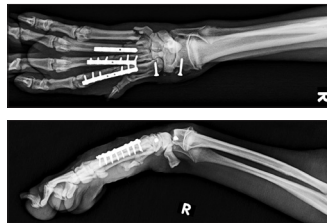
These cut-to-length plates are available in two options: straight and shaped. The shaped plate features a “T” and an “L” on opposite ends allowing the surgeon to choose appropriate plate geometry while minimizing inventory. Symmetrical design allows for use as a left- or right-handed plate. 316LVM stainless steel.



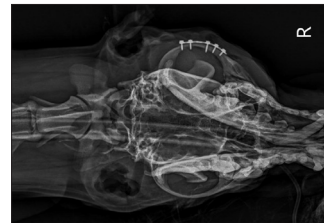
Item #	Description	Width x Length	Thickness	Screw Diameter
70-3101R	1.0mm Rigid Plate, Straight	2.6mm x 50mm	1.0mm	1.0mm
70-3141R	1.4mm Rigid Plate, Straight	3.0mm x 73mm	1.2mm	1.4mm
70-3161R	1.6mm Rigid Plate, Straight	3.0mm x 83mm	1.5mm	1.6mm
70-3102R	1.0mm Rigid Plate, TL	2.6mm x 50mm	1.0mm	1.0mm
70-3142R	1.4mm Rigid Plate, TL	3.0mm x 75mm	1.2mm	1.4mm
70-3162R	1.6mm Rigid Plate, TL	3.0mm x 85mm	1.5mm	1.6mm



Chihuahua, 1.6 kg  
1.4mm Rigid Plate, Straight



Boxer, 17 kg  
1.4mm Rigid Plate, Straight



Terrier Cross, 12 kg  
1.0mm X-Plate, Straight

# VetKISS® Screws and Drill Bits

## Screws

VetKISS® screws share a common 3.0mm shaft that utilizes a single, precision driver across all screw diameters (1.0, 1.4, and 1.6mm). Once locked, VetKISS® screws should be rocked to and from along the long axis of the plate as to remove shafts leaving the hex screw head in place. Screws can be removed using the appropriately sized hex driver. Most surgeons will install three or more screws to maintain reduction and stability before removing screw shafts. 316LVM stainless steel.



Ø 1.0mm Screws		Ø 1.4mm Screws		Ø 1.6mm Screws	
Item #	Length	Item #	Length	Item #	Length
70-1004	4mm	70-1404	4mm	70-1604	4mm
70-1005	5mm	70-1405	5mm	70-1605	5mm
70-1006	6mm	70-1406	6mm	70-1606	6mm
70-1007	7mm	70-1407	7mm	70-1607	7mm
70-1008	8mm	70-1408	8mm	70-1608	8mm
70-1010	10 mm	70-1410	10 mm	70-1610	10 mm
		70-1412	12 mm	70-1612	12 mm
				70-1614	14 mm
Required		Required		Required	
1.8mm hex driver		2.5mm hex driver		2.5mm hex driver	
0.8mm drill bit		1.15mm drill bit		1.3mm drill bit	

## 1.5mm Shaft Drill Bits

VetKISS® 1.5mm shaft diameter drill bits feature a tapered quick connector for use with the Micro Drill. These drill bits can also be used in a 3-jaw chuck. Hardened tool steel and titanium nitride coated. **Not included in implant starter kits.**



Item #	Diameter	Shaft	Length	Max Depth
70-4080	0.8mm	1.5mm	30mm	14mm
70-4115	1.15mm	1.5mm	30mm	16mm
70-4130	1.3mm	1.5mm	30mm	18mm

## 2.35mm Shaft Drill Bits

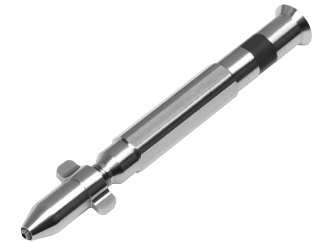
VetKISS® 2.35mm shaft diameter drill bits are designed for use with pneumatic drills/burrs (Hall Air Drill, Brassler BSP, and other 2.35mm shaft compatible drills). These drill bits can also be used in a 3-jaw chuck. Hardened stainless steel. **Not included in implant starter kits.**



Item #	Diameter	Shaft	Length	Max Depth
70-4080P	0.8mm	2.35mm	50mm	18mm
70-4115P	1.15mm	2.35mm	53mm	18mm
70-4130P	1.3mm	2.35mm	56mm	18mm

# VetKISS® Instrumentation

ITEM #	DESCRIPTION
70-5018	1.8mm Hex Driver
70-5025	2.5mm Hex Driver
	<p>Hex drivers feature a 3mm shaft and like VetKISS® screws couple with the finger converting the screwdriver into a hex driver for screw removal. Alternatively, if a screw shaft breaks off prematurely, the hex driver and finger driver can be used to complete screw insertion or alternatively screw removal and replacement. <b>Included in implant starter sets.</b> Stainless Steel.</p> <p>1.8mm hex driver: 1.0mm screws 2.5mm hex driver: 1.4mm and 1.6mm screws</p>
70-6002	Finger Driver
	<p>The VetKISS® equivalent of screwdrivers, finger drivers are short and lightweight providing watchmaker’s precision feel when applying screws. <b>Not included in implant starter sets.</b> Stainless steel.</p>
70-6004	Depth Gauge
	<p>Small and lightweight as not to damage bone. This unique depth gauge functions with all 3 implant sets and allows accurate depth measurement even through 0.8mm holes. <b>Not included in implant starter sets.</b> Stainless steel and PEEK. Max depth: 16mm.</p>
70-6005	Micro Drill
	<p>This battery powered, autoclavable drill provides fingertip precision for accurate hole placement. A tapered quick connect mechanism supports easy insertion and removal of VetKISS® 1.5mm shaft drill bits. Readily available CR123A photo batteries (3 required) not included. Remove batteries prior to sterilization.</p> <p>In hard bone of mature patients, the Micro Drill can be power limited requiring repeated pecking motions resulting in prolonged drilling times. Consider pneumatic drills (i.e., Hall Air Drill, Brasseler BSP, and others) compatible with 2.35mm shaft drill bits in these applications to simplify pre-drilling.</p>



# VetKISS® Instrumentation and Implant Caddies

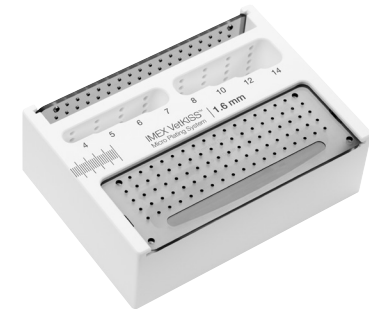
ITEM #	DESCRIPTION
70-6001	<p><b>Multifunction Plier</b></p> <p>Used to contour or shape VetKISS® plates as desired.</p>
70-6003	<p><b>Plate Cutter</b></p> <p>Used to cut VetKISS® plates to desired length. 1.6mm rigid plates would benefit from larger plate cutters. Stainless steel.</p>



## Implant Caddies

VetKISS® implant caddies allow for easy storage and retrieval of screws, plates, drill bits and hex drivers. Both durable and functional, these implant caddies make for simple storage and reorder of VetKISS® components. Implant caddies are designed to lay with the screws in a horizontal position during surgery to provide easy access to contents. Caddy base constructed from autoclavable polypropylene with translucent radel lids. **Included with implant starter sets.**

Item #	Description
70-7010	Implant Caddy for 1.0mm VetKISS® Set
70-7014	Implant Caddy for 1.4mm VetKISS® Set
70-7016	Implant Caddy for 1.6mm VetKISS® Set



## VetKISS® Starter Sets

VetKISS® starter sets contain an assortment of screw lengths, plates and an appropriate hex driver in an autoclavable caddy. Tiered design provides a quick and easy method for sorting screw lengths. Available in 1.0, 1.4, and 1.6mm sets. **Drill bits (3 recommended), finger driver (2 recommended), and depth gauge not included.**

### Ø 1.0mm Starter Set

Item # 70-0010

Quantity	Item #	Description
8	<b>70-1004</b>	1.0 x 4mm Screws
8	<b>70-1005</b>	1.0 x 5mm Screws
8	<b>70-1006</b>	1.0 x 6mm Screws
8	<b>70-1007</b>	1.0 x 7mm Screws
8	<b>70-1008</b>	1.0 x 8mm Screws
8	<b>70-1010</b>	1.0 x 10mm Screws
2	<b>70-3101R</b>	1.0mm Rigid Plate, Straight
2	<b>70-3102R</b>	1.0mm Rigid Plate, TL
1	<b>70-5018</b>	1.8mm Hex Driver
1	<b>70-7010</b>	1.0mm Implant Caddy

#### Required (not included)

Item # 70-4080 - 0.8mm / 1.5mm Shaft Drill Bit **or**  
 Item # 70-4080P - 0.8mm / 2.35mm Shaft  
 Item # 70-6002 - Finger Driver  
 Item # 70-6004 - Depth Gauge

### Ø 1.4mm Starter Set

Item # 70-0014

Quantity	Item #	Description
8	<b>70-1404</b>	1.4 x 4mm Screws
8	<b>70-1405</b>	1.4 x 5mm Screws
8	<b>70-1406</b>	1.4 x 6mm Screws
8	<b>70-1407</b>	1.4 x 7mm Screws
8	<b>70-1408</b>	1.4 x 8mm Screws
8	<b>70-1410</b>	1.4 x 10mm Screws
8	<b>70-1412</b>	1.4 x 12mm Screws
2	<b>70-3141R</b>	1.4mm Rigid Plate, Straight
2	<b>70-3142R</b>	1.4mm Rigid Plate, TL
1	<b>70-5025</b>	2.5mm Hex Driver
1	<b>70-7014</b>	1.4mm Implant Caddy

#### Required (not included)

Item # 70-4115 - 1.15mm / 1.5mm Shaft Drill Bit **or**  
 Item # 70-4115P - 1.15mm / 2.35mm Shaft  
 Item # 70-6002 - Finger Driver  
 Item # 70-6004 - Depth Gauge

### Ø 1.6mm Starter Set

Item # 70-0016

Quantity	Item #	Description
8	<b>70-1604</b>	1.6 x 4mm Screws
8	<b>70-1605</b>	1.6 x 5mm Screws
8	<b>70-1606</b>	1.6 x 6mm Screws
8	<b>70-1607</b>	1.6 x 7mm Screws
8	<b>70-1608</b>	1.6 x 8mm Screws
8	<b>70-1610</b>	1.6 x 10mm Screws
8	<b>70-1612</b>	1.6 x 12mm Screws
8	<b>70-1614</b>	1.6 x 14mm Screws
2	<b>70-3161R</b>	1.6mm Rigid Plate, Straight
2	<b>70-3162R</b>	1.6mm Rigid Plate, TL
1	<b>70-5025</b>	2.5mm Hex Driver
1	<b>70-7016</b>	1.6mm Implant Caddy

#### Required (not included)

Item # 70-4130 - 1.3mm / 1.5mm Shaft Drill Bit **or**  
 Item # 70-4130P - 1.3mm / 2.35mm Shaft  
 Item # 70-6002 - Finger Driver  
 Item # 70-6004 - Depth Gauge

## Intramedullary (Steinmann) Pins

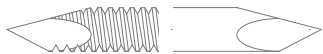
### Trocar/Trocar Smooth

Pins feature a trocar point on each end of a smooth pin. 316LVM stainless steel.



### Trocar/Trocar Partial Thread

Pins feature a trocar point on both ends with one end including approximately 25mm of threaded length. 316LVM stainless steel.



Smooth Item #	Partial Thread Item #	Diameter x Length	Inch Equivalent
<b>10116</b>	<b>11116</b>	1.6mm x 230mm	1/16" x 9"
<b>10564</b>	<b>11564</b>	2.0mm x 230mm	5/64" x 9"
<b>10332</b>	<b>11332</b>	2.4mm x 230mm	3/32" x 9"
<b>10764</b>	<b>11764</b>	2.8mm x 230mm	7/64" x 9"
<b>10180</b>	<b>11180</b>	3.2mm x 230mm	1/8" x 9"
<b>1018L*</b>	—	3.2mm x 305mm	1/8" x 12"
<b>10964</b>	<b>11964</b>	3.5mm x 230mm	9/64" x 9"
<b>10532</b>	<b>11532</b>	4.0mm x 230mm	5/32" x 9"
<b>1053L*</b>	—	4.0mm x 305mm	5/32" x 12"
<b>1031S</b>	—	4.8mm x 230mm	3/16" x 9"
<b>10316</b>	<b>11316</b>	4.8mm x 305mm	3/16" x 12"
<b>1014S</b>	—	6.3mm x 230mm	1/4" x 9"
<b>10140</b>	<b>11140</b>	6.3mm x 305mm	1/4" x 12"

\*1018L and 1053L "long" versions are commonly utilized as a tie-in with external skeletal fixators.

## Intramedullary (Steinmann) Pin Starter Kits

IM pin kits contain an assortment of standard size K-wires and IM pins in an autoclavable cloth bag with labeled pockets for the various sizes. Available in smooth and partial thread.

### Smooth IM Pin Starter Kit with IM Pin Bag

Item # 10SKT

Quantity	Item #	Description
6	<b>00035</b>	.035" x 6" K-wire
6	<b>00045</b>	.045" x 6" K-wire
6	<b>00062</b>	.062" x 6" K-wire
2	<b>10116</b>	1/16" x 9" IM Pin, Smooth
2	<b>10564</b>	5/64" x 9" IM Pin, Smooth
2	<b>10332</b>	3/32" x 9" IM Pin, Smooth
2	<b>10764</b>	7/64" x 9" IM Pin, Smooth
2	<b>10180</b>	1/8" x 9" IM Pin, Smooth
2	<b>10964</b>	9/64" x 9" IM Pin, Smooth
2	<b>10532</b>	5/32" x 9" IM Pin, Smooth
2	<b>10316</b>	3/16" x 12" IM Pin, Smooth
2	<b>10140</b>	1/4" x 12" IM Pin, Smooth
1	<b>30005</b>	Cloth IM Pin Bag, Autoclavable

### Partial Thread IM Pin Starter Kit with IM Pin Bag

Item # 11SKT

Quantity	Item #	Description
6	<b>00035</b>	.035" x 6" K-wire
6	<b>00045</b>	.045" x 6" K-wire
6	<b>00062</b>	.062" x 6" K-wire
2	<b>11116</b>	1/16" x 9" IM Pin, Partial Thread
2	<b>11564</b>	5/64" x 9" IM Pin, Partial Thread
2	<b>11332</b>	3/32" x 9" IM Pin, Partial Thread
2	<b>11764</b>	7/64" x 9" IM Pin, Partial Thread
2	<b>11180</b>	1/8" x 9" IM Pin, Partial Thread
2	<b>11964</b>	9/64" x 9" IM Pin, Partial Thread
2	<b>11532</b>	5/32" x 9" IM Pin, Partial Thread
2	<b>11316</b>	3/16" x 12" IM Pin, Partial Thread
2	<b>11140</b>	1/4" x 12" IM Pin, Partial Thread
1	<b>30005</b>	Cloth IM Pin Bag, Autoclavable

## K-Wire and Miniature Stick-Pins

### K-Wire



Trocar points on each end of a small diameter smooth pin. 6" or 9" lengths, except 0.028" x 5". Six wires per package. 316LVM stainless steel.

Item #	Diameter x Length	Inch Equivalent
<b>00028</b>	0.7mm x 125mm	0.028" x 5"
<b>00035</b>	0.9mm x 150mm	0.035" x 6"
<b>00045</b>	1.1mm x 150mm	0.045" x 6"
<b>00062</b>	1.6mm x 150mm	0.062" x 6"
<b>01035</b>	0.9mm x 230mm	0.035" x 9"
<b>01045</b>	1.1mm x 230mm	0.045" x 9"
<b>01054</b>	1.4mm x 230mm	0.054" x 9"
<b>01062</b>	1.6mm x 230mm	0.062" x 9"

### Miniature Stick-Pins

Frequently utilized as short, partially threaded Kirschner wires. Common clinical applications include tibial crest translocations, capital physeal fractures, and avulsion fractures/osteotomy of the greater trochanter. These partially threaded pins feature a trocar point on each end and are regularly used in combination with cerclage and tension band applications. Originally based on miniature Interface® half-pins and positive-profile thread design. Implant Quality 316LVM Stainless Steel.

Item #	Recommended Drill Bit	Shaft / Thread Diameter	Inch Equivalent	Thread Length	Total Length	Pins per Pack
<b>06035</b>	0.8mm	0.9mm / 1.1mm	0.035" / 0.045"	12mm	75mm	6
<b>06045</b>	1.1mm	1.1mm / 1.4mm	0.045" / 0.056"	12mm	75mm	6
<b>06062</b>	1.5mm	1.6mm / 1.9mm	0.062" / 0.075"	12mm	75mm	6
<b>06078</b>	1.8mm	2.0mm / 2.3mm	5/64" / 0.091"	15mm	75mm	6



### K-Wire Benders



Available in two sizes and manufactured from hardened stainless steel, the K-wire bender allows repeatable and accurate bending of common K-wire diameters from 0.7mm to 1.6mm (0.028" to 0.062"). Rounded ends assist in creating a smooth, uniform bend at the desired angle and location. Commonly used with tibial tuberosity transposition, fracture/osteotomy of the greater trochanter, and fracture/osteotomy of the olecranon.

Item #	Description	Accepted Diameters	Inch Equivalent
<b>30015</b>	Small K-wire Bender	0.7mm – 1.1mm	0.028" – 0.045"
<b>30016</b>	Large K-wire Bender	1.4mm – 1.6mm	0.054" – 0.062"



## Orthopedic (Cerclage) Wire

### Orthopedic (Cerclage) Wire

Rolled orthopedic wire for cerclage application. Available on non-wicking, plastic, autoclavable spools or free-rolled without autoclavable spools. Free-rolls provide a better value and lay flat in surgery packs. Wire on autoclavable spools can be easier to identify and handle. 316LVM stainless steel.

Item #	Diameter	Style	Approx. Length
<b>04016</b>	1.2mm (16 gauge)	Spool	3 meters
<b>04018</b>	1.0mm (18 gauge)	Spool	4 1/4 meters
<b>04020</b>	0.8mm (20 gauge)	Spool	6 1/2 meters
<b>04022</b>	0.6mm (22 gauge)	Spool	10 meters
<b>05016</b>	1.2mm (16 gauge)	Free Roll	10 meters
<b>05018</b>	1.0mm (18 gauge)	Free Roll	10 meters
<b>05020</b>	0.8mm (20 gauge)	Free Roll	10 meters
<b>05022</b>	0.6mm (22 gauge)	Free Roll	10 meters



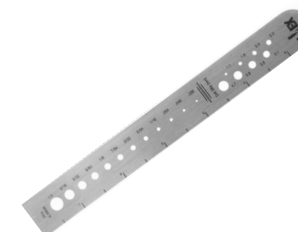
## Pin and Wire Accessories

ITEM #	DESCRIPTION
30001	3/8-24 Extended Chuck and Key
31001	1/2-20 Extended Chuck and Key Cannulated, stainless power drill adapter and key. Available in a 3/8" or 1/2" option with dimensions based on the diameter of the cordless drill's threaded shaft. Remove the factory chuck to determine the appropriate drill extension. Holds 0.5 to 7.0mm diameters.
30002	Hand Chuck with Key and Extension Tube Cannulated, stainless Jacobs chuck on anodized, knurled handle. Will hold from 0.5 to 7.0mm diameters. Extension provides hand protection when placing long pins. Stainless key included.
30003	Stainless Steel Replacement Key for 7.0mm Jacobs Chuck Fits 7.0mm Jacobs chuck on extended chucks used with power surgery drill (Item #s 30001 and 31001) and hand chuck (Item # 30002).
30008	Mini Hand Chuck This hand-held pin driver is very useful for K-wires and very small IM pins. Provides fingertip precision and control when placing K-wires from 0.7mm to 2.0mm (0.028" to 5/64"). Keyless.



## Pin and Wire Accessories

ITEM #	DESCRIPTION
30010	<p><b>Power Surgery Drill with Extended Chuck and Key</b></p> <p>This variable speed Bosch drill includes an extended chuck (Item # 31001), stainless chuck key (Item # 30003), external charger and two lithium ion battery packs. The extra battery can safely remain on the charger. <b>Drill and batteries are not autoclavable.</b> Commonly used with an autoclavable drill shroud (Item # 30006).</p>
30005	<p><b>IM Pin Organizer Bag</b></p> <p>Autoclavable cloth bag with labeled pockets for the various sizes of IM pins and K-wires. Double reinforced bottom fold. Sold separately or included with purchase of IM pin starter kits.</p>
30006	<p><b>Cloth Drill Shroud</b></p> <p>Autoclavable cloth shroud utilized with power drill adapter to provide a sterile field when using a non-sterile drill. Fits IMEX® surgery drill and a variety of smaller hardware store drills. Not suitable for larger drills with expanded handles.</p>
30009	<p><b>IM Pin Gauge / Scale</b></p> <p>Accurately measure lengths and gauge diameters of K-wires, ESF pins, drill bits and IM pins in metric or inch. Gauge holes range from 0.9mm (0.035”) to 6.3mm (1/4”) for pins and wires with a dedicated section available for sizing common external fixation and plating drill bit diameters (1.1mm to 4.7mm). Stainless Steel</p>



## Pin and Wire Accessories

### Pin Caps

Autoclavable pin caps for protecting IM pin and ESF pin points during sterilization and storage. Also covers cut ends of external fixation pins, protecting owners and patients during bandage changes. Approximately 50 per pack.



Item #	Accepted Pin Sizes
<b>Capblack</b>	2.0mm
<b>Capwhite</b>	2.4mm and 2.8mm
<b>Capblue</b>	3.2mm and 3.5mm
<b>Capgray</b>	4.0mm and 4.8mm

### K-Wire Benders

Available in two sizes and manufactured from hardened stainless steel, the K-wire bender allows repeatable and accurate bending of common K-wire diameters from 0.7mm to 1.6mm (0.028" to 0.062"). Rounded ends assist in creating a smooth, uniform bend at the desired angle and location. Commonly used with tibial tuberosity transposition, fracture/osteotomy of the greater trochanter, and fracture/osteotomy of the olecranon.



Item #	Description	Accepted Diameters	Inch Equivalent
<b>30015</b>	Small K-wire Bender	0.7mm – 1.1mm	0.028" – 0.045"
<b>30016</b>	Large K-wire Bender	1.4mm – 1.6mm	0.054" – 0.062"

# Suture Anchors

Often termed tissue anchors or bone anchors, these implants are practical alternatives to bone tunnels, screw-washer combinations, and other methods of attaching soft tissue to bone. Anchors are easy to use in locations where bone tunnels are not readily placed and represent a smaller profile than screw/washer combinations. Developed in conjunction with several referral surgical facilities, these anchors and related suture materials should be considered temporary fixation devices that allow tissue to heal to its original location, protect primary soft tissue repairs during the early phases of healing, or facilitate the formation of fibrous tissue to assist in maintaining joint stability. Suture anchors are threaded implants designed to maximize implant/bone interface by being screwed into bone. Pre-drilling is required; however, the anchors are self-tapping.

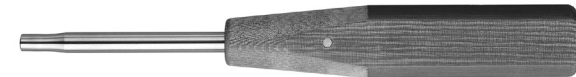
The 4.0mm and 4.7mm suture anchor's square drive-head with cross-hole is approximately 2.0mm in height. 2.7mm anchors have an elliptical head approximately 2.4mm in height. The driver for the 2.7mm anchor is slotted to allow preloaded suture prior to application.

## Suture Anchors

Suture anchors are screwed into bone to act as insertion points for sutures used in reconstruction of ligaments, joint capsules and tendons.

- 2.7mm anchors accept most brands of 60 lb. nylon leader and #2 suture
- 4.0mm anchors accept most brands of 60 lb. nylon leader and #2 suture
- 4.7mm anchors accept most brands of 80 lb. nylon leader and #5 suture

Many other suture types and sizes are frequently used depending on the surgeon's preference.



## Suture Anchor Drivers

A durable design to withstand many anchor applications.

Item #	Description	Head/Driver Style
<b>61-27-DR</b>	2.7mm Driver	Elliptical
<b>61-40-DR</b>	4.0mm Driver	Square
<b>61-47-DR</b>	4.0mm Driver	Square

Item #	Diameter	Thread Length	Hole Dimension	Recommended Drill Bit	Head/Driver Style
<b>60-27-09</b>	2.7mm	9mm	1.3mm	1.5mm	Elliptical
<b>60-40-06</b>	4.0mm	6mm	1.1mm	2.7mm	Square
<b>60-40-10</b>	4.0mm	10mm	1.1mm	2.7mm	Square
<b>60-47-06</b>	4.7mm	6mm	1.3mm	3.5mm	Square
<b>60-47-10</b>	4.7mm	10mm	1.3mm	3.5mm	Square

# Suture Anchor Caddy and Starter Set

## Suture Anchor Caddy

Item # 61-CA-DD

Anchor caddy is labeled with anchor dimensions and item numbers to simplify inventory management. Caddy design simplifies anchor retrieval directly into self-retaining anchor driver. For use with 2.7mm, 4.0mm and 4.7mm anchors. Autoclavable.

## Suture Anchor Starter Set

Item # 60-00-00

Qty	Item #	Description
3	<b>60-27-09</b>	2.7mm x 9mm Anchor
3	<b>60-40-06</b>	4.0mm x 6mm Anchor
3	<b>60-40-10</b>	4.0mm x 10mm Anchor
3	<b>60-47-06</b>	4.7mm x 6mm Anchor
3	<b>60-47-10</b>	4.7mm x 10mm Anchor
1	<b>61-CA-DD</b>	Anchor Caddy
1	<b>61-27-DR</b>	2.7mm Anchor Driver
1	<b>61-40-DR</b>	4.0mm Anchor Driver
1	<b>61-47-DR</b>	4.7mm Anchor Driver
1	<b>33015</b>	1.5mm ESF Drill Bit
1	<b>32027</b>	2.7mm StickTite™ Drill Bit
1	<b>32035</b>	3.5mm StickTite™ Drill Bit



# Universal Aiming Device, Drill Guides and Toggle Pins

## Universal Aiming Device

**Item # 50000**

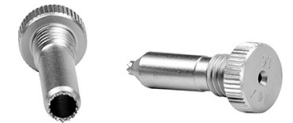
A high quality, adjustable aiming device for pre-drilling and pin placement. While commonly used for coxofemoral luxation repair with the toggle pin method, this instrument can also be used for many other applications including: lag screw repair of condylar fractures, placement of calcaneo-tibial screws for repair of Achilles tendons, and lag screw fixation of femoral neck fractures. A variety of screw-in-place drill guides are available to support many drill bit diameters.



## Drill Guides for Universal Aiming Device

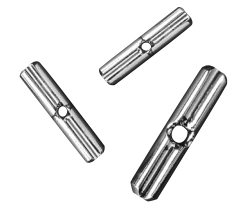
Screw-in-place drill guides are easily interchanged. Nine drill guide diameters are available and can be purchased independently as needed.

Item #	Drill Bit Diameter	Item #	Drill Bit Diameter
<b>50016</b>	1.6mm	<b>50031</b>	3.1mm
<b>50020</b>	2.0mm	<b>50035</b>	3.5mm
<b>50023</b>	2.3mm	<b>50039</b>	3.9mm
<b>50025</b>	2.5mm	<b>50045</b>	4.5mm
<b>50027</b>	2.7mm		



## Toggle Pins

Toggle pins are placed medial to the acetabular wall to anchor suture. The cross-hole sizes are compatible with most commonly used sizes of monofilament suture material. Depending on the size of suture used, the required acetabular wall drill bit may be approximately the same size as the toggle pin or up to 1-2 millimeters larger (to allow for large suture). The blunt end of a suture passer can be used to assist with final passage of the toggle pin through the acetabular wall. Femoral neck drill bit diameter should not risk mechanical or biologic damage to the femoral neck. Implant quality stainless steel.



Item #	Diameter	Length	Cross-hole	Accepted Suture
<b>55027</b>	2.7mm	10mm	1.1mm	40 lb and #2
<b>55032</b>	3.2mm	14mm	1.1mm	60 lb and #2
<b>55040</b>	4.0mm	18mm	1.9mm	80 lb and #5

# Suture Buttons, Suture Passer and Coxofemoral Luxation Starter Set

## Polypropylene Suture Button

Item # 55100S

These two-hole suture buttons are used at the lateral femur to simplify suture tie-off when performing the toggle pin method of coxofemoral reduction. The 2.0mm hole diameter can accommodate virtually all large suture materials. Approximately 6.5mm x 14mm. Pre-packaged sterile.



## Titanium Suture Button

Item # 55200

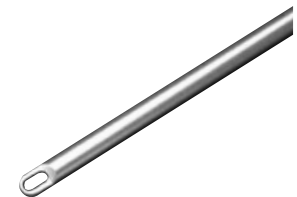
Two-hole titanium suture buttons, like polypropylene suture buttons, are used at the lateral femur to simplify suture tie-off with the toggle pin method of hip luxation repair and find additional uses in other surgical procedures. The paired 1.7mm holes will accommodate virtually all suture material choices. Approximately 3.2mm x 10mm.



## Suture Passer

Item # 55000

Similar to a large sewing needle with an eye, this suture passer is designed to be a very economical method of pulling suture down the femoral neck. The passer diameter is 3.2mm and with suture included, it is necessary to utilize a 3.5mm drill bit. This instrument is most useful when utilizing soft pliable suture material, while stiffer monofilament materials are usually pushed through the femoral hole by hand. The blunt end is also utilized to “pop” the toggle pin through the acetabular wall. With smaller patients and femoral neck tunnels less than 3.5mm, use cerclage wire to pull suture.



## Coxofemoral Luxation Starter Set

Item # 55SKT

Qty	Item #	Description	Qty	Item #	Description
1	<b>50000</b>	Universal Aiming Device	3	<b>55200</b>	Titanium Suture Button
1	<b>50035</b>	3.5mm Universal Aiming Device Drill Guide	1	<b>32035</b>	3.5mm StickTite™ Drill Bit
1	<b>55000</b>	3.2mm Suture Passer	1	<b>32039</b>	3.9mm StickTite™ Drill Bit
3	<b>55100S</b>	Polypropylene Suture Button	6	<b>55032</b>	3.2mm Toggle Pin

# Spiked Bone Washers

## Spiked Bone Washers

Most commonly used for re-attaching avulsed soft tissue to bone. The 6.0mm spiked bone washer functions with 2.0mm and 2.7mm bone screws. The 11mm spiked bone washer functions best with 3.5mm, 4.0mm cancellous, or 4.5mm bone screws and will function with some brands of 2.7mm bone screws. Implant quality stainless steel.

Item #	Diameter	Recommended Bone Screws
<b>56006</b>	6.0mm	2.0mm, 2.7mm
<b>56011</b>	11.0mm	3.5mm, 4.0mm, 4.5mm



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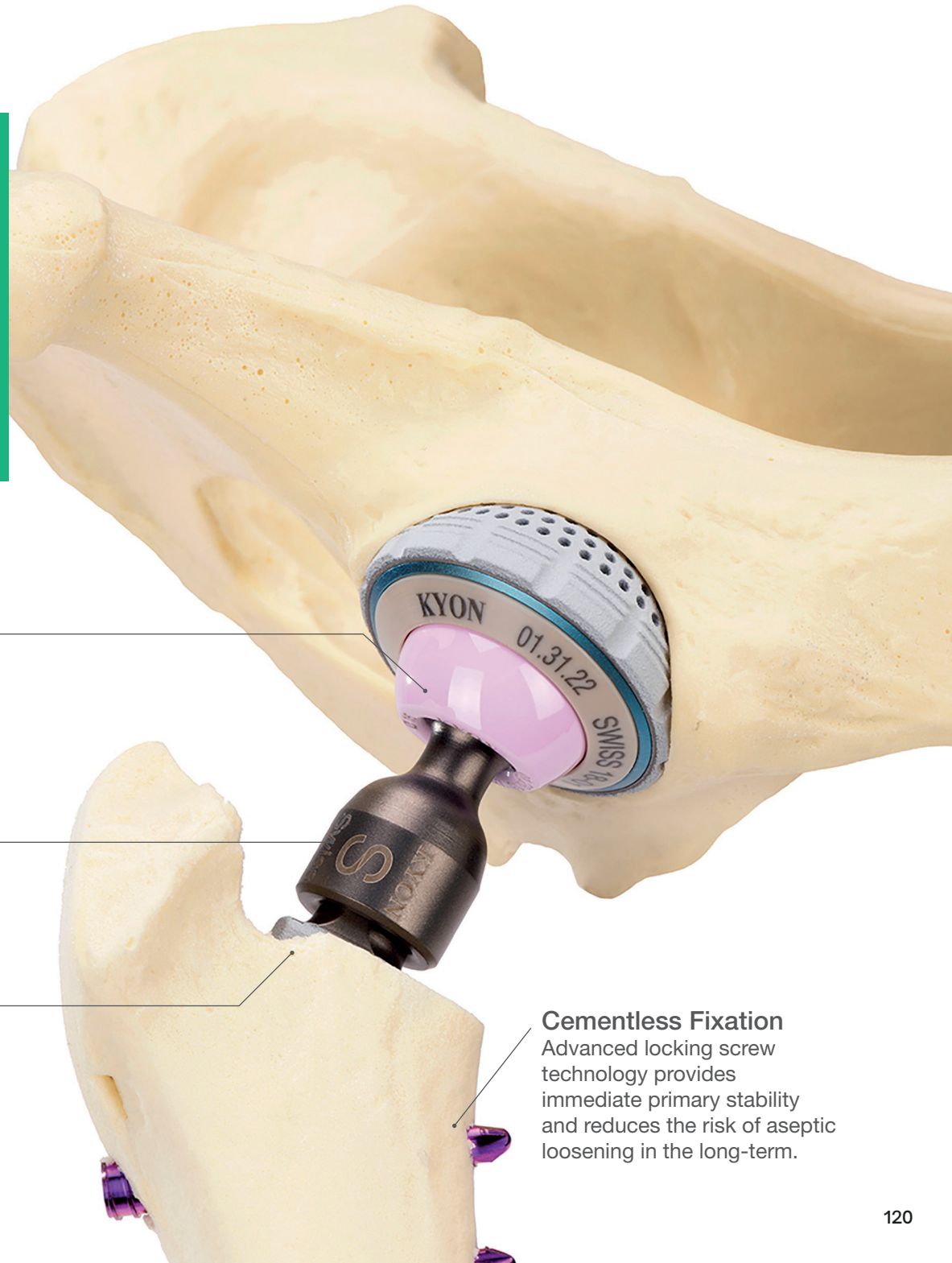
# Hip Replacement System

**First Ceramic System for Pets**  
VERILOX® advanced Ceramic Heads are made of Zirconia Toughened Alumina, a material extensively used in human orthopedics and known for its extreme hardness, toughness and biocompatibility.

**Titanium and Titanium Alloy**  
For supreme biocompatibility and a reduced risk of infection, titanium and titanium alloys are used.

**Compatible with BioMedtrix**  
To provide the patient with the ideal solution, the Zurich Cementless components are partially compatible with BioMedtrix's Universal Hip system.

**Cementless Fixation**  
Advanced locking screw technology provides immediate primary stability and reduces the risk of aseptic loosening in the long-term.



## Hip Replacement System

### Double Titanium Shell

The porous titanium shell and hydroxyapatite coating ensure a rapid osseointegration.

### Wear Reducing Design

The aspherical inner cup consists of PEEK with a CFR-PEEK inlay (Fossa™) and reduces the friction to a minimum.

### From Toy to Giant Breeds

The wide range of sizes allows for an ideal fit to treat cats and dogs of almost every breed.

### Immediate Fixation

The advanced locking screw technology provides immediate primary stability and reduces the risk of aseptic loosening.



### VERILOX® Advanced Ceramic

Extreme hardness, toughness and biocompatibility are characteristics of the heads made out of Zirconia Toughened Alumina.

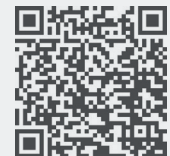
### Titanium and Titanium Alloy

For supreme biocompatibility and a reduced risk of infection titanium and titanium alloys are used.

### Compatible with BioMedtrix

To provide the patient with the ideal solution, the Zurich Cementless components are partially compatible with BioMedtrix's Universal Hip system.

For further information about our Hip Replacement System:  
[www.kyon.ch/thr](http://www.kyon.ch/thr)



Hip Replacement Configurations:  
[www.kyon.ch/thr-configuration](http://www.kyon.ch/thr-configuration)



## Stems



Item #	Size	Stem
01.12.12	Stem 3 mm (Mini XS), 3 screws	<b>Stem</b> <ul style="list-style-type: none"> <li>• Titanium Alloy</li> <li>• Ti-HA Coated</li> <li>• Comes with Monocortical Screws</li> </ul>
01.12.20	Stem 3 mm (Mini XS Narrow), 3 screws	
01.12.13	Stem 4 mm (Mini S), 3 screws	
01.12.19	Stem 4 mm (Mini S Narrow), 3 screws	
01.12.14	Stem 5 mm (Mini M), 3 screws	
01.12.21	Stem 5 mm (Mini L Narrow), 3 screws	
01.12.17	Stem 6 mm (Mini L), 3 screws	
01.12.18	Stem 6 mm (Mini XL), 4 screws	
01.11.25	Stem 8 mm (Standard XS), 3 screws	
01.11.21	Stem 8 mm (Standard S), 3 screws	
01.11.22	Stem 8 mm (Standard M), 4 screws	
01.11.23	Stem 8 mm (Standard L), 4 screws	
01.11.44	Stem 8 mm (Giant XL), 5 screws	
01.11.64	Stem 9 mm (Giant XXL), 5 screws	
01.11.20	Stem 11 mm (Tiger), 4 screws	
01.11.26	Stem 11 mm (Tiger Narrow), 4 screws	

## Peg



Item #	Size	Peg Cap
01.25.01	ø16 mm for Stem 8 mm	<ul style="list-style-type: none"> <li>• Titanium Alloy</li> </ul>

### Supplement Set Color Guide

- Mini (Size 3-6)
- Standard & Giant (Size 8-9)
- Tiger (Size 11)

## Stem Screws



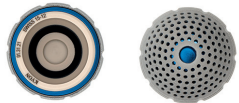
Item #	Screw Length	Stem Screw
01.47.06	6 mm Monocortical <sup>1</sup>	<b>ø1.5 mm Mini Stem Screw</b> <ul style="list-style-type: none"> <li>• For 3 mm Stem</li> <li>• <sup>1</sup>T4 Recess, <sup>2</sup>T6 Recess</li> <li>• Titanium Alloy</li> </ul>
01.47.11	11 mm Bicortical <sup>2</sup>	
01.47.13	13 mm Bicortical <sup>2</sup>	
01.47.15	15 mm Bicortical <sup>2</sup>	
01.46.07	7 mm Monocortical	<b>ø2.0 mm Mini Stem Screw</b> <ul style="list-style-type: none"> <li>• For 4 mm &amp; 5 mm Stem</li> <li>• T7 Recess</li> <li>• Titanium Alloy</li> </ul>
01.46.13	13 mm Bicortical	
01.46.15	15 mm Bicortical	
01.46.17	17 mm Bicortical	
01.46.20	20 mm Bicortical	
01.42.01	11 mm Monocortical	<b>ø2.4 mm Mini Stem Screw</b> <ul style="list-style-type: none"> <li>• For 6 mm Stem</li> <li>• T8 Recess</li> <li>• Titanium Alloy</li> </ul>
01.42.02	19 mm Bicortical	
01.42.03	22 mm Bicortical	
01.42.04	26 mm Bicortical	
01.35.12	12 mm Monocortical	<b>ø3.4 mm Stem Screw</b> <ul style="list-style-type: none"> <li>• For 8 mm and 9 mm Stem</li> <li>• T10 Recess</li> <li>• Titanium Alloy</li> </ul>
01.35.25	25 mm Bicortical	
01.35.30	30 mm Bicortical	
01.35.35	35 mm Bicortical	
01.35.40	40 mm Bicortical	
01.36.14	14 mm Monocortical	<b>ø3.4 mm Stem Screw</b> <ul style="list-style-type: none"> <li>• Long threaded (LT)</li> <li>• For 8 mm and 9 mm Stem</li> <li>• T10 Recess</li> <li>• Titanium Alloy</li> </ul>
01.36.27	27 mm Bicortical	
01.36.32	32 mm Bicortical	
01.36.37	37 mm Bicortical	
01.36.42	42 mm Bicortical	
01.41.20	20 mm Monocortical	<b>ø4.5 mm Tiger Stem Screw</b> <ul style="list-style-type: none"> <li>• For 11 mm Stem</li> <li>• T15 Recess</li> <li>• Titanium Alloy</li> </ul>
01.41.35	35 mm Bicortical	
01.41.40	40 mm Bicortical	
01.41.45	45 mm Bicortical	

## Cups

### Standard Cups (CFR-PEEK/PEEK)



Item #	Outer Diameter / Head Diameter	
01.32.00	Mini Cup ø10 mm / ø6 mm	<b>Inlay Cup</b> <ul style="list-style-type: none"> <li>• CFR-PEEK</li> <li>• Ti-HA Coated</li> </ul>
01.32.09	Mini Cup ø11 mm / ø8 mm	
01.32.01	Mini Cup ø12 mm / ø8 mm	
01.32.10	Mini Cup ø13 mm / ø10 mm	
01.32.08	Mini Cup ø14 mm / ø10 mm	
01.32.03	Mini Cup ø16 mm / ø10 mm	



Item #	Outer Diameter / Head Diameter	
01.32.04	Mini Cup ø18 mm / ø12 mm	<b>PEEK Double Shell Cup</b> <ul style="list-style-type: none"> <li>• Titanium Alloy</li> <li>• PEEK</li> <li>• CFR-PEEK ring</li> <li>• Ti-HA Coated</li> </ul>
01.32.05	Mini Cup ø20 mm / ø12 mm	
01.31.20	Cup ø21.5 mm / ø16 mm	
01.31.21	Cup ø23.5 mm / ø16 mm	
01.31.25	Cup ø26.5 mm / ø19 mm	
01.31.23	Cup ø29.5 mm / ø19 mm	
01.31.24	Cup ø32.5 mm / ø19 mm	
01.31.26	Cup ø34 mm / ø26 mm	
01.31.27	Cup ø36 mm / ø26 mm	
01.31.28	Cup ø38 mm / ø26 mm	

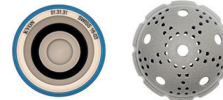
### Special Cups (UHMWPE)

Item #	Outer Diameter / Head Diameter	
01.34.20	Cup ø21.5 mm / ø16 mm	<b>UHMWPE Double Shell Cup</b> <ul style="list-style-type: none"> <li>• Vitamine E cross-linked UHMWPE</li> <li>• Titanium Alloy</li> <li>• Ti-HA Coated</li> </ul>
01.34.21	Cup ø23.5 mm / ø16 mm	
01.34.25	Cup ø26.5 mm / ø19 mm	
01.34.23	Cup ø29.5 mm / ø19 mm	

#### Supplement Set Color Guide

- Mini (Size 3-6)
- Standard & Giant (Size 8-9)
- Tiger (Size 11)

### Revision Cups (CFR-PEEK/PEEK)



Item #	Outer Diameter / Head Diameter	
01.31.31	Cup ø23.5 mm / ø16 mm	<b>Inlay Revision Cup</b> <ul style="list-style-type: none"> <li>• Titanium Alloy</li> <li>• PEEK</li> <li>• CFR-PEEK ring</li> <li>• Ti-HA Coated</li> </ul>
01.31.35	Cup ø26.5 mm / ø19 mm	
01.31.33	Cup ø29.5 mm / ø19 mm	
01.31.34	Cup ø32.5 mm / ø19 mm	

### Revision Cup Screws



Item #	Screw Length	
41.20.08 - 41.20.20	8 mm - 20 mm (2 mm increments)	<b>ø2.0 mm Cortical Specialty Screw</b> <ul style="list-style-type: none"> <li>• Titanium Alloy</li> <li>• Self-Tapping</li> </ul>

See page 70-81 for a complete list of available screws.

### CFR-PEEK/PEEK Replacement Liner

Item #	Outer Diameter / Head Diameter	
01.31.205	Cup ø21.5 mm / ø16 mm	<b>PEEK Replacement Liner</b> <ul style="list-style-type: none"> <li>• PEEK</li> <li>• CFR-PEEK ring</li> </ul>
01.31.215	Cup ø23.5 mm / ø16 mm	
01.31.255	Cup ø26.5 mm / ø19 mm	
01.31.235	Cup ø29.5 mm / ø19 mm	

### UHMWPE Replacement Liner

Item #	Outer Diameter / Head Diameter	
01.34.205	Cup ø21.5 mm / ø16 mm	<b>UHMWPE Replacement Liner</b> <ul style="list-style-type: none"> <li>• Vitamine E cross-linked UHMWPE</li> </ul>
01.34.215	Cup ø23.5 mm / ø16 mm	
01.34.255	Cup ø26.5 mm / ø19 mm	
01.34.235	Cup ø29.5 mm / ø19 mm	

## Heads



Item #	Head Diameter	
01.26.06	ø6 mm	<b>Ceramic Head</b> • VERILOX® Ceramic (Zirconia Toughened Alumina)
01.26.08	ø8 mm	
01.26.10	ø10 mm	
01.26.12	ø12 mm	
01.26.16	ø16 mm	
01.26.19	ø19 mm	
01.26.26	ø26 mm	

01.26.17	ø17 mm	<b>Ceramic Heads for BioMedtrix</b> • Compatible with BioMedtrix Cup
01.26.22	ø22 mm	



Item #	Head Diameter	
31.31.10	ø10 mm	<b>Cupless Flat Head</b> • Titanium Alloy • Amorphous Diamond-like Carbon (ADLC) • For Partial Hip Replacement (PHR)
31.31.12	ø12 mm	
31.31.14	ø14 mm	
31.31.16	ø16 mm	
31.32.04	ø18 mm	
31.32.05	ø20 mm	
31.30.02	ø22 mm	
31.30.03	ø24 mm	
31.30.04	ø26 mm	
31.30.05	ø28 mm	
31.30.06	ø30 mm	
31.30.07	ø32 mm	

### Supplement Set Color Guide

- Mini (Size 3-6)
- Standard & Giant (Size 8-9)
- Tiger (Size 11)

## Necks



Item #	Size (Offset)	Neck <sup>1</sup>
01.22.32	S (-1.1 mm)	<b>S3H6</b> • Titanium Alloy
01.22.33	M (0.0 mm)	
01.22.34	L (+1.1 mm)	
01.22.35	XL (+2.2 mm)	

01.22.36	S (-1.1 mm)	<b>S3H8</b> • Titanium Alloy
01.22.37	M (0.0 mm)	
01.22.38	L (+1.1 mm)	
01.22.39	XL (+2.2 mm)	

01.22.46	S (-1.5 mm)	<b>S4H6</b> • Titanium Alloy
01.22.47	M (0.0 mm)	
01.22.48	L (+1.5 mm)	

01.22.22	S (-1.5 mm)	<b>S4H8</b> • Titanium Alloy
01.22.23	M (0.0 mm)	
01.22.24	L (+1.5 mm)	
01.22.25	XL (+3.0 mm)	

01.22.26	S (-1.5 mm)	<b>S4H10</b> • Titanium Alloy
01.22.27	M (0.0 mm)	
01.22.28	L (+1.5 mm)	
01.22.29	XL (+3.0 mm)	

01.22.43	M (0.0 mm)	<b>S5H8</b> • Titanium Alloy
01.22.44	L (+2.0 mm)	
01.22.45	XL (+4.0 mm)	

01.22.12	S (-2.0 mm)	<b>Neck S5H10</b> • Titanium Alloy
01.22.13	M (0.0 mm)	
01.22.14	L (+2.0 mm)	
01.22.15	XL (+4.0 mm)	

Item #	Size (Offset)	Neck <sup>1</sup>
01.22.16	S (-2.0 mm)	<b>S5H12</b> • Titanium Alloy
01.22.17	M (0.0 mm)	
01.22.18	L (+2.0 mm)	
01.22.19	XL (+4.0 mm)	

01.22.02	S (-2.5 mm)	<b>S6H12</b> • Titanium Alloy
01.22.03	M (0.0 mm)	
01.22.04	L (+2.5 mm)	
01.22.05	XL (+5.0 mm)	

01.22.06	S (-2.5 mm)	<b>S6H16</b> • Titanium Alloy
01.22.07	M (0.0 mm)	
01.22.08	L (+2.5 mm)	
01.22.09	XL (+5.0 mm)	

01.21.30	XS (-5.0 mm)	<b>S8H12</b> • Titanium Alloy
01.21.31	S (-3.0 mm)	
01.21.32	M (0.0 mm)	
01.21.33	L (+3.0 mm)	

01.20.30	XS (-6.0 mm)	<b>S8H16/19</b> • Titanium Alloy
01.20.31	S (-3.0 mm)	
01.20.32	M (0.0 mm)	
01.20.33	L (+3.0 mm)	
01.20.34	XL (+6.0 mm)	

01.20.41	S (-3.0 mm)	<b>SGH19</b> • Titanium Alloy
01.20.42	M (0.0 mm)	
01.20.43	L (+3.0 mm)	

01.20.61	S (-3.0mm)	<b>STH19</b> • Titanium Alloy
01.20.62	M (0.0mm)	
01.20.63	L (+3.0mm)	
01.20.64	XL(+6.0mm)	

01.20.51	S (-3.0 mm)	<b>STH26</b> • Titanium Alloy
01.20.52	M (0.0 mm)	
01.20.53	L (+3.0 mm)	

<sup>1</sup>Neck Sizes:  
S = Compatible Stem Size  
H = Compatible Head Size

## Dual Mobility Cup

### Extra Safety against Luxation

The increased range of motion of the Dual Mobility Head and Cup reduces the risk of post-operative luxation.

### Designed to Last a Lifetime

The VERILOX® Ceramic Head sits preassembled in the PEEK shell articulating with the TiN coated titanium inner shell of the Cup.

### Easy to Use

The Dual Mobility components are compatible with the 6th Generation Standard and Giant Necks.



For high luxation risk patients

### Head



Item #	Head Diameter	Product
01.31.60	ø19 mm	<b>Dual Mobility Head</b> <ul style="list-style-type: none"> <li>• Ceramic Head</li> <li>• Preassembled in PEEK Liner</li> </ul>

### Cups



Item #	Outer Diameter	Product
01.31.43	Cup ø29.5 mm	<b>Dual Mobility Cup</b> <ul style="list-style-type: none"> <li>• Titanium Alloy</li> <li>• Ti-HA Coated</li> </ul>
01.31.44	Cup ø32.5 mm	
01.31.53	Cup ø29.5 mm	<b>Dual Mobility Revision Cup</b> <ul style="list-style-type: none"> <li>• Titanium Alloy</li> <li>• Ti-HA Coated</li> </ul>
01.31.54	Cup ø32.5 mm	

### Revision Cup Screws



Item #	Screw Length	Product
41.20.08 - 41.20.20	8 mm - 20 mm (2 mm Increments)	<b>ø2.0 mm Cortical Specialty Screw</b> <ul style="list-style-type: none"> <li>• Titanium Alloy</li> <li>• Self-Tapping</li> </ul>

See page 70-81 for a complete list of available screws.

For further information about Dual Mobility:  
[www.kyon.ch/thr#dual](http://www.kyon.ch/thr#dual)



## Instruments & Organization

### Stem Preparation Tray

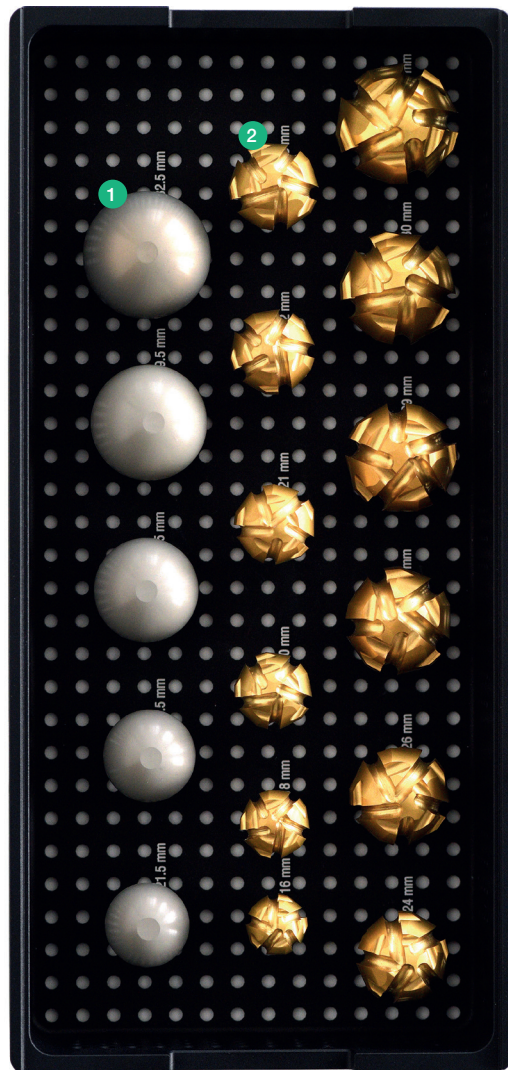


#### Supplement Set Color Guide

- Standard & Giant (Size 8-9)
- Tiger (Size 11)

Item #	Product		
02.10.01	Drill Bit ø6.0 mm, L 195/170 mm	1	Drill Bit and Broaches
02.10.02	Stem Reamer ø8.2 mm, L 225/90 mm	2	
02.10.03	Stem Broach, L 225/90 mm (Medium)	3	
02.10.04	Stem Broach, L 225/90 mm (Large)	4	
02.10.160	Cup Reamer Shaft for Reamer 02.14.xx	5	
02.15.00	Spherical Hand Reamer Shaft for 02.14.xx	6	
02.10.05	T-Handle Large Quick Coupling	7	Various
02.10.06	Adapter ø6.0 mm Quick Coupling to Large	8	
02.30.08	Hammer Head	9	
02.40.01	Tray A - Reamer	10	Organization

## Trial Cup and Reamers Tray



### Supplement Set Color Guide

- Mini (Size 3-6)
- Standard & Giant (Size 8-9)
- Tiger (Size 11)

Item #	Product		
02.81.21	Trial Cup ø21.5 mm Sphere	1	Trial Cups
02.81.23	Trial Cup ø23.5 mm Sphere		
02.81.26	Trial Cup ø26.5 mm Sphere		
02.81.29	Trial Cup ø29.5 mm Sphere		
02.81.32	Trial Cup ø32.5 mm Sphere		
02.81.34	Tiger Trial Cup ø34.5 mm Sphere <sup>1</sup>		
02.81.36	Tiger Trial Cup ø36.5 mm Sphere <sup>1</sup>		
02.81.38	Tiger Trial Cup ø38.5 mm Sphere <sup>1</sup>		
02.14.16	Mini Spherical Cup Reamer ø16 mm	2	Gold Cup Reamer
02.14.18	Mini Spherical Cup Reamer ø18 mm		
02.14.20	Mini Spherical Cup Reamer ø20 mm		
02.14.21	Spherical Cup Reamer ø21 mm		
02.14.22	Spherical Cup Reamer ø22 mm		
02.14.23	Spherical Cup Reamer ø23 mm		
02.14.24	Spherical Cup Reamer ø24 mm		
02.14.26	Spherical Cup Reamer ø26 mm		
02.14.28	Spherical Cup Reamer ø28 mm		
02.14.29	Spherical Cup Reamer ø29 mm		
02.14.30	Spherical Cup Reamer ø30 mm		
02.14.32	Spherical Cup Reamer ø32 mm		
02.14.34	Spherical Cup Reamer ø34 mm <sup>1</sup>		
02.14.36	Spherical Cup Reamer ø36 mm <sup>1</sup>		
02.14.38	Spherical Cup Reamer ø38 mm <sup>1</sup>		
02.01.01	Acetabular Reamers and Trials Tray		Organization
82.10.01	KSS Lid for Tray		

<sup>1</sup> Not included in the Trial Cups and Reamers Tray on the image

**Trial Implants & Impactors Tray**



**Supplement Set Color Guide**

- Standard & Giant (Size 8-9)
- Tiger (Size 11)

Item #	Product		
02.80.10	Trial Head-Neck ø16 mm XS	1	Trial Head-Necks
02.80.15	Trial Head-Neck ø19 mm S		
02.80.05	Trial Stem 8 mm (Standard XS)	2	Trial Stems
02.80.01	Trial Stem 8 mm (Standard S)		
02.80.02	Trial Stem 8 mm (Standard M)		
02.80.03	Trial Stem 8 mm (Standard L)		
02.80.06	Handle for Trial Stems, plus Screw	3	
02.30.13	Impactor ø19 mm Cup flat shoulder	4	Impactors
02.30.14	Impactor ø19 mm Cup ball	5	
02.30.15	Impactor ø21 mm & ø23 mm Cup flat shoulder	6	
02.31.05	Tiger Impactor ø34 mm Cup <sup>1</sup>		
02.31.06	Tiger Impactor ø36 mm Cup <sup>1</sup>		
02.31.07	Tiger Impactor ø38 mm Cup <sup>1</sup>		
02.31.01	Revision Impactor ø23 mm Cup	7	Various
02.31.02	Revision Impactor ø26 mm Cup	8	
02.31.03	Revision Impactor ø29 mm Cup	7	
02.31.04	Revision Impactor ø32 mm Cup	8	
02.31.33	Impactor ø29 mm Cup Dual Mobility <sup>1</sup>		
02.31.34	Impactor ø32 mm Cup Dual Mobility <sup>1</sup>		
02.30.35	Expander for Liner 16mm <sup>1</sup>		
02.30.36	Expander for Liner 19mm <sup>1</sup>		
02.20.14	Adapter Standard Chuck -to- AO Quick Coupling	9	Various
02.84.01	Head / Neck Separator <sup>1</sup>	10	
02.40.08	Trials Tray	11	Organization

<sup>1</sup> Not included in the Cup Reaming Tray on the image

JOINT REPLACEMENT | Zurich Cementless Hip Replacement  
**Drill Guide Tray**



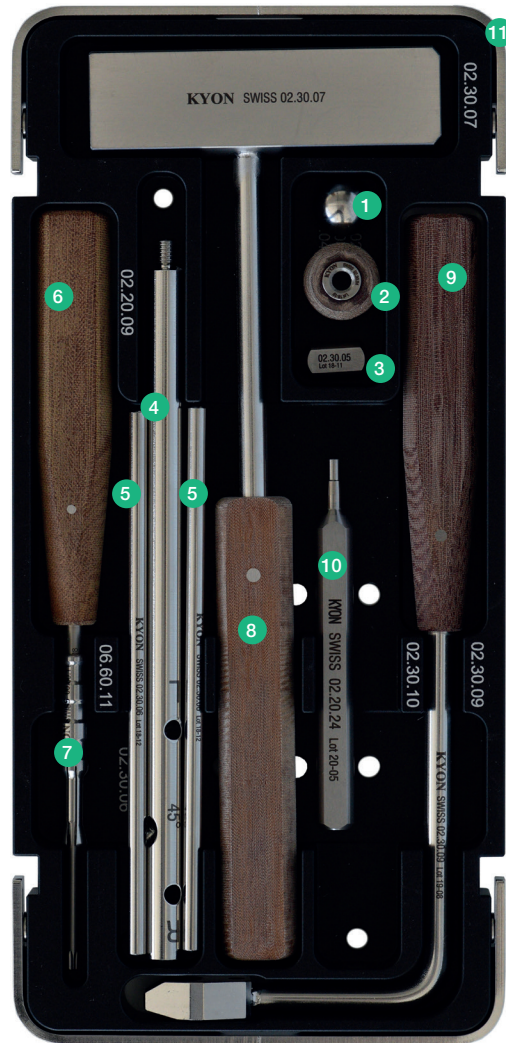
Supplement Set Color Guide

- Standard & Giant (Size 8-9)
- Tiger (Size 11)

Item #	Product		
02.20.01A	Screw for Stem Drill Guide for 8 mm and 9 mm Stem	1	Drill Guide
02.20.00	Stem Drill Guide for 8 mm and 9 mm Stems	2	
02.20.31	Drill Guide Extension for 9 mm Giant Stem <sup>1</sup>		
02.21.01	Tiger Stem Drill Guide for 11 mm Tiger Stem <sup>1</sup>		
02.20.04	Drill Bit ø2.5 mm, L 145/120 mm	3	Drill Bits & Stops
02.20.13	Drill Stop ø2.5 mm	4	
02.20.03	Drill Bit ø3.0 mm, L 145/120 mm	5	
02.20.12	Drill Stop ø3.0 mm	6	
02.20.02	Drill Bit ø4.5 mm, L 145/120 mm	7	
02.20.11	Drill Stop ø4.5 mm for 8 mm Stem	8	
06.10.11	Drill Bit ø3.5 mm L147/120 mm <sup>1</sup>		
06.15.08	Drill Stop ø3.5 mm <sup>1</sup>		
02.21.50	Tiger Drill Bit ø5 mm, L 165 mm 120 mm <sup>1</sup>		Drill Sleeves
02.21.12	Tiger Drill Stop ø5 mm for 11 mm Tiger Stem <sup>1</sup>		
02.20.07	Drill Sleeve ø2.5 mm for 8 mm Stem for acetabulum	9	
02.20.06	Drill Sleeve ø3.0 mm for 8 mm and 9 mm Stem for Medial Cortex Drilling	10	
02.20.05	Drill Sleeve ø4.5 mm for 8 mm and 9 mm Stem for Lateral Cortex Drilling	11	
02.21.06	Tiger Drill Sleeve ø3.5 mm for 11 mm Tiger Stem for Medial Cortex <sup>1</sup>		Various
02.21.05	Tiger Drill Sleeve ø5 mm, for 11 mm Tiger Stem for Lateral Cortex <sup>1</sup>		
04.20.05	Depth Gauge ø2.7 mm to ø4.0 mm (Large)	12	Organization
02.40.02	Drill Guide Tray	13	

<sup>1</sup> Not included in the Drill Guide Tray on the image

JOINT REPLACEMENT | Zurich Cementless Hip Replacement  
**Auxiliaries Tray**



Item #	Product		
02.30.03	Impactor ø16 mm Cup Ball	1	Impactors
02.30.04	Impactor Femoral Head Adapter	2	
02.30.05	Impactor Pointed Head	3	
02.30.01	Impactor Shaft for ø16 mm & ø19 mm Cup	4	
02.30.06	Orientation Pins ø5 mm - Set of Two	5	
02.20.09	Screwdriver T10	6	Screwdriver
06.60.11	Screw Retaining Sleeve	7	
88.10.15	Screwdriver T15 Stainless		
88.10.25	Screwdriver T25 Stainless		
02.30.07	Hammer	8	Various
02.30.09	Femoral Reposition Hook	9	
02.20.24	Alignment Pin for 8 mm and 9 mm Stem	10	
02.21.04	Tiger Alignment Pin for 11 mm Tiger Stem <sup>1</sup>		
02.30.20	Impactor 45° position sleeve		
02.40.03	Auxiliaries Tray	11	Organization

<sup>1</sup> Not included in the Auxiliary Tray on the image

Supplement Set Color Guide

- Standard & Giant (Size 8-9)
- Tiger (Size 11)

Various



Item #	Product		
SAH.701660	Vet Spectrum Putti Bone Rasp, Double Ended, 12in.	1	Rasp
SAH.761300	Vet Spectrum Gallaher Rasp, Straight, 7in	2	
SAH.761302	Vet Spectrum Gallaher Rasp, Convex Curved, 7in	3	
02.30.16	Hohmann Retractor 12 mm / L 25cm 4 Teeth	4	Elevator & Retractor
02.30.17	Hohmann Retractor 20 mm / L 25cm 6 Teeth	5	
02.30.18	FingerMeyerding Retractor L 18cm 25x5 mm	6	
02.30.19	Hattspoon L 23cm 17x30 mm Scoop Bone Curette	7	
02.55.01	Ante-version Template	8	Various
02.60.01	Positioner Set for the Operating Table (11 pcs.)	9	
SAH.K61970	Vet Spectrum EverGreen Narrow Sterilization Container Lid, Grey		Organization
SAH.K61972	Vet Spectrum EverGreen Narrow Sterilization Container Lid, Green		
SAH.K61973	Vet Spectrum EverGreen Narrow Sterilization Container Lid, Blue		
SAH.K61974	Vet Spectrum EverGreen Narrow Sterilization Container Lid, Red		
SAH.K61965	Vet Spectrum EverGreen Narrow Sterilization Container Base (Non-Perforated), X-Short, 315 x 132 x 32 mm		
SAH.K61966	Vet Spectrum EverGreen Narrow Sterilization Container Base (Non-Perforated), Short, 315 x 132 x 63 mm		
SAH.K2744	Vet Spectrum EverGreen Narrow Teflon Reusable Filter (2000 Sterilization Cycles), 215 x 100 mm		
SAH.K2520	Vet Spectrum EverGreen Narrow Sterilization Container Silicone Mat (275x125mm)		

For more information regarding the full portfolio of EverGreen sterilization containers, please visit [Movora.com](http://Movora.com) or contact your local Movora team.

## BioMedtrix and KYON Hip Replacement Compatibility

BioMedtrix's Universal Hip System is now dimensionally compatible with KYON's Zurich Cementless THR System and vice-versa. The primary application for such a cross-over are revision surgeries or because of special anatomical requirements. Long-term clinical data to prove the safety and efficacy is still pending. The following configurations are possible when the special diameter heads are used:

- Stem, Neck and Head (17mm/22mm) from KYON with BFX® or CFX® Cups from BioMedtrix
- Stem and Head from BioMedtrix (16mm/19mm with offsets) from BioMedtrix with Cups from KYON.

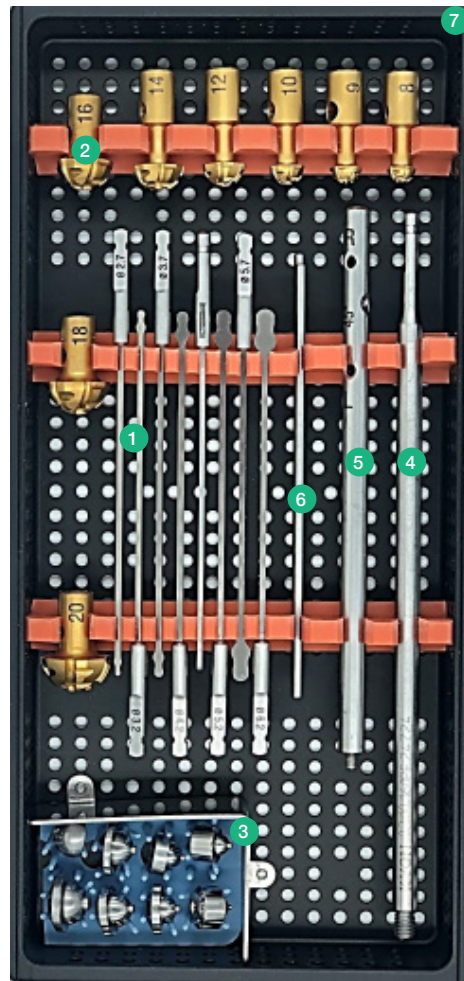


Item #	Product	
01.26.17	Ceramic Head 17mm	KYON
01.26.22	Ceramic Head 22mm	
4-002-17-0	17mm +0 Femoral Head	BioMedtrix
4-002-17-3	17mm +3 Femoral Head	
4-002-17-6	17mm +6 Femoral Head	
4-002-17-9	17mm +9 Femoral Head	
4-002-17-13	17mm +13 Femoral Head	
4-002-22-0	22mm +0 Femoral Head	
4-002-22-3	22mm +3 Femoral Head	
4-002-22-6	22mm +6 Femoral Head	
4-002-22-9	22mm +9 Femoral Head	



JOINT REPLACEMENT | Zurich Cementless Hip Replacement  
**THR Mini Specific Instrument Trays**

Reamer

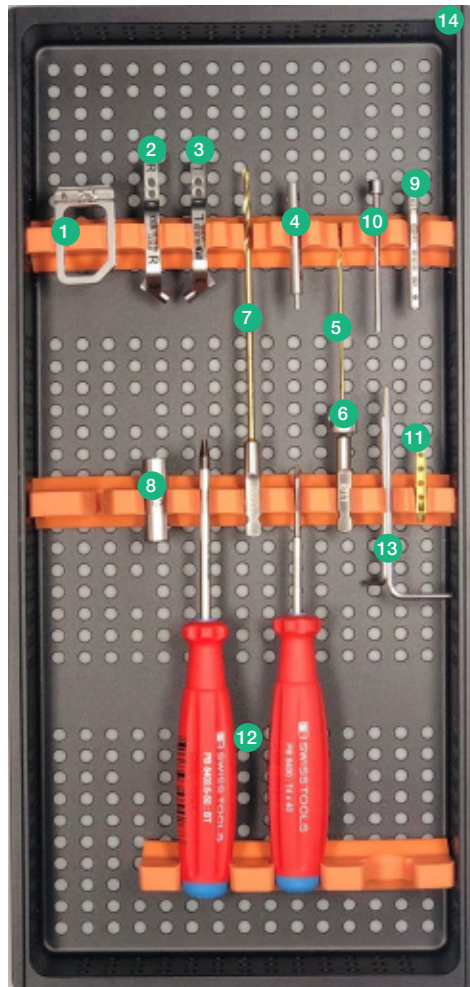


Item #	Product	
02.16.27	Mini Shaft Reamer ø2.7 mm	<b>1 Stem Reamer</b>
02.16.32	Mini Shaft Reamer ø3.2 mm	
02.16.37	Mini Shaft Reamer ø3.7 mm	
02.16.42	Mini Shaft Reamer ø4.2 mm	
02.16.47	Mini Shaft Reamer ø4.7 mm	
02.16.52	Mini Shaft Reamer ø5.2 mm	
02.16.57	Mini Shaft Reamer ø5.7 mm	
02.16.62	Mini Shaft Reamer ø6.2 mm	
06.10.09	Drill Bit ø4.5 mm, L 110 85 mm <sup>1</sup>	
06.10.10	Drill Bit ø5 mm / 110 85 mm <sup>1</sup>	
02.10.06	Adapter ø6 mm / QCK to T-handle <sup>1</sup>	
02.18.00	Mini T-Handle Tap <sup>1</sup>	
02.17.00	Mini Rasp / L 140 mm <sup>1</sup>	
02.14.08	Mini Spherical Cup Reamer ø8 mm	<b>2 Cup Reamer</b>
02.14.09	Mini Spherical Cup Reamer ø9 mm	
02.14.10	Mini Spherical Cup Reamer ø10 mm	
02.14.11	Mini Spherical Cup Reamer ø11 mm	
02.14.12	Mini Spherical Cup Reamer ø12 mm	
02.14.13	Mini Spherical Cup Reamer ø13 mm	
02.14.14	Mini Spherical Cup Reamer ø14 mm	
02.14.15	Mini Spherical cup Reamer ø15 mm <sup>1</sup>	
02.14.16	Mini Spherical Cup Reamer ø16 mm	
02.14.18	Mini Spherical Cup Reamer ø18 mm	
02.14.20	Mini Spherical Cup Reamer ø20 mm	
02.14.21	Spherical Cup Reamer ø21 mm <sup>1</sup>	
02.14.22	Spherical Cup Reamer ø22 mm <sup>1</sup>	
02.14.23	Spherical Cup Reamer ø23 mm <sup>1</sup>	

<sup>1</sup> Not included in the tray on the image

Item #	Product	
02.25.08	Mini Cup Impactor ø10 mm / ø6 mm	<b>3 Impactor</b>
02.24.08	Mini Cup Impactor ø12 mm / ø8 mm	
02.23.08	Mini Cup Impactor ø14 mm / ø10 mm	
02.23.09	Mini Cup Impactor ø16 mm / ø10 mm	
02.32.02	Mini Impactor ø18 mm / ø20 mm Cup Flat Shoulder	
02.32.03	Mini Impactor ø18 mm / ø20 mm Cup Ball	
02.10.160	Reamer Shaft (for Reamers 02.14.xx)	<b>4</b>
02.32.01	Mini Impactor Shaft ø18 mm/ø20 mm Cup	<b>5</b>
02.32.06	Mini Orientation Pins 3, Set of Two	<b>6</b>
02.30.15	Impactor ø21 mm & ø23 mm Cup Flat Shoulder <sup>1</sup>	
02.30.01	Impactor Shaft ø16 mm & ø19 mm Cup <sup>1</sup>	
82.10.01	KSS Lid for tray / for Instruments	<b>Organization</b>
82.30.15	KSS Tray Mini THR Reamers (29.5 mm)	<b>7</b>

JOINT REPLACEMENT | Zurich Cementless Hip Replacement  
**THR Instrument Tray Size 3**



Item #	Product		
02.25.01	Mini Stem Drill Guide Base, for 3 mm Mini Stem	1	Drill Guide
02.25.02	Mini Stem Drill Guide Right Arm, for 3 mm Mini Stem	2	
02.25.03	Mini Stem Drill Guide Left Arm, for 3 mm Mini Stem	3	
02.25.11	Mini Connecting Screw Arm to Base, for 3 mm Mini Stem		
02.25.00	Mini Connecting Screw Stem to Arm, for 3 mm Mini Stem		
02.25.04	Mini Alignment Pin, for 3 mm Mini Stem	4	
06.10.01	Drill Bit $\varnothing$ 1.1 mm, L 85/60 mm	5	Drill Bit & Stop
06.15.01	Drill Stop $\varnothing$ 1.1 mm	6	
02.24.12	Mini Drill Bit $\varnothing$ 2 mm, for 3 mm Mini Stem	7	
02.25.06	Mini Drill Stop $\varnothing$ 2 mm, for 3 mm Mini Stem	8	
02.25.05	Mini Drill Sleeve $\varnothing$ 2 mm, for 3 mm Mini Stem	9	Drill Sleeve
02.25.07	Mini Drill Sleeve $\varnothing$ 1.1 mm, for 3 mm Mini Stem	10	
02.82.12	Mini Trial Stem 3 mm (XS)	11	Trial Implant
02.82.20	Mini Trial Stem 3mm (XS Narrow)		
02.83.12	Mini Trial Head-Neck S3H6 <sup>1</sup>		
02.83.16	Mini Trial Head-Neck S3H8 <sup>1</sup>		
02.82.02	Mini Handle for Mini Trial Stem 3 mm, w/ Screw <sup>1</sup>		
88.10.04	Screwdriver T4 Stainless	12	Screwdriver
88.10.06	Screwdriver T6 Stainless		
36.41.01	Hexagon Key Wrench 1.27 mm, (Industrial)	13	Various
36.41.02	Hexagon Key Wrench 2 mm, (Industrial)		
82.30.11	KSS Tray Mini THR Size 3 (29.5 mm)	14	Organization
82.10.01	KSS Lid for Tray / for Instruments		

<sup>1</sup> Not included in the tray on the image

**THR Instrument Tray Size 4**

Item #	Product	
02.24.01	Mini Stem Drill Guide Base, for 4 mm Mini Stem	<b>Drill Guide</b>
02.24.02	Mini Stem Drill Guide Right Arm, for 4 mm Mini Stem	
02.24.03	Mini Stem Drill Guide Left Arm, for 4 mm Mini Stem	
02.24.11	Mini Connecting Screw Arm to Base, for 4 mm Mini Stem	
02.24.00	Mini Connecting Screw Stem to Arm, for 4 mm Mini Stem	
02.24.04	Mini Alignment Pin, for 4 mm Mini Stem	
38.10.150	Drill Bit ø1.5 mm, L 110/85 mm	<b>Drill Bit &amp; Stop</b>
06.15.02	Drill Stop ø1.5 mm	
02.23.12	Mini Drill Bit ø2.7 mm, 4 & 5 mm Mini Stem	
02.23.06	Mini Drill Stop ø2.7 mm, 5 mm Mini Stem	
02.24.07	Mini Drill Sleeve ø1.5 mm, 4 mm Mini Stem	<b>Drill Sleeve</b>
02.24.05	Mini Drill Sleeve ø2.7 mm, 4 mm Mini Stem	
02.82.13	Mini Trial Stem 4 mm (S)	<b>Trial Implant</b>
02.82.19	Mini Trial Stem 4 mm (S) - Narrow	
02.83.17	Mini Trial Head-Neck S4H6	
02.83.13	Mini Trial Head-Neck S4H8	
02.83.18	Mini Trial Head-Neck S4H10	
02.82.03	Mini Handle 4 for Trial Stems, w/ Screw	
88.10.06	Screwdriver T6 Stainless	<b>Screwdriver</b>
88.10.07	Screwdriver T7 Stainless	
88.10.08	Screwdriver T8 Stainless	
88.10.10	Screwdriver T10 Stainless	
36.41.01	Hexagon key wrench 1.27 mm (Industrial)	<b>Various</b>
82.30.12	KSS Tray Mini THR Size 4 (29.5 mm)	<b>Organization</b>
82.10.01	KSS Lid for Tray / for Instruments	

**THR Instrument Tray Size 5**

Item #	Product	
02.23.01	Mini Stem Drill Guide Base, for 5 mm Mini Stem	<b>Drill Guide</b>
02.23.02	Mini Stem Drill Guide Right Arm, for 5 mm Mini Stem	
02.23.03	Mini Stem Drill Guide Left Arm, for 5 mm Mini Stem	
02.23.11	Mini Connecting Screw Arm to Base, for 5 mm Mini Stem	
02.23.00	Mini Connecting Screw Stem to Arm, for 5 mm Mini Stem	
02.23.04	Mini Alignment Pin, for 5 mm Mini Stem	
38.10.150	Drill Bit ø1.5 mm, L 110/85 mm	<b>Drill Bit &amp; Stop</b>
06.15.02	Drill Stop ø1.5 mm	
02.23.12	Mini Drill Bit ø2.7 mm, for 4 & 5 mm Mini Stem	
02.23.06	Mini Drill Stop ø2.7 mm, for 5 mm Mini Stem	
02.23.07	Mini Drill Sleeve ø1.5 mm, for 5 mm Mini Stem	<b>Drill Sleeve</b>
02.23.05	Mini Drill Sleeve ø2.7 mm, for 5 mm Mini Stem	
02.82.14	Mini Trial Stem 5 mm (M)	<b>Trial Implant</b>
02.82.21	Mini Trial Stem 5 mm (M Narrow)	
02.83.19	Mini Trial Head-Neck S5H8	
02.83.14	Mini Trial Head-Neck S5H10	
02.83.20	Mini Trial Head-Neck S5H12	
02.82.04	Mini Handle 5 for Trial Stems, w/ Screw	
88.10.06	Screwdriver T6 Stainless	<b>Screwdriver</b>
88.10.07	Screwdriver T7 Stainless	
88.10.10	Screwdriver T10 Stainless	
36.41.01	Hexagon Key Wrench 1.27 mm (Industrial)	<b>Various</b>
82.30.13	KSS Tray Mini THR Size 5 (29.5 mm)	<b>Organization</b>
82.10.01	KSS Lid for Tray / for Instruments	

**THR Instrument Tray Size 6**

Item #	Product	
02.22.01	Mini Stem Drill Guide Base, for 6 mm Mini Stem	<b>Drill Guide</b>
02.22.12	Mini Stem Drill Guide Right Arm, for 6 mm Mini Stem	
02.22.13	Mini Stem Drill Guide Left Arm, for 6 mm Mini Stem	
02.22.08	Mini Connecting Screw Arm to Base, for 6 mm Mini Stem	
02.22.00	Mini Connecting Screw Stem to Arm, for 6 mm Mini Stem	
02.22.04	Mini Alignment Pin, for 6 mm Mini Stem	
38.10.200	Drill Bit ø2.0 mm, L145/120 mm	<b>Drill Bit &amp; Stop</b>
06.15.04	Drill Stop ø2.0 mm	
02.22.14	Mini Drill Bit ø3.2 mm, for 6 mm Mini Stem	
02.22.06	Mini Drill Stop ø3.2 mm, for 6 mm Mini Stem	
02.22.07	Mini Drill Sleeve ø2 mm, for 6 mm Mini Stem for Medial Cortex Drilling	<b>Drill Sleeve</b>
02.22.05	Mini Drill Sleeve ø3.2 mm, for 6 mm Mini Stem for Lateral Cortex Drilling	
02.82.17	Mini Trial Stem 6 mm (L)	<b>Trial Implant</b>
02.82.18	Mini Trial Stem 6 mm (XL)	
02.83.15	Mini Trial Head-Neck S6H12	
02.83.21	Mini Trial Head-Neck S6H16	
02.82.07	Mini Handle 6 for Trial Stems, w/ Screw	
88.10.08	Screwdriver T8 Stainless	<b>Screwdriver</b>
88.10.10	Screwdriver T10 Stainless	
36.41.02	Hexagon Key Wrench 2 mm (Industrial)	<b>Various</b>
82.30.14	KSS Tray Mini THR Size 6 (29.5 mm)	<b>Organization</b>
82.10.01	KSS Lid for Tray / for Instruments	

**Miscellaneous Items for THR**

Item #	Product
02.20.09	Screwdriver 2.5 / 8 mm Stem Hex
02.30.24	Hattspoon / 12x18 mm Scoop Bone Curette
02.40.04	Tray Separators / Set of Four
02.81.18	Mini Trial Cup 18.2 / Sphere
02.81.20	Mini Trial Cup 20.2 / Sphere
06.50.00	Mini Depth Gauge ø1.0 to ø1.6 mm (X-Small)
06.50.02	Depth Gauge ø1.5 to ø3.0 mm (Medium)
32.32.00	Mini Reamer Shaft

# Tibial Tuberosity Advancement

## The Original

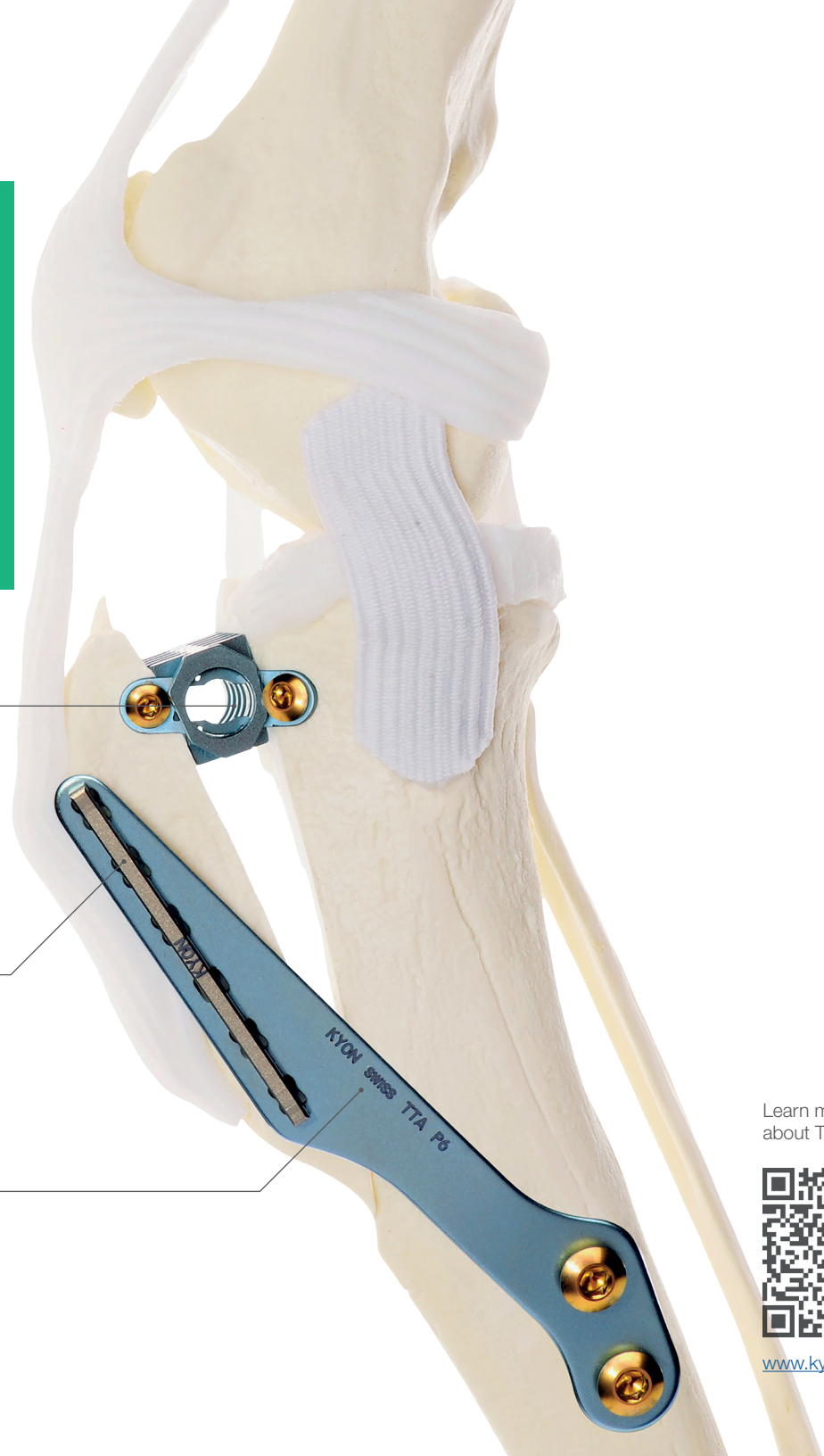
The TTA implants and instruments were researched and developed by KYON in early 2004. After the initial commercialization, TTA was quickly accepted as a less invasive procedure compared to other geometry-modifying solutions for cranial cruciate deficiencies for canine and feline patients.

## Reduced Risk of Infection

Titanium alloys are designed to provide a reduced risk of infection. Titanium has the highest strength-to-weight ratio and superb biocompatibility making it the optimal material for our smallest patients.

## Optimal Fit

Select from more than 30 different cage sizes and a variety of plate shapes to perfectly fit the anatomy from toy to giant breeds.

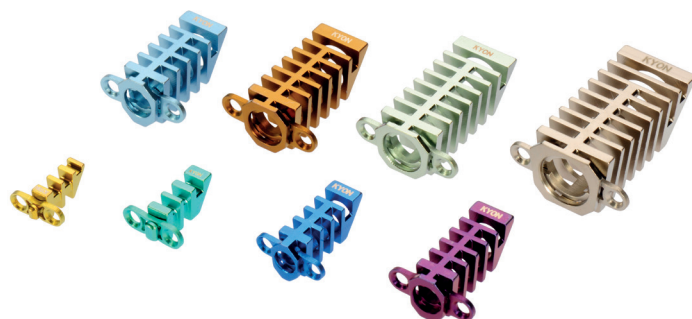


Learn more  
about TTA:



[www.kyon.ch/ta](http://www.kyon.ch/ta)

## Cages



Item #	Width / Length	
03.15.31	Mini Cage 3 mm / 6.5 mm	<b>Cage Size 3 (Mini)</b> • Different Lengths • Titanium Alloy • With Flange
03.15.32	Mini Cage 3 mm / 8 mm	
03.15.33	Mini Cage 3 mm / 9.5 mm	
03.10.00	Cage 3 mm / 10 mm	<b>Cage Size 3</b> • Different Lengths • Titanium Alloy • With Flange
03.10.01	Cage 3 mm / 13 mm	
03.10.02	Cage 3 mm / 16 mm	
03.10.03	Cage 3 mm / 19 mm	
03.15.42	Mini Cage 3.75 mm / 8 mm	<b>Cage Size 3.75 (Mini)</b> • Different Lengths • Titanium Alloy • With Flange
03.15.43	Mini Cage 3.75 mm / 9.5 mm	
03.15.44	Mini Cage 3.75 mm / 11 mm	
03.15.53	Mini Cage 4.5 mm / 9.5 mm	<b>Cage Size 4.5 (Mini)</b> • Different Lengths • Titanium Alloy • With Flange
03.15.54	Mini Cage 4.5 mm / 11 mm	
03.15.55	Mini Cage 4.5 mm / 12.5 mm	
03.10.05	Cage 4.5 mm / 10 mm	<b>Cage Size 4.5</b> • Different Lengths • Titanium Alloy • With Flange
03.10.06	Cage 4.5 mm / 13 mm	
03.10.07	Cage 4.5 mm / 16 mm	

### Supplement Set Color Guide

- Mini TTA Cages require two 1.0 mm Cortical Screws
- TTA Cages require two 2.4 mm Cortical Screws

03.10.10	Cage 6 mm / 13 mm	<b>Cage Size 6</b> • Different Lengths • Titanium Alloy • With Flange
03.10.11	Cage 6 mm / 16 mm	
03.10.12	Cage 6 mm / 19 mm	
03.10.13	Cage 6 mm / 22 mm	
03.10.15	Cage 7.5 mm / 16 mm	<b>Cage Size 7.5</b> • Different Lengths • Titanium Alloy • With Flange
03.10.16	Cage 7.5 mm / 19 mm	
03.10.17	Cage 7.5 mm / 22 mm	
03.10.20	Cage 9 mm / 16 mm	<b>Cage Size 9</b> • Different Lengths • Titanium Alloy • With Flange
03.10.21	Cage 9 mm / 19 mm	
03.10.22	Cage 9 mm / 22 mm	
03.10.23	Cage 9 mm / 25 mm	
03.10.25	Cage 10.5 mm / 19 mm	<b>Cage Size 10.5</b> • Different Lengths • Titanium Alloy • With Flange
03.10.26	Cage 10.5 mm / 22 mm	
03.10.27	Cage 10.5 mm / 25 mm	
03.10.30	Cage 12 mm / 19 mm	<b>Cage Size 12</b> • Different Lengths • Titanium Alloy • With Flange
03.10.31	Cage 12 mm / 22 mm	
03.10.32	Cage 12 mm / 25 mm	
03.10.33	Cage 12 mm / 28 mm	
03.10.36	Cage 13.5 mm / 22 mm	<b>Cage Size 13.5</b> • Different Lengths • Titanium Alloy • With Flange
03.10.37	Cage 13.5 mm / 25 mm	
03.10.38	Cage 13.5 mm / 28 mm	
03.10.41	Cage 15 mm / 25 mm	<b>Cage Size 15</b> • Different Lengths • Titanium Alloy • With Flange
03.10.42	Cage 15 mm / 28 mm	
03.10.43	Cage 15 mm / 31 mm	

## Cages

### Cage Spacers



Item #	Size	
03.16.01	Mini Spacer / 1 mm	<b>Cage Spacer (Mini)</b> • For Alignment of the Construct
03.16.02	Mini Spacer / 2 mm	
03.16.03	Mini Spacer / 3 mm	
03.11.02	Spacer / 2 mm	<b>Cage Spacer</b> • For Alignment of the Construct
03.11.04	Spacer / 4 mm	
03.11.06	Spacer / 6 mm	

### Cage Screws



Item #	Screw Length	
05.06.05 - 05.06.12	5 mm - 12 mm (1.0 mm Increments)	<b>ø1.0 mm Cortical Screw</b> • Titanium Alloy • Self-Tapping • T4 Recess
05.26.08- 05.26.40	8 mm - 40 mm (2.0 mm Increments)	<b>ø2.4 mm Cortical Screw</b> • Titanium Alloy • Self-Tapping • T10 Recess

See page 70-81 for a complete list of available screws.

#### Supplement Set Color Guide

- Mini TTA Cages require 1.0 mm Cortical Screws
- TTA Cages require 2.4 mm Cortical Screws

## Plates

### Plates



Item #	Proximal Holes	
03.25.03	Mini Plate / 3-Holes	<b>Plates (Mini)</b> • Titanium
03.25.04	Mini Plate / 4-Holes	
03.26.03	Mini Plate / 3-Holes Long	<b>Long Plates (Mini)</b> • Titanium
03.26.04	Mini Plate / 4-Holes Long	
03.27.03	Mini Plate / 3-Holes X-Long	
03.20.02	Plate / 2-Holes (takes 2.4mm cortical screws)	<b>Plates</b> • Titanium
03.20.03	Plate / 3-Holes	
03.20.04	Plate / 4-Holes	
03.20.05	Plate / 5-Holes	
03.20.06	Plate / 6-Holes	
03.20.07	Plate / 7-Holes	
03.20.08	Plate / 8-Holes	
03.21.03	Plate / 3-Holes Long	
03.21.04	Plate / 4-Holes Long	
03.21.05	Plate / 5-Holes, Long	
03.21.06	Plate / 6-Holes, Long	
03.21.07	Plate / 7-Holes, Long	
03.21.08	Plate / 8-Holes, Long	

#### Supplement Set Color Guide

- Mini TTA Plates require 2.0 mm Cortical Screws
- TTA Plates require 2.7 mm Cortical Screws
- TTA Plates require 3.5 mm Cortical Screws

### Plate Screws



Item #	Screw Length	
41.20.08-41.20.30	8 mm - 30 mm (2.0 mm Increments)	<b>ø2.0 mm Cortical Screw</b> • Titanium Alloy • Self-Tapping • T8 Recess
05.36.12-05.36.34	12 mm - 34 mm (2.0 mm Increments)	<b>ø2.7 mm Cortical Screw</b> • Titanium Alloy • Self-Tapping • T10 Recess
05.46.14-05.46.40	14 mm - 40 mm (2.0 mm Increments)	<b>ø3.5 mm Cortical Screw</b> • Titanium Alloy • Self-Tapping • T10 Recess

See page 70-81 for a complete list of available screws.

### Forks



Item #	Size	
03.35.03	Mini Fork / 3-Prong	<b>Fork (Mini)</b> • Titanium Alloy
03.35.04	Mini Fork / 4-Prong	
03.30.02	Fork / 2-Prong	<b>Fork</b> • Titanium Alloy
03.30.03	Fork / 3-Prong	
03.30.04	Fork / 4-Prong	
03.30.05	Fork / 5-Prong	
03.30.06	Fork / 6-Prong	
03.30.07	Fork / 7-Prong	
03.30.08	Fork / 8-Prong	

JOINT MANAGEMENT | Tibial Tuberosity Advancement  
**Instruments & Organization**



Item #	Product		
06.60.03	Screwdriver Insert T4	Screwdriver	
06.60.07	Screwdriver Insert T8		
06.60.00	Mini Screwdriver Handle (X-Small)		
02.20.20	Screwdriver Insert T10		1
14.60.01	Screwdriver Handle (Small)	2	
06.10.00	Drill Bit $\phi$ 0.7 mm / L 85/60 mm	Drill Bit & Drill Stop	
38.10.150	Drill Bit $\phi$ 1.5 mm / L 110/85 mm		
06.10.03	Drill Bit $\phi$ 1.8 mm / L 125/100 mm		3
04.20.03	Drill Bit $\phi$ 2.0 mm / L 102/75 mm		
02.20.04	Drill Bit $\phi$ 2.5 mm / L 145/120 mm		
06.15.02	Drill Stop $\phi$ 1.5 mm		
06.15.03	Drill Stop $\phi$ 1.8 mm		
06.15.04	Drill Stop $\phi$ 2.0 mm		
02.20.13	Drill Stop $\phi$ 2.5 mm		
04.21.12	Mini Drill Sleeve / $\phi$ 0.7/1.5 mm Neutral	4	Drill sleeve
04.20.12	Drill Sleeve / $\phi$ 2.0/2.5 mm Neutral		
04.20.18	Drill Sleeve $\phi$ 1.8 mm / for Cages	5	
04.11.01	Mini Drill Guide / 4 Hole for Mini Forks	Drill Guide	
04.11.05	Mini Pins $\phi$ 1.5 mm / Set of Two, for Drill Guide		
04.10.01	Drill Guide / 8 Hole for Forks		6
04.10.06	Drill Guide / 4 Hole for Forks		7
04.10.05	Pins $\phi$ 1.9 mm / Set of Two, for Drill Guide		8

**Supplement Set Color Guide**

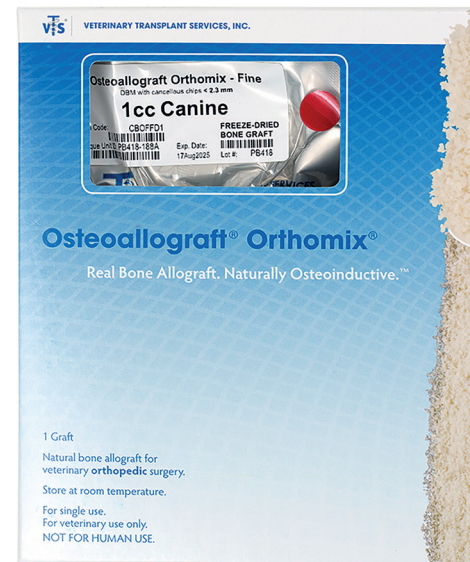
- Mini TTA specific instruments
- Standard TTA specific instruments

## Instruments & Organization

Item #	Product			
04.50.06	Spreader 6 mm	9	Spreader	
04.50.07	Spreader 7.5 mm			
04.50.09	Spreader 9 mm			
04.50.10	Spreader 10.5 mm			
04.50.12	Spreader 12 mm			
04.50.13	Spreader 13.5 mm			
04.50.15	Spreader 15 mm			
04.10.14	T-Handle / Plate Bender, w/o Spreaders	10		
04.10.04	T-Handle w spreaders Set / 8 pc.			
06.50.00	Mini Depth Gauge ø1.0 to ø1.6 mm (X-Small)		Various	
04.20.05	Depth Gauge ø2.7 to ø4.0 mm (Large)			
06.50.02	Depth Gauge ø1.5 to ø3.0 mm (Medium)	11		
04.30.01	Hammer / 100 g			
06.60.11	Screw Retaining Sleeve			
06.60.06	Screw Forceps	12		
30.10.40	Fine Touch Forceps / L 175 mm TTA			
30.10.15	Fine Touch Forceps / L 175 mm Medium Claw	13		
04.10.02	Fork Inserter	14		
04.10.03	Plate Bender			
04.40.02	Implant Tray / w/ Inserts			Organization
04.41.02	Implant Tray Extended Selection, w/ Cover			
80.02.04	Tray Separator / Set of Two			
SAH.K61973	Vet Spectrum EverGreen Narrow Sterilization Container Lid, Blue			
SAH.K61970	Vet Spectrum EverGreen Narrow Sterilization Container Lid, Grey			
SAH.K61965	Vet Spectrum EverGreen Narrow Sterilization Container Base (Non-Perforated), X-Short, 315 x 132 x 32 mm			
SAH.K61966	Vet Spectrum EverGreen Narrow Sterilization Container Base (Non-Perforated), Short, 315 x 132 x 63 mm			
SAH.K2520	Vet Spectrum EverGreen Narrow Sterilization Container Silicone Mat (275x125mm)			
SAH.K2744	Vet Spectrum EverGreen Narrow Teflon Reusable Filter (2000 Sterilization Cycles), 215 x 100 mm			

### Supplement Set Color Guide

- Mini TTA specific instruments
- Standard TTA specific instruments



# TTA-2

## TTA-2b

### The Original - Refined

The TTA-2 system consists of fewer implant parts, which reduces the capital and carrying costs. A more economical solution.

### Less Invasive

TTA-2 is less invasive than the original TTA. It requires less implant parts, less holes in the tibia and thanks to the staple, the periosteum is preserved.

### Superb Biocompatibility

Titanium is known for its biocompatibility and thereby reduces the risk of an infection.



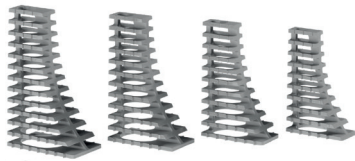
Learn more  
about TTA-2:



[www.kyon.ch/tta-2](http://www.kyon.ch/tta-2)

## Cages

### TTA-2 Cages



Item #	Width / Length	
03.80.11	3 mm / 12 mm	TTA-2 Cage • Titanium Alloy • Biocer® Coating
03.80.21	4 mm / 14 mm	
03.80.31	6 mm / 16 mm w/ Staple 15.8 mm	
03.80.41	7.5 mm / 18 mm w/ Staple 17.6 mm	
03.80.51	9 mm / 20 mm w/ Staple 20.8 mm	
03.80.61	10.5 mm / 22 mm w/ Staple 23.3 mm	
03.80.71	12 mm / 24 mm w/ Staple 25.8 mm	
03.80.81	13.5 mm / 26 mm w/ Staple 28.3 mm	
03.80.91	15 mm / 28 mm w/ Staple 28.3 mm	

### TTA-2 Staple



Item #	Length	
03.90.41	15.8 mm for Cage 6/16	TTA-2/-2b Staple • Titanium Alloy
03.90.51	17.6 mm for Cage 7.5/18	
03.90.61	20.8 mm for Cage 9/20	
03.90.71	23.3 mm for Cage 10.5/22	
03.90.81	25.8 mm for Cage 12/24	
03.90.91	28.3 mm for Cage 13.5/26 and 15/28	

### TTA-2b Cages



Item #	Width / Length	
03.81.31	6 mm / 22 mm	TTA-2b Cage • Titanium Alloy • Cuttable
03.81.51	9 mm / 25 mm	
03.81.71	12 mm / 28 mm	

#### Supplement Set Color Guide

- TTA-2/-2b Cage requiring Staple
- TTA-2/-2b Cage requiring no Staple

## Instruments & Organization



### Supplement Set Color Guide

- TTA-2 Specific Instruments
- TTA-2b Specific Instruments

Item #	Description		
14.60.01	Screwdriver Handle (Small)	Screwdriver	
04.20.07	Screwdriver Insert ø2.5 mm (Hex)		
04.20.03	Drill Bit ø2.0 mm / L 102/75 mm	Drilling	
06.15.04	Drill Stop ø2.0 mm		
04.90.02	TTA-2 Drill Guide for Staples with Pin		1
04.60.21	Sawguide Set (Small) - Cages Size 3-6	Sawguide (Small)	
04.60.33	Clamp (Small)		
04.60.34	Screw (Small)		
04.60.11	Pin Distal 3.5 mm (Small)		
04.60.12	Pin Distal 4.0 mm (Small)		
04.60.25	Pin Proximal (31 mm)		
04.60.26	Pin Proximal (36.5 mm)		
04.60.22	Sawguide Set (Large) - Cages Size 7.5-15	2	Sawguide (Large)
04.60.03	Clamp (Large)		
04.60.04	Screw (Large)		
04.60.13	Pin Distal 4.5 mm (Large)		
04.60.14	Pin Distal 5.0 mm (Large)		
04.60.15	Pin Distal 5.5 mm (Large)	3	
04.60.27	Pin Proximal (42 mm)		
04.60.28	Pin Proximal (52 mm)	4	
04.70.01	Cage Cutter / Shearing Handle	5	Cage Cutter
04.71.06	Cage Holder for TTA-2b Cages 6 & 7.5		
04.71.09	Cage Holder for TTA-2b Cages 9 & 10.5		
04.71.12	Cage Holder for TTA-2b Cages 12 & 13.5	6	
30.10.45	Fine Touch Forceps / Spreader (Cages Size 7.5-15)	7	Various
30.10.40	Fine Touch Forceps / TTA	8	
30.10.15	Fine Touch Forceps / Medium Claw	9	
04.20.05	Depth Gauge ø2.7 to ø4.0 mm (Large)		
04.30.01	Hammer / 100 g	10	
82.30.01	KSS Tray / 29.5 mm General Purpose		Organization
82.10.01	KSS Lid for Tray for Instruments		
SAH.K2520	Vet Spectrum EverGreen Narrow Sterilization Container Silicone Mat (275x125mm)		
SAH.K61966	Vet Spectrum Ever Green Narrow Sterilization Container Base (Non-Perforated), Short		
SAH.K61970	Vet Spectrum EverGreen Narrow Sterilization Container Lid, Grey		
SAH.K2744	Vet Spectrum EverGreen Narrow Teflon Reusable Filter (2000 sterilization cycles), 215 x 100 mm		

## Instruments & Organization – Fine Touch Locking



Item #	Description	
30.10.33	Large - max span 70 mm, L 185 mm	<b>Targeting Forceps</b>
30.11.33	Hinge	
30.12.01	ø1.25 mm Sleeve; L 55 mm	
30.12.02	ø1.6 mm Sleeve; L 55 mm	
30.12.03	ø2.0 mm Sleeve; L 55 mm	
30.10.02	Medium; Curved - Span 43 mm, L159 mm	<b>Point-to-Point Forceps</b>
30.10.03	Large; Curved - Span 60 mm, L 176 mm	
30.10.12	Medium; Straight - Span 40 mm, L 159 mm	
30.10.13	Large; Straight - Span 60 mm, L 176 mm	
30.10.04	Small - Max Span 20 mm, L 113 mm	<b>Claw Bone-to-Plate Forceps</b>
30.10.14	Short - Max Span 40 mm, L 159 mm	
30.10.20	Plier Forceps - Max Span 20 mm, L 139	<b>Plier Forceps</b>

### Supplement Set Color Guide

- TTA-2 Specific Instruments
- TTA-2b Specific Instruments

# Patellar Groove Replacement

## The Original

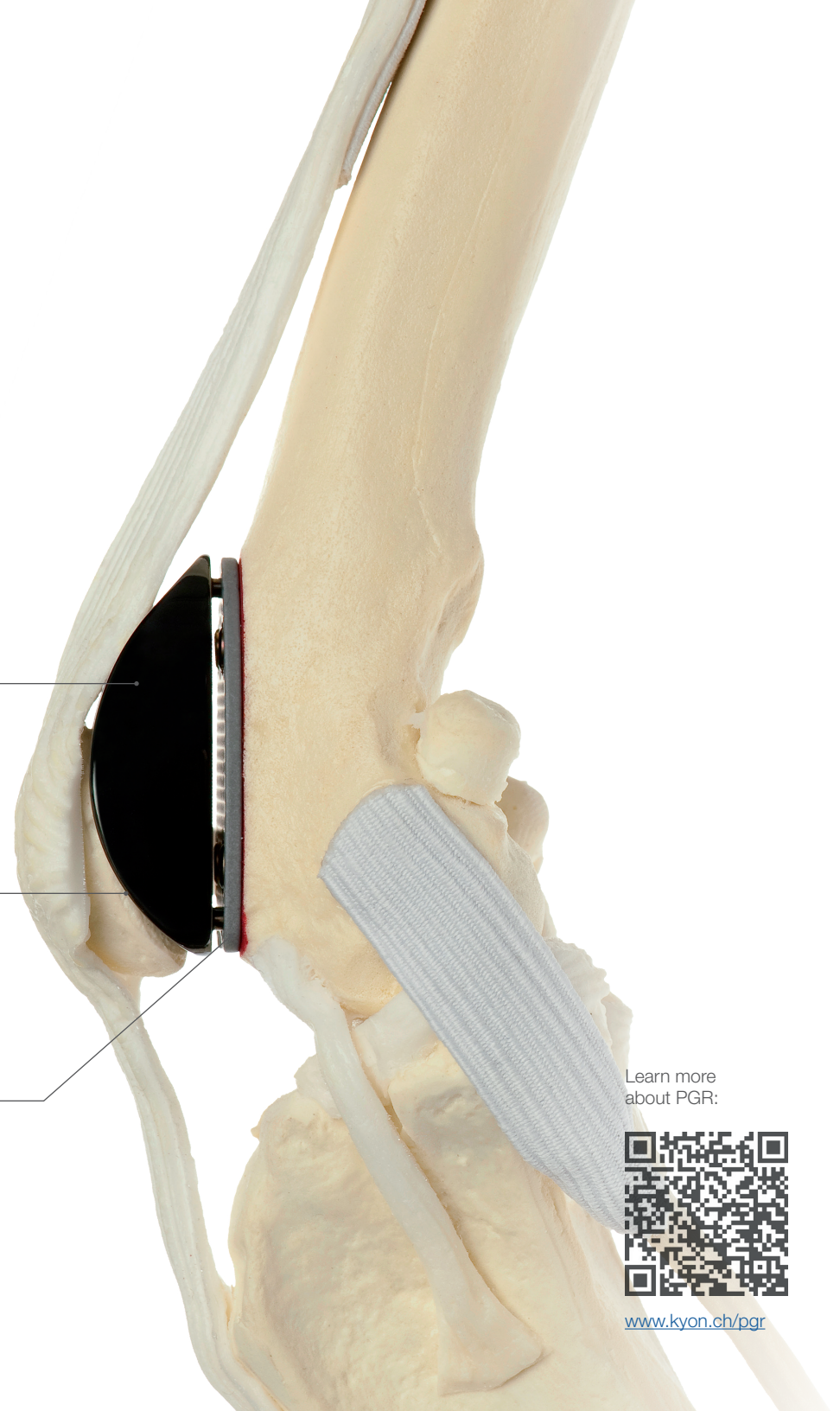
Patellar Groove Replacement (PGR) was the first device on the market to restore a functional patellar groove. Researched and developed by KYON.

## Low Friction, Low Wear & Inert

Amorphous Diamond Like Carbon (ADLC) on Titanium alloy, provides a smooth, hard, scratch resistant and biologically inert interface with a low coefficient of friction.

## Fast Osseointegration

Rapid bone ingrowth on and through the base plate facilitated by Biocer® surface treatment.

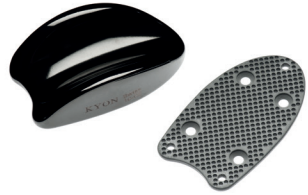


Learn more  
about PGR:



[www.kyon.ch/pgr](http://www.kyon.ch/pgr)

## Implants



Item #	Size	Product
13.10.01	Size 1	<b>Patellar Groove Prosthesis</b> <ul style="list-style-type: none"> <li>• Titanium Alloy</li> <li>• Amorphous Diamond-like Carbon (ADLC) Groove</li> <li>• Biocer® Coated Baseplate</li> <li>• Includes Baseplate and Groove</li> </ul>
13.10.015	Size 1.5	
13.10.02	Size 2	
13.10.025	Size 2.5	
13.10.03	Size 3	
13.10.04	Size 4	
13.10.05	Size 5	
13.10.06	Size 6	
13.10.07	Size 7	
13.10.08	Size 8	
13.10.09	Size 9	
13.10.10	Size 10	



Item #	Size	Product
14.10.01	Trial / 1	<b>Trial Prosthesis</b> <ul style="list-style-type: none"> <li>• Titanium Alloy</li> </ul>
14.10.015	Trial / 1.5	
14.10.02	Trial / 2	
14.10.025	Trial / 2.5	
14.10.03	Trial / 3	
14.10.04	Trial / 4	
14.10.05	Trial / 5	
14.10.06	Trial / 6	
14.10.07	Trial / 7	
14.10.08	Trial / 8	
14.10.09	Trial / 9	
14.10.10	Trial / 10	

## Screws



Item #	Size	Product
05.16.05-05.16.30	5 mm - 30mm	<b>ø1.5 mm Cortical Screw</b> <ul style="list-style-type: none"> <li>• Titanium Alloy</li> <li>• Self-Tapping</li> <li>• T6 Recess</li> </ul>
05.26.08-05.26.40	8 mm - 40 mm	<b>ø2.4 mm Cortical Screw</b> <ul style="list-style-type: none"> <li>• Titanium Alloy</li> <li>• Self-Tapping</li> <li>• T10 Recess</li> </ul>

See page 70-81 for a complete list of available screws.

### Supplement Set Color Guide

- Prosthesis requires ø1.5 mm Cortical Screws
- Prosthesis requires ø2.4 mm Cortical Screws

## Instruments & Organization



Item #	Product		
06.10.01	Drill Bit $\phi$ 1.1 mm / L 85/60 mm	1	Drill Bit & Drill Sleeve
06.10.03	Drill Bit $\phi$ 1.8 mm / L 125/100 mm	2	
14.20.01	Drill Sleeve / $\phi$ 1.1/1.8 mm	3	
06.60.04	Screwdriver Insert T6	4	Screwdriver
02.20.20	Screwdriver insert T10	5	
14.60.01	Screwdriver Handle (Small)	6	
06.60.11	Screw Retaining Sleeve	7	
06.50.02	Depth Gauge $\phi$ 1.5 to $\phi$ 3.0mm (Medium)	8	Various
06.60.06	Screw Forceps		
82.30.16	KSS Tray 29.5 mm PGR tray		Organization
82.10.01	KSS Lid for Tray for instruments		
SAH.K61966	Vet Spectrum EverGreen Narrow Sterilization Container Base (Non-Perforated), Short, 315 x 132 x 63 mm		
SAH.K2744	Vet Spectrum EverGreen Narrow Teflon Reusable Filter (2000 Sterilization Cycles), 215 x 100 mm		
SAH.K61977	Vet Spectrum EverGreen Narrow Sterilization Container Lid, Bronze		



# Proximal Interphalangeal Arthrodesis

## Designed to Withstand Equine Forces

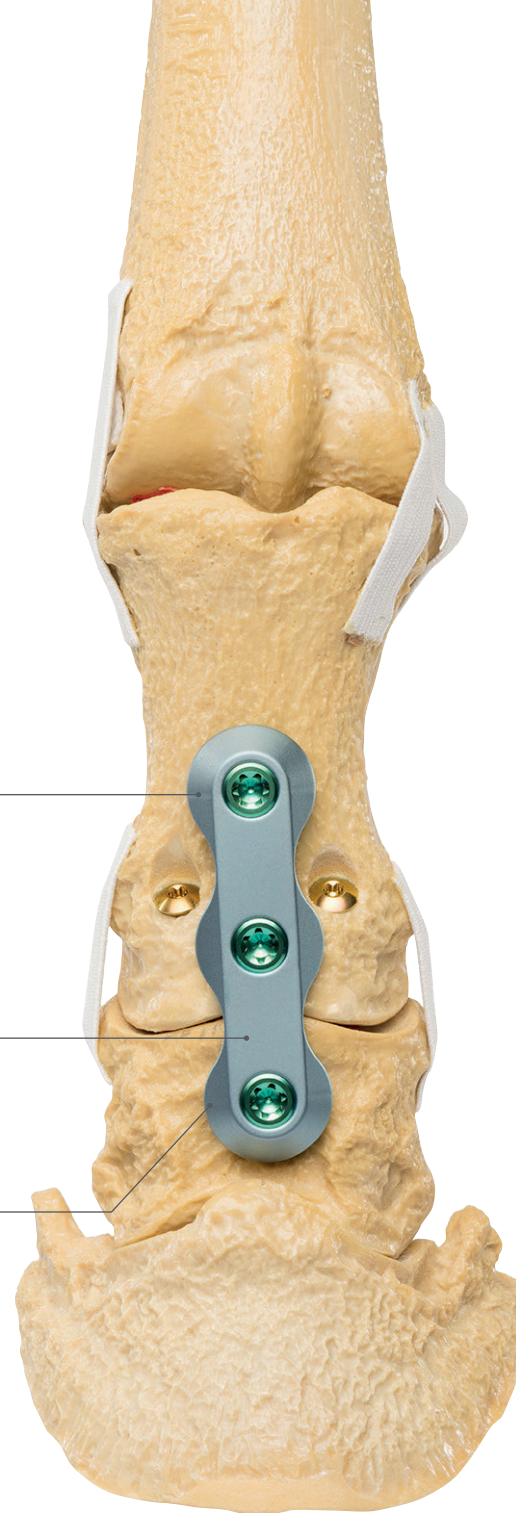
The ALPS PIP plate is designed for the arthrodesis of the equine proximal interphalangeal joint. It accommodates B-locking screws, as well as conventional cortical screws in compression and angulation.

## Reduced Risk of Infection

All components are manufactured from titanium alloy, which is biocompatible, designed to reduce the risk of infection.

## Preservation of Vascular Supply

All ALPS® plates are designed to minimize the contact area of the plate with the periosteum and to minimize vascular damage. This results in accelerated healing.

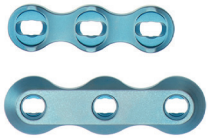


Learn more  
about PIP:



[www.kyon.ch/pip](http://www.kyon.ch/pip)

## Plates



Item #	Size	Width / Length	Holes	Screw Compatibility	
05.70.03	Size 16	16 mm / 56 mm	3 holes	<ul style="list-style-type: none"> <li>• ø6.4 mm B-Locking Screw (Locking)</li> <li>• ø4.5 mm Cortical Screw (Angulation)</li> </ul>	<b>ALPS® PIP Plate</b> <ul style="list-style-type: none"> <li>• Titanium Alloy</li> <li>• ALPS Technology</li> </ul>
05.80.03	Size 20	20 mm / 68 mm	3 holes	<ul style="list-style-type: none"> <li>• ø6.4 mm B-Locking Screw (Locking)</li> <li>• ø4.5 mm Cortical Screw (Angulation)</li> </ul>	

## Screws

### B-Locking Screws



Item #	Size	Product
05.55.18- 05.55.28	18 mm - 28 mm (2.0 mm increments)	<b>ø6.4 mm B-Locking Screw</b> <ul style="list-style-type: none"> <li>• Titanium Alloy</li> <li>• Self-Tapping</li> <li>• T30 Recess</li> </ul>

See page 70-81 for a complete list of available screws.

### Cortical Screws



Item #	Size	Product
05.56.18- 05.56.60	18 mm - 60 mm (2.0 mm increments)	<b>ø4.5 mm Cortical Screw</b> <ul style="list-style-type: none"> <li>• Titanium Alloy</li> <li>• Self-Tapping</li> <li>• T15 Recess</li> </ul>

See page 70-81 for a complete list of available screws.

#### Supplement Set Color Guide

- For ø6.4 mm B-Locking Screw
- For ø4.5 mm Cortical Screw

## Instruments & Organization



Item #	Size	Product
06.10.07	Drill bit ø3.2 mm / L 145/120 mm	<b>Drill Bit &amp; Drill Stop</b>
06.15.07	Drill stop ø3.2 mm	
06.10.10	Drill bit ø5.0 mm / L 110/85 mm	<b>Drill Sleeve</b>
06.15.09	Drill stop ø5.0 mm	
06.21.05	ALPS-I Drill sleeve ø3.2 mm / screw-in	<b>Screwdriver</b>
06.30.05	ALPS-I Drill sleeve ø5.0 mm / B 6.4 mm locking	
88.10.15	Screwdriver T15 Stainless	<b>Organization</b>
06.60.09	Screwdriver T30	
SAH.K2520	Vet Spectrum EverGreen Narrow Sterilization Container Silicone Mat (275x125mm)	
82.30.01	KSS Tray 29.5 mm General Purpose	
82.10.01	KSS Lid for Tray	

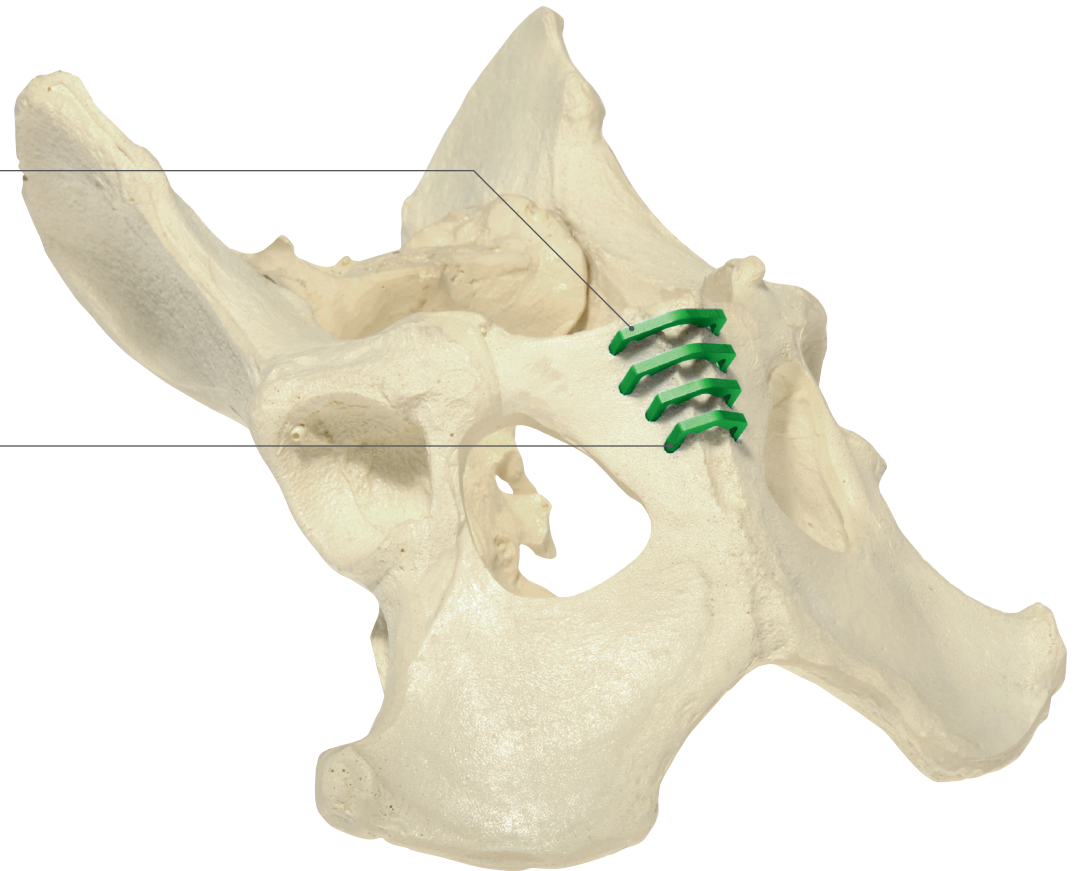
# Juvenile Pubic Symphysiodesis

## Early prevention from severe HD

Juvenile Pubic Symphysiodesis (JPS) seeks to improve the capture of the femur by the pelvis by inserting staples into the growth plate of the pubis. The procedure aims to prevent painful and mobility-limiting long-term effects of untreated canine hip dysplasia (HD).

## Biocompatibility

The implant is made from Titanium alloy and specifically designed for JPS. Titanium is highly biocompatible to reduce the risk of infection. It's an advanced solution compared to the more commonly used steel wire bent into a staple shape.



## Staples



Item #	Size	Product
27.10.08	JPS Staples / 8	<b>JPS Staples</b> • Titanium Alloy
27.10.10	JPS Staples / 10	
27.10.12	JPS Staples / 12	
27.10.14	JPS Staples / 14	
27.10.16	JPS Staples / 16	

## Instruments



Item #	Size	Product
28.10.00	JPS Drill Guide	<b>Drill Guide</b>
04.20.03	Drill bit ø2.0 mm / L 102/75 mm	<b>Various</b>
04.30.01	Hammer / 100 g	

# ALPS® Product Range

## Reduced Risk of Infection

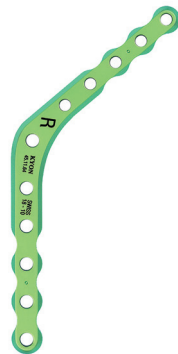
All implants of the ALPS® Product Range are made of Titanium for superior biocompatibility.



ALPS-I  
Fracture  
Plates



ALPS-II/S  
Fracture  
Plates



ALPS® FUSE  
Arthrodesis



ALPS® TPLO



ALPS® Distal  
Humerus



ALPS® PAUL-II



ALPS® AcetFx  
Acetabular  
Fracture



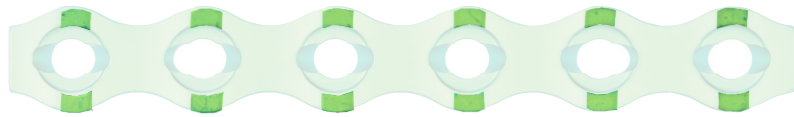
ALPS® DPO



ALPS-II  
T-Plate

### Preserves Vascular Supply

The plates of the ALPS® Product Range are designed to minimize the contact-area of the plate with the periosteum and therefore minimize vascular damage.



Footprint of ALPS-II



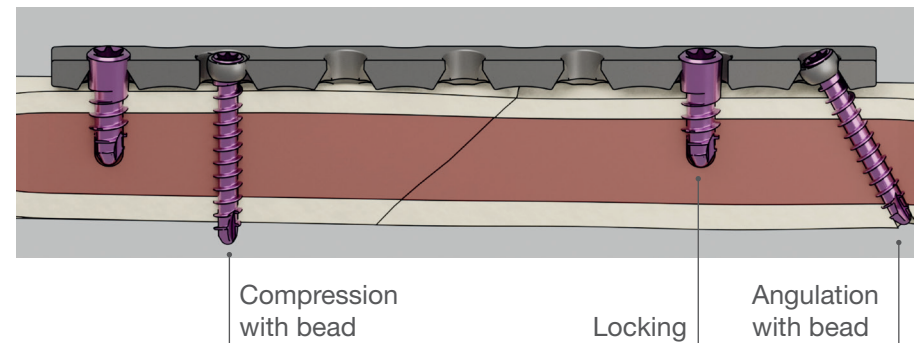
Footprint of other Fracture Plates

### KLS™ anchor the full range of plates

KYON Locking Screws (KLS™) are designed to make insertion easy, fast and safe. They feature a proprietary thread and cutting flute design. Can be used monocortically or bicortically and with a bead for angulation and compression.



KYON Locking Screw (KLS) and KLS bead



# ALPS® TPLO

## Anatomically Shaped

The shape of the ALPS® TPLO is optimized to simplify implantation and designed to perfectly fit the tibia from the smallest to the biggest patient.

## ALPS® Technology

The design of all ALPS® TPLO plates minimizes the contact between plate and bone to accelerate the healing process.

## Superior Biocompatibility

The ALPS® TPLO plates are light weight and manufactured from titanium alloy for supreme biocompatibility and strength.

## Dedicated Compression Hole

The most distal hole of the ALPS® TPLO plates can optionally be used as a compression hole if compression of the osteotomy is desired.



Learn more  
about TPLO:



[www.kyon.ch/tplo](http://www.kyon.ch/tplo)

## ALPS® TPLO Plates



Item #	Size / Holes	Implant Variant	Screw Compatibility
35.04.31 35.04.32	Size 4 / 6 Holes	Left Right	<ul style="list-style-type: none"> <li>• ø1.5 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø1.0 mm Cortical Screw<sup>2</sup></li> </ul>
35.05.31 35.05.32	Size 5 / 6 Holes	Left Right	<ul style="list-style-type: none"> <li>• ø2.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø1.5 mm Cortical Screw<sup>2</sup></li> </ul>
35.06.31 35.06.32	Size 6 / 6 Holes	Left Right	<ul style="list-style-type: none"> <li>• ø2.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø1.5 mm Cortical Screw<sup>2</sup></li> </ul>
35.07.31 35.07.32	Size 7 / 6 Holes	Left Right	<ul style="list-style-type: none"> <li>• ø3.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø2.0 mm Cortical Specialty Screw<sup>2</sup></li> </ul>
35.09.31 35.09.32	Size 9 / 6 Holes	Left Right	<ul style="list-style-type: none"> <li>• ø3.5 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø2.4 mm Cortical Screw<sup>2</sup></li> </ul>
35.10.31 35.10.32	Size 10 / 6 Holes	Left Right	<ul style="list-style-type: none"> <li>• ø4.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.0 mm Cortical Specialty Screw<sup>2</sup></li> </ul>
35.10.41 35.10.42	Size 10 / 8 Holes	Left Right	<ul style="list-style-type: none"> <li>• ø4.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.0 mm Cortical Specialty Screw<sup>2</sup></li> </ul>
35.12.41 35.12.42	Size 12 / 8 Holes	Left Right	<ul style="list-style-type: none"> <li>• ø4.5 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.5 mm Cortical Screw<sup>2</sup></li> </ul>

- ALPS® TPLO Plate**
- Titanium Alloy
  - ALPS® Technology
  - Pre-contoured
  - Distal Compression Hole

<sup>1</sup> Locking | <sup>2</sup> Compression

### KLS™ Locking Screws



Diameter

ø1.5 mm-4.5 mm	<b>KLS-Locking Screw</b> <ul style="list-style-type: none"> <li>• Titanium Alloy</li> <li>• Self-Tapping</li> </ul>
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### Cortical Screws



Diameter

ø1.0 mm-3.5 mm	<b>Cortical Screw</b> <ul style="list-style-type: none"> <li>• Titanium Alloy</li> <li>• Self-Tapping</li> <li>• For Compression</li> </ul>
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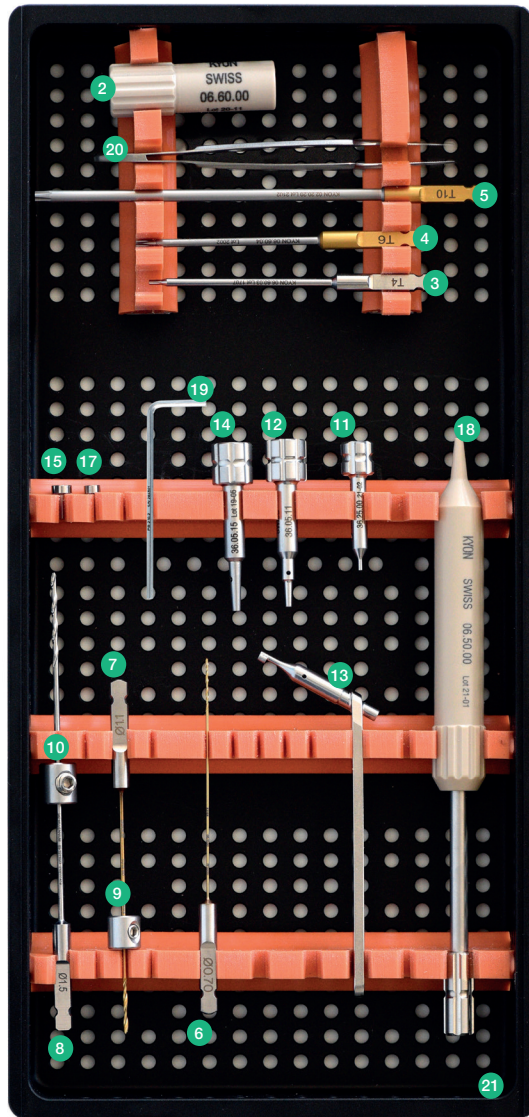
### Cortical Specialty Screws



Diameter

ø2.0 mm-3.0 mm	<b>Cortical Specialty Screw</b> <ul style="list-style-type: none"> <li>• Titanium Alloy</li> <li>• Self-Tapping</li> <li>• For Compression</li> </ul>
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JOINT MANAGEMENT | Tibial Plateau Leveling Osteotomy  
**Instruments & Organization**



**Supplement Set Color Guide**

- Size 4 Specific Instruments
- Size 5 / Size 6 Specific Instruments

**TPLO Saw**

Item #	Description		
36.70.48	KYON TPLO Saw 24 / colosseum 5 degree wedge sawblade	1	KYON TPLO Saw
36.70.42	KYON TPLO Saw 21 / colosseum 5 degree wedge sawblade		
36.70.36	KYON TPLO Saw 18 / colosseum 5 degree wedge sawblade		

**ALPS® TPLO Size 4 / Size 5 / Size 6**

Item #	Description		
06.60.00	Mini Screwdriver Handle (X-Small)	2	Screwdriver
06.60.03	Screwdriver Insert T4	3	
06.60.04	Screwdriver Insert T6	4	
02.20.20	Screwdriver Insert T10	5	
06.10.00	Drill Bit ø0.7 / 85 60 mm	6	Drill Bit & Drill Stop
06.10.01	Drill Bit ø1.1 / 85 60 mm	7	
38.10.150	Drill Bit ø1.5 / 110 85 mm	8	
06.15.01	Drill Stop ø1.1 mm	9	Drill Sleeve
06.15.02	Drill Stop ø1.5 mm	10	
36.25.00	KLS Drill Sleeve 0.7 / ø1.0 mm Compression	11	
36.05.11	KLS Drill Sleeve 1.1 / ø1.5 mm Locking	12	Jig / Temp. Fixation
36.10.11	TPLO Drill Sleeve 1.1 / ø1.5 mm Compression	13	
36.05.15	KLS Drill Sleeve 1.5 / ø2.0 mm Locking	14	
36.30.01	Jig / Small w/ 2 Sleeves		Jig / Temp. Fixation
36.30.41	Small jig extension		
36.33.11	Sleeve ø1.0 mm for Jig (Small)		
36.35.15	KLS Temporary Fixation Peg / ø1.5 mm	15	Various
36.30.02	Jig / Medium w/ 2 Sleeves	16	
36.30.42	Medium jig extension		
36.35.20	KLS Temporary Fixation Peg / ø2.0 mm	17	Various
36.33.20	Sleeve ø2.0 mm for Jig (Medium)		
76.10.60	K-wire ø1.0 mm / L 150 mm, Pack of 10		
76.10.70	K-wire ø2.0 mm / L 150 mm, Pack of 10		Organization
00062	K-wire 0.062" x 6" – pkg 6		
76.10.75	K-wire 2.5/150 Trocar/Trocar Smooth, pack of 10		
06.50.00	Mini Depth Gauge ø1.0 to ø1.6 mm (X-Small)	18	Various
36.41.02	Hexagon key wrench Ø2.0 mm (for Ø1.1 mm drill stop adjustments)	19	
40.00.01	KLS Measuring Tool		Organization
06.60.06	Screw forceps	20	
82.30.08	KSS Tray / 29.5 mm TPLO 4/5/6	21	
82.10.01	KSS Lid for Tray for Instruments		Organization
36.50.00	Surgical Fabric Wrap for Instruments		
SAH.K61966	Vet Spectrum EverGreen Narrow Sterilization Container Base (Non-Perforated), Short, 315 x 132 x 63 mm		
SAH.K61972	Vet Spectrum EverGreen Narrow Sterilization Container Lid, Green		Organization
SAH.K2744	Vet Spectrum EverGreen Narrow Teflon Reusable Filter (2000 Sterilization Cycles), 215 x 100 mm		

Item #	Description	
14.60.01	Screwdriver Handle (Small)	<b>Screwdriver</b>
06.60.07	Screwdriver Insert T8	
02.20.20	Screwdriver Insert T10	
38.10.150	Drill Bit ø1.5 mm / L 145/120 mm	<b>Drill Bit &amp; Drill Stop</b>
38.10.200	Drill Bit ø2.0 mm / L 145/120 mm	
38.10.180	Drill Bit ø1.8 mm / L 145/117 mm	
02.20.04	Drill Bit ø2.5 mm / L 145/120 mm	
06.15.04	Drill Stop ø2.0 mm	
02.20.13	Drill Stop ø2.5 mm	
36.10.15	TPLO Drill Sleeve ø1.5 mm / ø2.0 mm Compression	<b>Drill Sleeve</b>
36.05.20	KLS Drill Sleeve ø2.0 mm / ø3.0 mm Locking	
36.25.05	TPLO Drill Sleeve ø1.8 mm / ø2.4 mm Compression	
36.05.25	KLS Drill Sleeve ø2.5 mm / ø3.5 mm Locking	
36.30.02	Jig / Medium w/ 2 Sleeves	<b>Jig / Temp. Fixation</b>
36.30.02	Medium jig extension	
36.33.20	Sleeve ø2.0 mm for Jig (Medium)	
36.35.30	KLS Temporary fixation peg / Ø3.0 mm k-wire 1.2 mm	
36.30.03	Jig / Large w/ 2 Sleeves	
36.30.43	Large jig extension	
36.33.25	Sleeve ø2.5 mm for Jig (Large)	
36.35.35	KLS Temporary Fixation Peg / ø3.5 mm K-wire 1.6 mm	
76.10.70	K-wire ø2.0 mm / L 150 mm, pack of 10	
76.10.75	K-wire ø2.5 mm / L 150 mm, pack of 10	
76.11.00	K-wire ø3.0 mm / L 150 mm, pack of 10	
06.50.02	Depth Gauge ø1.5 to ø3.0 mm (Medium)	<b>Various</b>
40.00.01	KLS Measuring Tool	
06.60.06	Screw forceps	
82.30.09	KSS Tray / 29.5 mm TPLO 7/9	<b>Organization</b>
82.10.01	KSS Lid for Tray for Instruments	
36.50.00	Surgical Fabric Wrap for instruments	
SAH.K61966	Vet Spectrum EverGreen Narrow Sterilization Container Base (Non-Perforated), Short, 315 x 132 x 63 mm	
SAH.K61972	Vet Spectrum EverGreen Narrow Sterilization Container Lid, Green	
SAH.K2744	Vet Spectrum EverGreen Narrow Teflon Reusable Filter (2000 Sterilization Cycles), 215 x 100 mm	

Supplement Set Color Guide

- Size 7 Specific Instruments
- Size 9 Specific Instruments

Item #	Description	
14.60.01	Screwdriver Handle (Small)	<b>Screwdriver</b>
02.20.20	Screwdriver Insert T10	
06.60.08	Screwdriver Insert T15	
38.10.200	Drill Bit ø2.0 mm / L 145/120 mm	<b>Drill Bit &amp; Drill Stop</b>
02.20.04	Drill Bit ø2.5 mm / L 145/120 mm	
02.20.03	Drill Bit ø3.0 mm / L 145/120 mm	
06.10.11	Drill Bit ø3.5 mm / L 147/120 mm	
02.20.12	Drill Stop ø3.0 mm	
06.15.08	Drill Stop ø3.5 mm	
36.25.04	KLS Drill Sleeve ø2.0 mm / ø3.0 mm Compression	<b>Drill Sleeve</b>
36.10.40	KLS Drill Sleeve ø3.0 mm / ø4.0 mm Locking	
36.10.25	TPLO Drill Sleeve ø2.5 mm / ø3.5 mm Compression	
36.05.35	KLS Drill Sleeve ø3.5 mm / ø4.5 mm Locking	
36.30.03	Jig / Large w/ 2 Sleeves	<b>Jig / Temp. Fixation</b>
36.30.43	Large jig extension	
36.33.25	Sleeve ø2.5 mm for Jig (Large)	
36.35.40	KLS Temporary Fixation Peg / ø4.0 mm K-wire 1.6 mm	
36.35.45	KLS Temporary Fixation Peg / ø4.5 mm K-wire 1.6 mm	
76.10.75	K-wire ø2.5 mm / L 150 mm, pack of 10	
76.11.00	K-wire ø3.0 mm / L 150 mm, pack of 10	
04.20.05	Depth Gauge ø2.7 to ø4.0 mm (Large)	<b>Various</b>
40.00.01	KLS Measuring Tool	
06.60.06	Screw forceps	
82.30.07	KSS Tray / 29.5 mm TPLO 10/12	<b>Organization</b>
82.10.01	KSS Lid for Tray for Instruments	
36.50.00	Surgical Fabric Wrap for Instruments	
SAH.K61966	Vet Spectrum EverGreen Narrow Sterilization Container Base (Non-Perforated), Short, 315 x 132 x 63 mm	
SAH.K61972	Vet Spectrum EverGreen Narrow Sterilization Container Lid, Green	
SAH.K2744	Vet Spectrum EverGreen Narrow Teflon Reusable Filter (2000 Sterilization Cycles), 215 x 100 mm	

Supplement Set Color Guide

- Size 10 Specific Instruments
- Size 12 Specific Instruments

# ALPS® PAUL-II

## ALPS® Technology

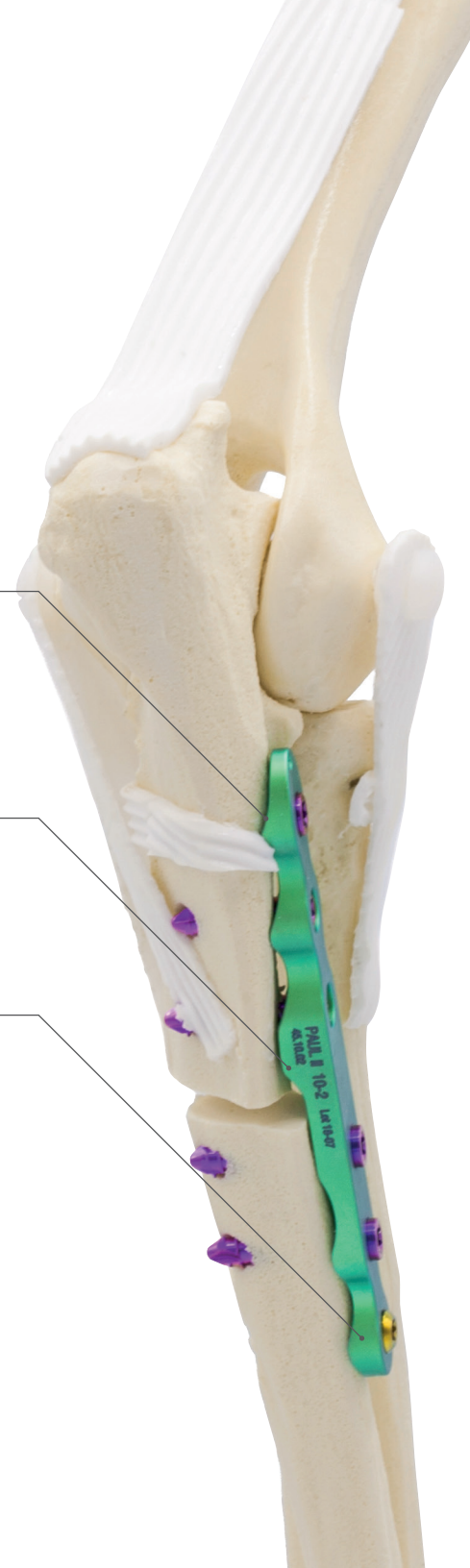
The design of all ALPS® plates minimizes the contact between plate and bone accelerating the healing process.

## Patient Specific

Four different plate sizes and two available step sizes offer a solution for a wide array of patients.

## Superior Biocompatibility

The ALPS® PAUL-II plates are manufactured from titanium alloy for supreme biocompatibility and strength.



Learn more  
about PAUL-II:



[www.kyon.ch/paul](http://www.kyon.ch/paul)

## ALPS® PAUL-II Plates



Item #	Size	Implant Variant	Screw Compatibility*	
45.08.02 45.08.03	Size 8	2 mm Step 3 mm Step	<ul style="list-style-type: none"> <li>• ø3.5 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø2.4 mm Cortical Screw</li> </ul>	<b>ALPS® PAUL-II Plate</b> <ul style="list-style-type: none"> <li>• Titanium Alloy</li> <li>• ALPS® Technology</li> <li>• Multiple sizes</li> </ul>
45.09.02 45.09.03	Size 9	2 mm Step 3 mm Step	<ul style="list-style-type: none"> <li>• ø3.5 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø2.4 mm Cortical Screw</li> </ul>	
45.10.02 45.10.03	Size 10	2 mm Step 3 mm Step	<ul style="list-style-type: none"> <li>• ø4.5 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø2.7 mm Cortical Screw</li> </ul>	
45.11.02 45.11.03	Size 11	2 mm Step 3 mm Step	<ul style="list-style-type: none"> <li>• ø4.5 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø2.7 mm Cortical Screw</li> </ul>	

\*See page 70-81 for a complete list of available screws. <sup>1</sup> Locking

### KLS™ Locking Screws



Diameter

ø3.5 mm / ø4.5 mm	<b>KLS-Locking Screw</b> <ul style="list-style-type: none"> <li>• Titanium Alloy</li> <li>• Self-Tapping</li> </ul>
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### Cortical Screws

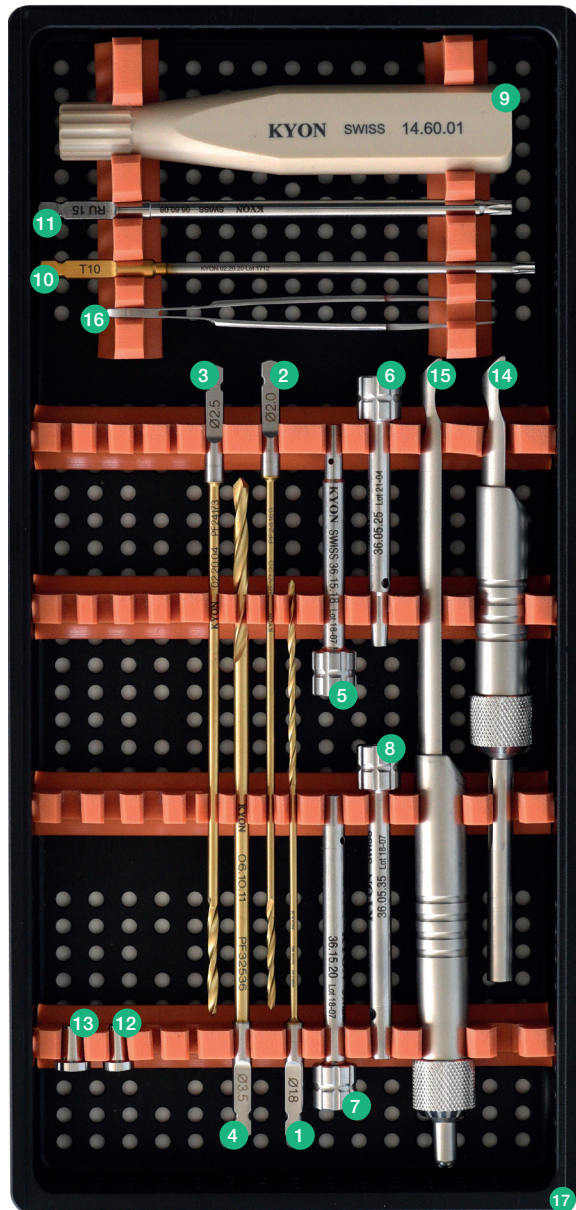


Diameter

ø2.4 mm / ø2.7 mm	<b>Cortical Screw</b> <ul style="list-style-type: none"> <li>• Titanium Alloy</li> <li>• Self-Tapping</li> </ul>
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JOINT MANAGEMENT | Proximal Abducting Ulnar Osteotomy  
**Instruments & Organization**

ALPS® PAUL-II



Item #	Description		
06.10.03	Drill Bit ø1.8 mm / L 125/100 mm	1	Drill Bit & Drill Stop
38.10.200	Drill Bit ø2.0 mm / L 145/120 mm	2	
02.20.04	Drill Bit ø2.5 mm / L 145/120 mm	3	
06.10.11	Drill Bit ø3.5 mm / L 147/120 mm	4	
06.15.03	Drill Stop ø1.8 mm		
06.15.04	Drill Stop ø2.0 mm		
02.20.13	Drill Stop ø2.5 mm		
06.15.08	Drill Stop ø3.5 mm		
36.15.18	PAUL-II Drill Sleeve ø1.8 mm / ø2.4 mm Cortical	5	Drill Sleeve
36.05.25	KLS Drill Sleeve ø2.5 mm / ø3.5 mm Locking	6	
36.15.20	PAUL-II Drill Sleeve ø2.0 mm / ø2.7 mm Cortical	7	
36.05.35	KLS Drill Sleeve ø3.5 mm / ø4.5 mm Locking	8	
14.60.01	Screwdriver Handle (Small)	9	Screwdriver
02.20.20	Screwdriver Insert T10	10	
06.60.08	Screwdriver Insert T15	11	
36.35.35	KLS Temporary Fixation Peg / ø3.5 mm	12	Various
36.35.45	KLS Temporary Fixation Peg / ø4.5 mm	13	
04.60.44	K-wire ø1.6 mm / L 150 mm, pack of 6		
06.50.02	Depth Gauge ø1.5 to ø3.0 mm (Medium)	14	
04.20.05	Depth Gauge ø2.7 to ø4.0 mm (Large)	15	
06.60.06	Screw Forceps	16	
30.10.10	Fine Touch Forceps / L 162 mm Bone Plate		
30.10.14	Fine Touch Forceps / L 159 mm Small Claw		
30.10.15	Fine Touch Forceps / L 175 mm Medium Claw		
40.00.01	KLS Measuring Tool		
82.30.10	KSS Tray / 29.5 mm PAUL-II	17	Organization
82.10.01	KSS Lid for Tray for Instruments		
36.50.00	Surgical Fabric Wrap for Instruments		
SAH.K61966	Vet Spectrum EverGreen Narrow Sterilization Container Base (Non-Perforated), Short, 315 x 132 x 63 mm		
SAH.K61970	Vet Spectrum EverGreen Narrow Sterilization Container Lid, Grey		
SAH.K2744	Vet Spectrum EverGreen Narrow Teflon Reusable Filter (2000 Sterilization Cycles), 215 x 100 mm		

Supplement Set Color Guide

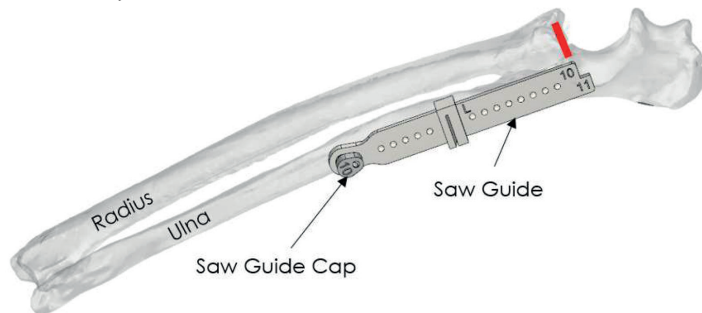
- Size 8 / Size 9 Specific Instruments
- Size 10 / Size 11 Specific Instruments

# PAUL OSTEOTOMY SAW GUIDE INTRODUCTION

The PAUL osteotomy saw guide has been designed to place the Ulna osteotomy at the correct position, in the correct angle and to prevent the Radius from being injured in the process.



Left Side, Size 10/11

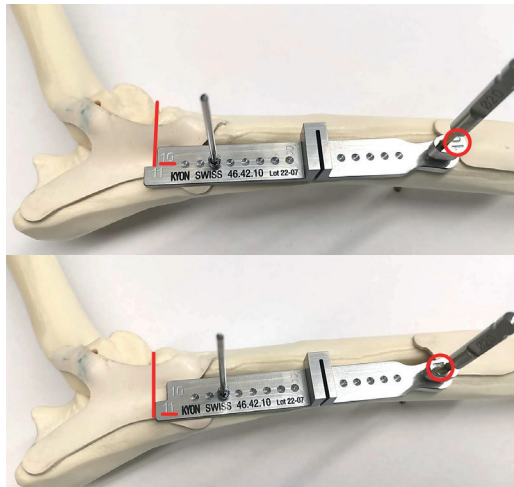


The landmark for the osteotomy is the proximal end of the Radius. According to the preoperatively defined plate size, the desired saw guide cap (e.g. size 10) is mounted. The labelled edge of the saw guide (e.g. 10) is aligned with the proximal end of the Radius followed by a parallel alignment to the caudal edge of the Ulna. The positioned saw guide can be held in the sagittal plane using a point-to-point forceps clamped to the foreseen cavities or with an olive K-wire.

A hole is drilled through the cap. The drill positioned in it serves as an additional temporary fixation point. The osteotomy can be performed with an appropriate saw blade. After removing the saw guide, the hole drilled through the cap is to be used for fixing the most distal screw of the PAUL plate.

Size 8 + 9 as well as size 10 + 11 are combined in one saw guide. There is a saw guide for each side available. The saw guide set (46.35.00) includes all 4 saw guides (left / right) as well 4 caps.

Right Side, Size 10/11



Item #	Part	Olive K-Wire for Fixation [mm]	Max. Width of Saw Blade [mm]
46.31.08	PAUL Saw Guide 8/9 Left	1.6 e.g. STA-FIX PIN 0.062	0.7
46.32.08	PAUL Saw Guide 8/9 Right		
46.41.10	PAUL Saw Guide 10/11 Left		
46.42.10	PAUL Saw Guide 10/11 Right		
46.35.00	PAUL Saw Guide Set		

Item #	Part	Drill Hole through Cap [mm]
46.33.08	PAUL Saw Guide Cap 8	1.8
46.33.09	PAUL Saw Guide Cap 9	
46.43.10	PAUL Saw Guide Cap 10	
46.43.11	PAUL Saw Guide Cap 11	2.0

# ALPS® DPO

## Immediate Stabilization

The designated compression hole provides immediate stabilization of the osteotomy.

## Perfect Fit

The side specific plates with two possible angulations ensure an ideal correction of the acetabulum to arrest the development of hip dysplasia in the early stages of the disease.

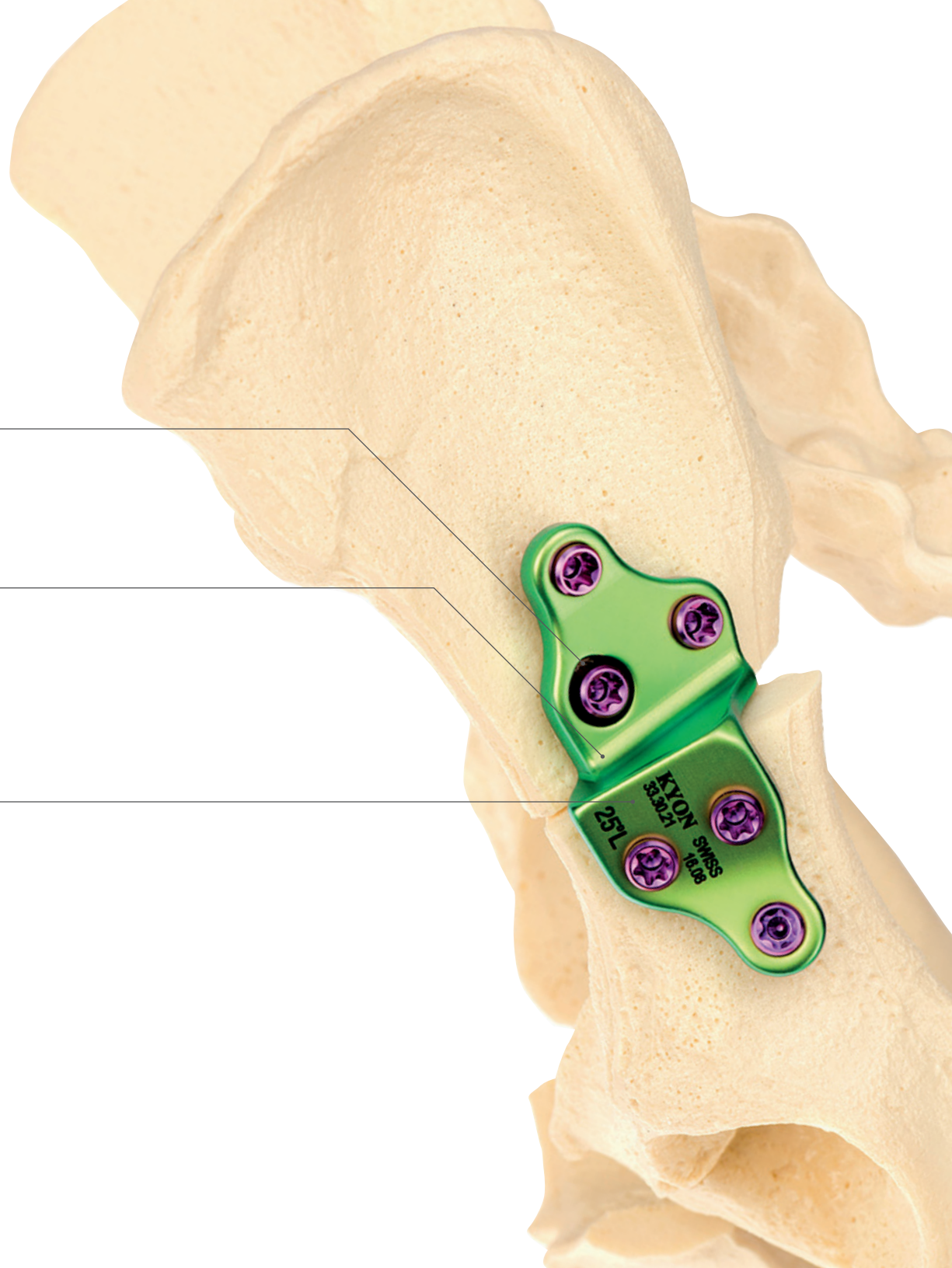
## Superior Biocompatibility

The ALPS® DPO plates are manufactured from titanium alloy for supreme biocompatibility and strength.

Learn more  
about DPO:



[www.kyon.ch/dpo](http://www.kyon.ch/dpo)



## ALPS® DPO Plates



Item #	Size	Implant Variant	Screw Compatibility	
33.30.11	Small	Left / 25°	<ul style="list-style-type: none"> <li>• ø3.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø2.0 mm Cortical Specialty Screw<sup>2</sup></li> </ul>	<b>ALPS® DPO Plate</b> <ul style="list-style-type: none"> <li>• Titanium Alloy</li> <li>• ALPS® Technology</li> <li>• Multiple Angulation</li> <li>• Designated Compression Hole</li> </ul>
33.30.12	Small	Right / 25°	<ul style="list-style-type: none"> <li>• ø3.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø2.0 mm Cortical Specialty Screw<sup>2</sup></li> </ul>	
33.30.13	Small	Left / 30°	<ul style="list-style-type: none"> <li>• ø3.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø2.0 mm Cortical Specialty Screw<sup>2</sup></li> </ul>	
33.30.14	Small	Right / 30°	<ul style="list-style-type: none"> <li>• ø3.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø2.0 mm Cortical Specialty Screw<sup>2</sup></li> </ul>	
33.30.21	Standard	Left / 25°	<ul style="list-style-type: none"> <li>• ø4.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.0 mm Cortical Specialty Screw<sup>2</sup></li> </ul>	
33.30.22	Standard	Right / 25°	<ul style="list-style-type: none"> <li>• ø4.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.0 mm Cortical Specialty Screw<sup>2</sup></li> </ul>	
33.30.23	Standard	Left / 30°	<ul style="list-style-type: none"> <li>• ø4.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.0 mm Cortical Specialty Screw<sup>2</sup></li> </ul>	
33.30.24	Standard	Right / 30°	<ul style="list-style-type: none"> <li>• ø4.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.0 mm Cortical Specialty Screw<sup>2</sup></li> </ul>	

<sup>1</sup> Locking | <sup>2</sup> Compression

## Screws

### KLS™ Locking Screws



Diameter

Diameter	KLS-Locking Screw
ø3.0 mm / ø4.0 mm	<ul style="list-style-type: none"> <li>• Titanium Alloy</li> <li>• Self-Tapping</li> <li>• Locking</li> </ul>

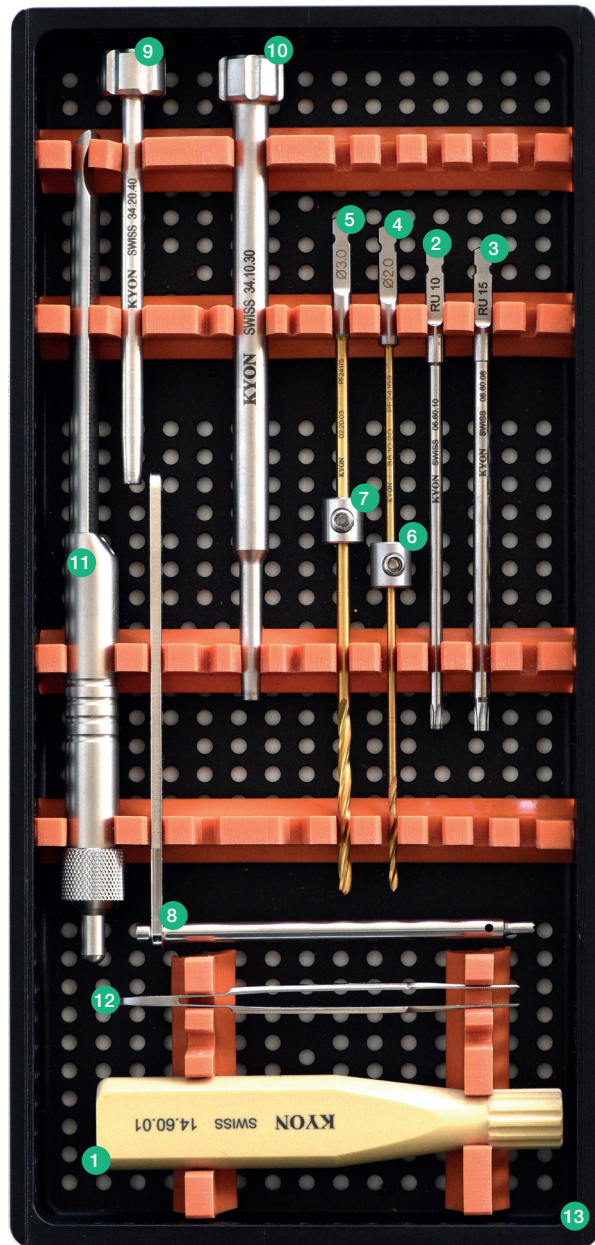
### Cortical Specialty Screws



Diameter

Diameter	Cortical Specialty Screw
ø2.0 mm / ø3.0 mm	<ul style="list-style-type: none"> <li>• Titanium Alloy</li> <li>• Self-Tapping</li> <li>• For Compression</li> </ul>

JOINT MANAGEMENT | Double Pelvic Osteotomy  
**Instruments & Organization**



ALPS® DPO

Item #	Description		
14.60.01	Screwdriver Handle (Small)	1	Screwdriver
06.60.07	Screwdriver Insert T8	2	
02.20.20	Screwdriver Insert T10	3	
06.60.08	Screwdriver Insert T15	4	
38.10.150	Drill Bit ø1.5 mm / L 110/85 mm	5	Drill Bit & Drill Stop
38.10.200	Drill Bit ø2.0 mm / L 145/120 mm	6	
02.20.03	Drill Bit ø3.0 mm / L 145/120 mm	7	
06.15.02	Drill Stop ø1.5 mm	8	
06.15.04	Drill Stop ø2.0 mm	9	
02.20.12	Drill Stop ø3.0 mm	10	
04.21.12	Mini Drill Sleeve ø0.7mm / 1.5mm Neutral	11	Drill Sleeve
36.05.20	KLS Drill Sleeve ø2.0mm / ø3.0mm Locking	12	
34.10.20	DPO Drill Sleeve ø2.0 mm / L 85 mm	13	
34.20.40	DPO Drill Sleeve ø3.0 mm	14	
34.10.30	DPO Pin ø4.0 mm	15	Various
04.20.05	Depth Gauge ø2.7 to ø4.0 mm (Large)	16	
06.60.06	Screw Forceps	17	
40.00.01	KLS Measuring Tool	18	
82.30.05	KSS Tray / 29.5 mm DPO	19	Organization
82.10.01	KSS Lid for Tray	20	
SAH.K61966	Vet Spectrum EverGreen Narrow Sterilization Container Base (Non-Perforated), Short, 315 x 132 x 63 mm	21	
SAH.K61974	Vet Spectrum EverGreen Narrow Sterilization Container Lid, Red	22	
SAH.K2744	Vet Spectrum EverGreen Narrow Teflon Reusable Filter (2000 Sterilization Cycles), 215 x 100 mm	23	

Supplement Set Color Guide

- ALPS® DPO Small Specific Instruments
- ALPS® DPO Standard Specific Instruments

# ALPS FUSE Pantarsal

## ALPS® Technology

The design of all ALPS® plates minimizes the contact between plate and bone accelerating the healing process.

## Anatomically Shaped

The shape of the ALPS® FUSE plates is optimized to perfectly fit and stabilize the hock joint.

## KLS™ Locking Screws

The KYON Locking Screws (KLS™) are easy and safe to use and can be used across the ALPS® product range.

## Capture Multiple Metatarsals

By angulating a KLS screw with a KLS Bead, it is possible to capture multiple metatarsal bones with one screw.

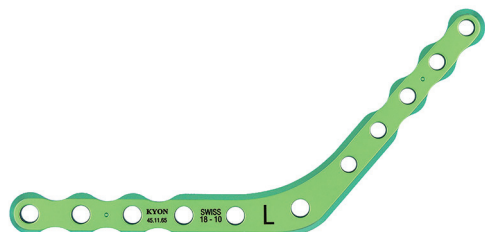


Learn more  
about FUSE:



[www.kyon.ch/fuse](http://www.kyon.ch/fuse)

## ALPS® FUSE Pantarsal Plates



Item #	Size	Implant Variant	Screw Compatibility (Proximal / Central / Distal)	
45.08.65 45.08.64	Size 8	Left Right	<ul style="list-style-type: none"> <li>• ø3.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø2.0 mm KLS-Locking Screw with Bead<sup>2</sup></li> <li>• ø2.0 mm KLS-Locking Screw with Bead<sup>2</sup> or ø2.4 mm Cortical Screw</li> <li>• ø2.5 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø1.5 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>	<b>ALPS® FUSE Pantarsal Plate</b> <ul style="list-style-type: none"> <li>• Titanium Alloy</li> <li>• ALPS® Technology</li> <li>• Multiple sizes</li> </ul>
45.09.65 45.09.64	Size 9	Left Right	<ul style="list-style-type: none"> <li>• ø3.5 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø2.5 mm KLS-Locking Screw with Bead<sup>2</sup></li> <li>• ø2.5 mm KLS-Locking Screw with Bead<sup>2</sup> or ø2.4 mm Cortical Screw</li> <li>• ø3.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø2.0 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>	
45.10.65 45.10.64	Size 10	Left Right	<ul style="list-style-type: none"> <li>• ø4.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.0 mm KLS-Locking Screw with Bead<sup>2</sup></li> <li>• ø3.0 mm KLS-Locking Screw with Bead<sup>2</sup> or ø2.7 mm Cortical Screw</li> <li>• ø3.5 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø2.5 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>	
45.11.65 45.11.64	Size 11	Left Right	<ul style="list-style-type: none"> <li>• ø4.5 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.5 mm KLS-Locking Screw with Bead<sup>2</sup></li> <li>• ø3.5 mm KLS-Locking Screw with Bead<sup>2</sup> or ø3.5 mm Cortical Screw</li> <li>• ø4.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.0 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>	

<sup>1</sup> Locking | <sup>2</sup> Angulation

### KLS™ Locking Screws



Diameter

ø1.5 mm-4.5 mm	<b>KLS-Locking Screw</b> <ul style="list-style-type: none"> <li>• Titanium Alloy</li> <li>• Self-Tapping</li> </ul>
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### Cortical Screws



Diameter

ø2.4 mm-3.5 mm	<b>Cortical Screw</b> <ul style="list-style-type: none"> <li>• Titanium Alloy</li> <li>• Self-Tapping</li> </ul>
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### KLS™ Beads



Diameter

ø2.5 mm-4.5 mm	<b>KLS Beads</b> <ul style="list-style-type: none"> <li>• Titanium Alloy</li> <li>• Enabling KLS Angulation</li> <li>• Enabling KLS Compression</li> </ul>
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JOINT MANAGEMENT | Pantarsal Arthrodesis  
**Instruments & Organization**



**Supplement Set Color Guide**

- Size 8 Specific Instruments
- Size 9 Specific Instruments

**ALPS® FUUSE Pantarsal Size 8 and Size 9**

Item #	Description	
06.10.01	Drill Bit ø1.1 mm / L 85/60 mm	Drill Bit & Drill Stop
38.10.150	Drill Bit ø1.5 mm / L 110/85 mm	
06.10.03	Drill Bit ø1.8 mm / L 125/100 mm	
38.10.200	Drill Bit ø2.0 mm / L 145/120 mm	
02.20.04	Drill Bit ø2.5 mm / L 145/120 mm	
06.15.01	Drill Stop ø1.1 mm	
06.15.02	Drill Stop ø1.5 mm	Drill Sleeve
06.15.03	Drill Stop ø1.8 mm	
06.15.04	Drill Stop ø2.0 mm	
02.20.13	Drill Stop ø2.5 mm	
36.20.01	KLS Drill Sleeve ø1.1 mm / ø1.5 mm Bead	
36.20.02	KLS Drill Sleeve ø1.5 mm / ø2.0 mm Bead	
06.40.02	ALPS-I Drill Sleeve ø1.8 mm / ø2.4 mm Compression	Screwdriver
36.20.03	KLS Drill Sleeve ø2.0 mm / ø2.5 mm Bead	
36.05.19	KLS Drill Sleeve ø2.0 mm / ø2.5 mm Locking	
36.20.04	KLS Drill Sleeve ø2.0 mm / ø3.0 mm Bead	
36.05.20	KLS Drill Sleeve ø2.0 mm / ø3.0 mm Locking	
36.05.25	KLS Drill Sleeve ø2.5 mm / ø3.5 mm Locking	
14.60.01	Screwdriver Handle (Small)	Various
06.60.03	Screwdriver Insert T4	
06.60.04	Screwdriver Insert T6	
06.60.07	Screwdriver Insert T8	
02.20.20	Screwdriver Insert T10	
06.50.00	Mini Depth Gauge ø1.0 to ø1.6 mm (X-Small)	
06.50.02	Depth Gauge ø1.5 to ø3.0 mm (Medium)	Organization
39.90.00	KLS Bead Removal Instrument	
40.00.01	KLS Measuring Tool	
06.60.06	Screw Forceps	
82.30.01	KSS Tray / 29.5 mm General Purpose	
82.10.01	KSS Lid for Tray for Instruments	
SAH.K2520	Vet Spectrum EverGreen Narrow Sterilization Container Silicone Mat (275x125mm)	Organization
36.50.00	Surgical Fabric Wrap for Instruments	
SAH.K61966	Vet Spectrum EverGreen Narrow Sterilization Container Base (Non-Perforated), Short, 315 x 132 x 63 mm	
SAH.K61970	Vet Spectrum EverGreen Narrow Sterilization Container Lid, Grey	
SAH.K2744	Vet Spectrum EverGreen Narrow Teflon Reusable Filter (2000 Sterilization Cycles), 215 x 100 mm	

## ALPS® FUSE Pantarsal Size 10 and Size 11

Item #	Description	
38.10.200	Drill Bit ø2.0 mm / L 145/120 mm	<b>Drill Bit &amp; Drill Stop</b>
02.20.04	Drill Bit ø2.5 mm / L 145/120 mm	
02.20.03	Drill Bit ø3.0 mm / L 145/120 mm	
06.10.11	Drill Bit ø3.5 mm / L 147/120 mm	
06.15.04	Drill Stop ø2.0 mm	
02.20.13	Drill Stop ø2.5 mm	
06.15.04	Drill Stop ø3.0 mm	
06.15.08	Drill Stop ø3.5 mm	
36.20.03	KLS Drill Sleeve ø2.0 mm / ø2.5 mm Bead	<b>Drill Sleeve</b>
36.05.19	KLS Drill Sleeve ø2.0 mm / ø2.5 mm Locking	
36.20.04	KLS Drill Sleeve ø2.0 mm / ø3.0 mm Bead	
36.05.20	KLS Drill Sleeve ø2.0 mm / ø3.0 mm Locking	
04.20.12	Drill Sleeve ø2.0 mm / ø2.5 mm Neutral	
36.05.25	KLS Drill Sleeve ø2.5 mm / ø3.5 mm Locking	
36.10.40	KLS Drill Sleeve ø3.0 mm / ø4.0 mm Locking	
36.05.35	KLS Drill Sleeve ø3.5 mm / ø4.5 mm Locking	
14.60.01	Screwdriver Handle (Small)	<b>Screwdriver</b>
06.60.04	Screwdriver Insert T6	
06.60.07	Screwdriver Insert T8	
02.20.20	Screwdriver Insert T10	
06.60.08	Screwdriver Insert T15	
06.50.02	Depth Gauge ø1.5 to ø3.0 mm (Medium)	<b>Various</b>
04.20.05	Depth Gauge ø2.7 to ø4.0 mm (Large)	
39.90.00	KLS Bead Removal Instrument	
40.00.01	KLS Measuring Tool	
06.60.06	Screw Forceps	
82.30.01	KSS Tray / 29.5 mm General Purpose	<b>Organization</b>
82.10.01	KSS Lid for Tray for Instruments	
SAH.K2520	Vet Spectrum EverGreen Narrow Sterilization Container Silicone Mat (275x125mm)	
36.50.00	Surgical Fabric Wrap for Instruments	
SAH.K61966	Vet Spectrum Ever Green Narrow Sterilization Container Base (Non-Perforated), Short	
SAH.K61970	Vet Spectrum EverGreen Narrow Sterilization Container Lid, Grey	
SAH.K2744	Vet Spectrum EverGreen Narrow Teflon Reusable Filter (2000 sterilization cycles), 215 x 100 mm	

## Supplement Set Color Guide

- Size 10 Specific Instruments
- Size 11 Specific Instruments

# Fracture Plates ALPS-II/-IIS

## ALPS® Technology

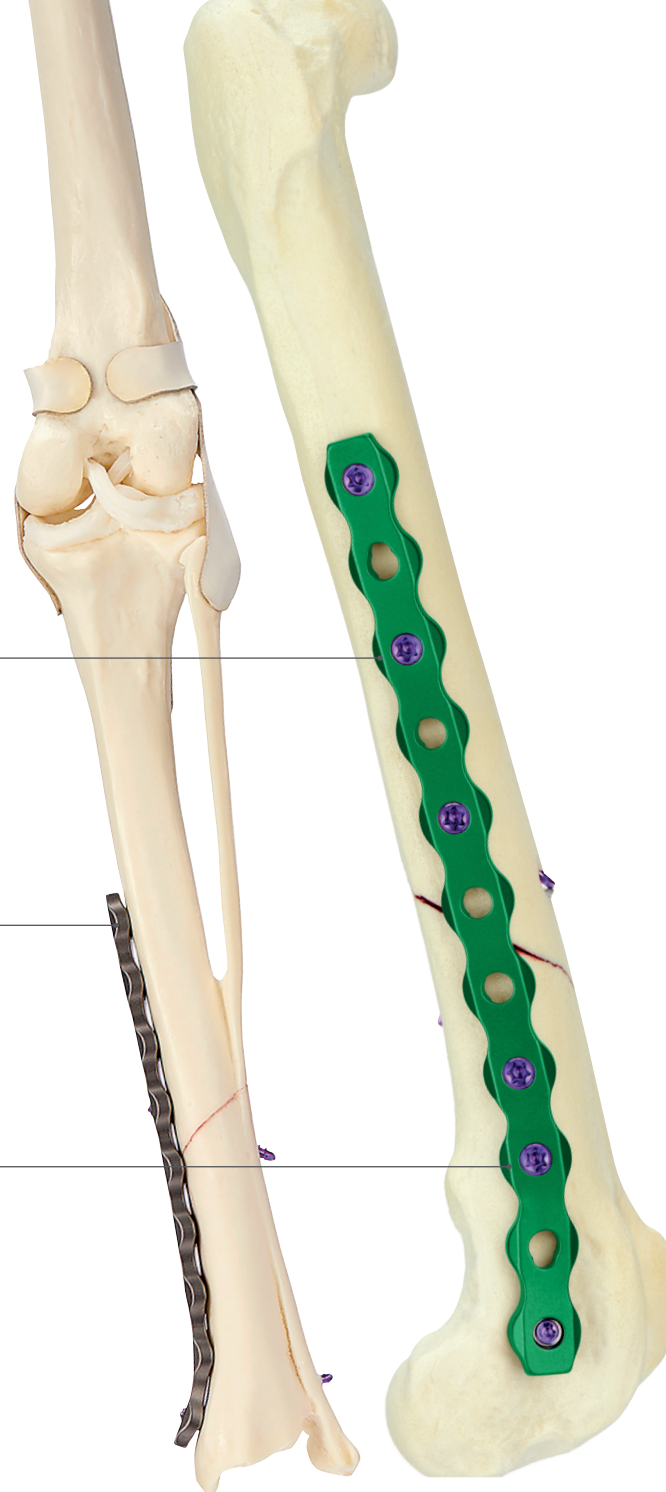
All ALPS® Fracture Plates are designed to minimize the contact with the bone to preserve the blood supply to enhance the healing process and reduce the risk of infection.

## ALPS-II Fracture Plates

ALPS-II Fracture Plates are made from Grade 4 Titanium ensuring superb biocompatibility and contourability in all dimensions.

## ALPS-IIS Fracture Plates

The ALPS-IIS are made from Grade 5 Titanium known for its very high tensile strength. This is the solution for the most complex cases, for example, when double-plating is not possible; but ultimate strength is needed.



Learn more  
about ALPS-II/IIS:



[www.kyon.ch/alps](http://www.kyon.ch/alps)

## ALPS-II Fracture Plates



Item #	Size	Width/Length	Screw Compatibility
44.05.43	Size 5 / 43 holes	5.0 mm/234 mm	<ul style="list-style-type: none"> <li>• ø2.5 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø1.5 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>
44.06.34	Size 6.5 / 34 holes	6.5 mm/234 mm	<ul style="list-style-type: none"> <li>• ø2.5 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø1.5 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>
44.08.26	Size 8 / 26 holes	8.0 mm/234 mm	<ul style="list-style-type: none"> <li>• ø3.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø2.0 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>
44.09.22	Size 9 / 22 holes	9.0 mm/231 mm	<ul style="list-style-type: none"> <li>• ø3.5 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø2.5 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>
44.10.04	Size 10 / 4 holes	10.0 mm/47 mm	<ul style="list-style-type: none"> <li>• ø4.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.0 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>
44.10.05	Size 10 / 5 holes	10.0 mm/59 mm	<ul style="list-style-type: none"> <li>• ø4.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.0 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>
44.10.06	Size 10 / 6 holes	10.0 mm/71 mm	<ul style="list-style-type: none"> <li>• ø4.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.0 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>
44.10.07	Size 10 / 7 holes	10.0 mm/83 mm	<ul style="list-style-type: none"> <li>• ø4.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.0 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>
44.10.08	Size 10 / 8 holes	10.0 mm/95 mm	<ul style="list-style-type: none"> <li>• ø4.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.0 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>
44.10.09	Size 10 / 9 holes	10.0 mm/107 mm	<ul style="list-style-type: none"> <li>• ø4.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.0 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>
44.10.10	Size 10 / 10 holes	10.0 mm/119 mm	<ul style="list-style-type: none"> <li>• ø4.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.0 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>
44.10.11	Size 10 / 11 holes	10.0 mm/131 mm	<ul style="list-style-type: none"> <li>• ø4.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.0 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>
44.10.12	Size 10 / 12 holes	10.0 mm/143 mm	<ul style="list-style-type: none"> <li>• ø4.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.0 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>
44.11.06	Size 11 / 6 holes	11.0 mm/77.5 mm	<ul style="list-style-type: none"> <li>• ø4.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.0 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>
44.11.08	Size 11 / 8 holes	11.0 mm/103 mm	<ul style="list-style-type: none"> <li>• ø4.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.0 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>
44.11.10	Size 11 / 10 holes	11.0 mm/129 mm	<ul style="list-style-type: none"> <li>• ø4.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.0 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>
44.11.12	Size 11 / 12 holes	11.0 mm/155.5 mm	<ul style="list-style-type: none"> <li>• ø4.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.0 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>
44.11.14	Size 11 / 14 holes	11.0 mm/181.5 mm	<ul style="list-style-type: none"> <li>• ø4.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.0 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>
44.11.16	Size 11 / 16 holes	11.0 mm/207 mm	<ul style="list-style-type: none"> <li>• ø4.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.0 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>
44.11.18	Size 11 / 18 holes	11.0 mm/233.5 mm	<ul style="list-style-type: none"> <li>• ø4.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.0 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>

**ALPS-II Plate**

- Titanium Alloy
- ALPS® Technology
- Cuttable (Size 5 to 9)
- Compression Holes

**ALPS-II Plate**

- Titanium Alloy
- ALPS® Technology
- Compression Holes

**ALPS-II Plate**

- Titanium Alloy
- ALPS® Technology
- Compression Holes

## ALPS-II T-Plates



Item #	Size	2T7	ALPS-II T-Plate
44.05.01	Size 5	2T7	<ul style="list-style-type: none"> <li>• Titanium Alloy</li> <li>• ALPS® Technology</li> <li>• Cuttable (Size 5 to 9)</li> </ul>
44.06.01	Size 6.5	2T7	<ul style="list-style-type: none"> <li>• Titanium Alloy</li> <li>• ALPS® Technology</li> <li>• Cuttable (Size 5 to 9)</li> </ul>
44.08.01	Size 8	2T7	
44.09.01	Size 9	2T7	
44.10.01	Size 10	2T7	<ul style="list-style-type: none"> <li>• Titanium Alloy</li> <li>• ALPS® Technology</li> </ul>
44.11.01	Size 11	2T7	<ul style="list-style-type: none"> <li>• ALPS® Technology</li> </ul>

## KLS™ Locking Screws



Diameter

ø1.5 mm -  
4.5 mm

**KLS Locking Screw**

- Titanium Alloy
- Self-Tapping

## KLS™ Beads



Diameter

ø2.5 mm -  
4.5 mm

**KLS Beads**

- Titanium Alloy
- Enabling KLS Angulation
- Enabling KLS Compression

### Supplement Set Color Guide

 Cuttable Plate - One Plate

 Non-Cuttable Plate - Multiple Plates

FRACTURE & TRAUMA | Fracture Plates  
**ALPS-IIS Fracture Plates**



Item #	Size	Width/Length	Screw Compatibility	
47.05.43	Size 5 / 43 holes	5.0 mm/236.5 mm	<ul style="list-style-type: none"> <li>• ø2.5 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø1.5 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>	<b>ALPS-IIS Plate</b> <ul style="list-style-type: none"> <li>• Extra Strong Titanium Alloy</li> <li>• ALPS® Technology</li> <li>• Cuttable (Size 5 to 9)</li> <li>• Compression Holes</li> </ul>
47.06.34	Size 6.5 / 34 holes	6.5 mm/238 mm	<ul style="list-style-type: none"> <li>• ø2.5 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø1.5 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>	
47.08.26	Size 8 / 26 holes	8.0 mm/234 mm	<ul style="list-style-type: none"> <li>• ø3.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø2.0 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>	
47.09.22	Size 9 / 22 holes	9.0 mm/231 mm	<ul style="list-style-type: none"> <li>• ø3.5 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø2.5 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>	
47.10.04	Size 10 / 4 holes	10.0 mm/47 mm	<ul style="list-style-type: none"> <li>• ø4.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.0 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>	<b>ALPS-IIS Plate</b> <ul style="list-style-type: none"> <li>• Extra Strong Titanium Alloy</li> <li>• ALPS® Technology</li> <li>• Compression Holes</li> </ul>
47.10.05	Size 10 / 5 holes	10.0 mm/59 mm	<ul style="list-style-type: none"> <li>• ø4.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.0 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>	
47.10.06	Size 10 / 6 holes	10.0 mm/71 mm	<ul style="list-style-type: none"> <li>• ø4.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.0 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>	
47.10.07	Size 10 / 7 holes	10.0 mm/83 mm	<ul style="list-style-type: none"> <li>• ø4.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.0 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>	
47.10.08	Size 10 / 8 holes	10.0 mm/95 mm	<ul style="list-style-type: none"> <li>• ø4.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.0 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>	
47.10.09	Size 10 / 9 holes	10.0 mm/107 mm	<ul style="list-style-type: none"> <li>• ø4.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.0 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>	
47.10.10	Size 10 / 10 holes	10.0 mm/119 mm	<ul style="list-style-type: none"> <li>• ø4.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.0 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>	
47.10.11	Size 10 / 11 holes	10.0 mm/131 mm	<ul style="list-style-type: none"> <li>• ø4.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.0 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>	
47.10.12	Size 10 / 12 holes	10.0 mm/143 mm	<ul style="list-style-type: none"> <li>• ø4.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.0 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>	
47.10.14	Size 10 / 14 holes	10.0 mm/167.5 mm	<ul style="list-style-type: none"> <li>• ø4.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.0 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>	
47.10.16	Size 10 / 16 holes	10.0 mm/191.5 mm	<ul style="list-style-type: none"> <li>• ø4.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.0 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>	
47.11.06	Size 11 / 6 holes	11.0 mm/77.5 mm	<ul style="list-style-type: none"> <li>• ø4.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.0 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>	<b>ALPS-IIS Plate</b> <ul style="list-style-type: none"> <li>• Extra Strong Titanium Alloy</li> <li>• ALPS® Technology</li> <li>• Compression Holes</li> </ul>
47.11.08	Size 11 / 8 holes	11.0 mm/103 mm	<ul style="list-style-type: none"> <li>• ø4.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.0 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>	
47.11.10	Size 11 / 10 holes	11.0 mm/129 mm	<ul style="list-style-type: none"> <li>• ø4.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.0 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>	
47.11.12	Size 11 / 12 holes	11.0 mm/155.5 mm	<ul style="list-style-type: none"> <li>• ø4.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.0 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>	
47.11.14	Size 11 / 14 holes	11.0 mm/181.5 mm	<ul style="list-style-type: none"> <li>• ø4.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.0 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>	
47.11.16	Size 11 / 16 holes	11.0 mm/207 mm	<ul style="list-style-type: none"> <li>• ø4.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.0 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>	
47.11.18	Size 11 / 18 holes	11.0 mm/233.5 mm	<ul style="list-style-type: none"> <li>• ø4.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.0 mm KLS-Locking Screw with Bead<sup>2</sup></li> </ul>	

## KLS™ Locking Screws



Diameter

ø1.5 mm -  
4.5 mm

**KLS Locking Screw**

- Titanium Alloy
- Self-Tapping

## KLS™ Beads



Diameter

ø2.5 mm -  
4.5 mm

**KLS Beads**

- Titanium Alloy
- Enabling KLS Angulation
- Enabling KLS Compression

Supplement Set Color Guide

 Cuttable Plate - One Plate

 Non-Cuttable Plate - Multiple Plates

FRACTURE & TRAUMA | Fracture Plates  
**Instruments & Organization**



ALPS-II/IIS Size 5 and Size 6.5

Item #	Description		
14.60.01	Screwdriver Handle (Small)	1	Screwdriver
06.60.03	Screwdriver Insert T4	2	
06.60.04	Screwdriver Insert T6	3	
02.20.20	Screwdriver Insert T10	4	
06.10.01	Drill Bit $\phi$ 1.1 mm / L 85/60 mm	5	Drill Bits & Drill Stops
38.10.200	Drill Bit $\phi$ 2.0 mm / L 145/120 mm	6	
06.15.01	Drill Stop $\phi$ 1.1 mm	7	
06.15.04	Drill Stop $\phi$ 2.0 mm	7	
36.25.01	KLS Drill Sleeve $\phi$ 1.1 mm / $\phi$ 1.5 mm Compression	8	Drill Sleeve
36.20.01	KLS Drill Sleeve $\phi$ 1.1 mm / $\phi$ 1.5 mm Bead	9	
36.05.19	KLS Drill Sleeve $\phi$ 2.0 mm / $\phi$ 2.5 mm Locking		
06.71.01	Bending Iron for 5/6.5 mm Plate	10	Plate Modification
06.71.11	Cutting Iron for 5/6.5 mm Plate	11	
06.75.02	Plate and Wire Cutter		
06.81.01A	Bending Pliers for 5/6.5 mm Plate, In-Plane Bending	12	
06.84.00	Bending Instrument 5-11 mm / Set In-Plane Bending		
06.50.00	Mini Depth Gauge $\phi$ 1.0 to $\phi$ 1.6 mm (X-Small)		Various
06.50.02	Depth Gauge $\phi$ 1.5 to $\phi$ 3.0 mm (Medium)	13	
40.00.01	KLS Measuring Tool		
39.90.00	KLS Bead Removal Instrument		
06.60.06	Screw Forceps	14	
82.30.01	KSS Tray / 29.5 mm General Purpose		Organization
82.10.01	KSS Lid for Tray for Instruments		
SAH.K2520	Vet Spectrum EverGreen Narrow Sterilization Container Silicone Mat (275x125mm)		
36.50.00	Surgical Fabric Wrap for Instruments		
36.50.01	Surgical Fabric Wrap for ALPS-II Instruments 5/6.5		
36.50.06	Surgical Fabric Wrap / ALPS-II Plates 5/6.5		
SAH.K61966	Vet Spectrum EverGreen Narrow Sterilization Container Base (Non-Perforated), Short, 315 x 132 x 63 mm		
SAH.K61970	Vet Spectrum EverGreen Narrow Sterilization Container Lid, Grey		
SAH.K2744	Vet Spectrum EverGreen Narrow Teflon Reusable Filter (2000 Sterilization Cycles), 215 x 100 mm		

Supplement Set Color Guide

- Size 5 Specific Instruments
- Size 6.5 Specific Instruments

ALPS-II/-IIS Size 8 and Size 9

Item #	Description	
14.60.01	Screwdriver Handle (Small)	<b>Screwdriver</b>
06.60.04	Screwdriver Insert T6	
06.60.07	Screwdriver Insert T8	
02.20.20	Screwdriver Insert T10	
38.10.150	Drill Bit ø1.5 mm / L 110/85 mm	<b>Drill Bit &amp; Drill Stop</b>
38.10.200	Drill Bit ø2.0 mm / L 145/120 mm	
02.20.04	Drill Bit ø2.5 mm / L 145/120 mm	
06.15.02	Drill Stop ø1.5 mm	
06.15.04	Drill Stop ø2.0 mm	
02.20.13	Drill Stop ø2.5 mm	
36.25.02	KLS Drill Sleeve ø1.5 mm / ø2.0 mm Compression	<b>Drill Sleeve</b>
36.20.02	KLS Drill Sleeve ø1.5 mm / ø2.0 mm Bead	
36.05.20	KLS Drill Sleeve ø2.0 mm / ø3.0 mm Locking	
36.25.03	KLS Drill Sleeve ø2.0 mm / ø2.5 mm Compression	
36.20.03	KLS Drill Sleeve ø2.0 mm / ø2.5 mm Bead	
36.05.25	KLS Drill Sleeve ø2.5 mm / ø3.5 mm Locking	
06.71.02	Bending Iron for 8/9 mm Plate	<b>Plate Modification</b>
06.75.02	Plate and Wire Cutter	
06.81.02A	Bending Pliers for 8/9 mm Plate, In-Plane Bending	
06.84.00	Bending Instrument 5-11 mm / Set In-Plane Bending	
06.60.11	Screw Retaining Sleeve	<b>Various</b>
06.50.02	Depth Gauge ø1.5 to ø3.0 mm (Medium)	
04.20.05	Depth Gauge ø2.7 to ø4.0 mm (Large)	
40.00.01	KLS Measuring Tool	
39.90.00	KLS Bead Removal Instrument	
82.30.01	KSS Tray / 29.5 mm General Purpose	
82.10.01	KSS Lid for Tray for Instruments	
SAH.K2520	Vet Spectrum EverGreen Narrow Sterilization Container Silicone Mat (275x125mm)	
36.50.00	Surgical Fabric Wrap for Instruments	
36.50.02	Surgical Fabric Wrap for ALPS-II Instruments 8/9	
36.50.07	Surgical Fabric Wrap for ALPS-II Plates 8/9	
SAH.K61966	Vet Spectrum EverGreen Narrow Sterilization Container Base (Non-Perforated), Short, 315 x 132 x 63 mm	
SAH.K61970	Vet Spectrum EverGreen Narrow Sterilization Container Lid, Grey	
SAH.K2744	Vet Spectrum EverGreen Narrow Teflon Reusable Filter (2000 Sterilization Cycles), 215 x 100 mm	

Supplement Set Color Guide

Size 8 specific instruments      Size 9 specific instruments

ALPS-II/-IIS Size 10 and Size 11

Item #	Description	
14.60.01	Screwdriver Handle (Small)	<b>Screwdriver</b>
06.60.07	Screwdriver Insert T8	
02.20.20	Screwdriver Insert T10	
06.60.08	Screwdriver Insert T15	
38.10.200	Drill Bit ø2.0 mm / L 145/120 mm	<b>Drill Bit &amp; Drill Stop</b>
02.20.03	Drill Bit ø3.0 mm / L 145/120 mm	
06.15.04	Drill Stop ø2.0 mm	
02.20.12	Drill Stop ø3.0 mm	
36.25.04	KLS Drill Sleeve ø2.0 mm / ø3.0 mm Compression	<b>Drill Sleeve</b>
36.20.04	KLS Drill Sleeve ø2.0 mm / ø3.0 mm Bead	
36.10.40	KLS Drill Sleeve ø3.0 mm / ø4.0 mm Locking	
06.71.04	Bending Iron for 10/11 mm Plate	<b>Plate Modification</b>
06.84.00	Bending Instrument 5-11 mm / Set In-Plane Bending	
06.80.03	Bending Pliers for 10 mm Plate, In-Plane Bending	
04.20.05	Depth Gauge ø2.7 to ø4.0 mm (Large)	<b>Various</b>
40.00.01	KLS Measuring Tool	
39.90.00	KLS Bead Removal Instrument	
06.60.06	Screw Forceps	
82.30.01	KSS Tray / 29.5 mm General Purpose	<b>Organization</b>
82.10.01	KSS Lid for Tray for Instruments	
SAH.K2520	Vet Spectrum EverGreen Narrow Sterilization Container Silicone Mat (275x125mm)	
36.50.03	Surgical Fabric Wrap for ALPS-II Instruments 10/11	
36.50.04	Surgical Fabric Wrap for ALPS-II Plates 10/11	
36.50.05	Surgical Fabric Wrap for In-Plane Bender ALPS 5-11	
SAH.K61966	Vet Spectrum EverGreen Narrow Sterilization Container Base (Non-Perforated), Short, 315 x 132 x 63 mm	
SAH.K61970	Vet Spectrum EverGreen Narrow Sterilization Container Lid, Grey	
SAH.K2744	Vet Spectrum EverGreen Narrow Teflon Reusable Filter (2000 Sterilization Cycles), 215 x 100 mm	

Supplement Set Color Guide

Size 10 specific instruments      Size 11 specific instruments

# ALPS® AcetFx

## KLS™ Locking Screws

The KYON Locking Screws (KLS™) are easy and safe to use and can be used across the ALPS® product range.

## Curved Shape

Multiple plate sizes and the curved shape offer a solution for the anatomy of medium to large breeds.

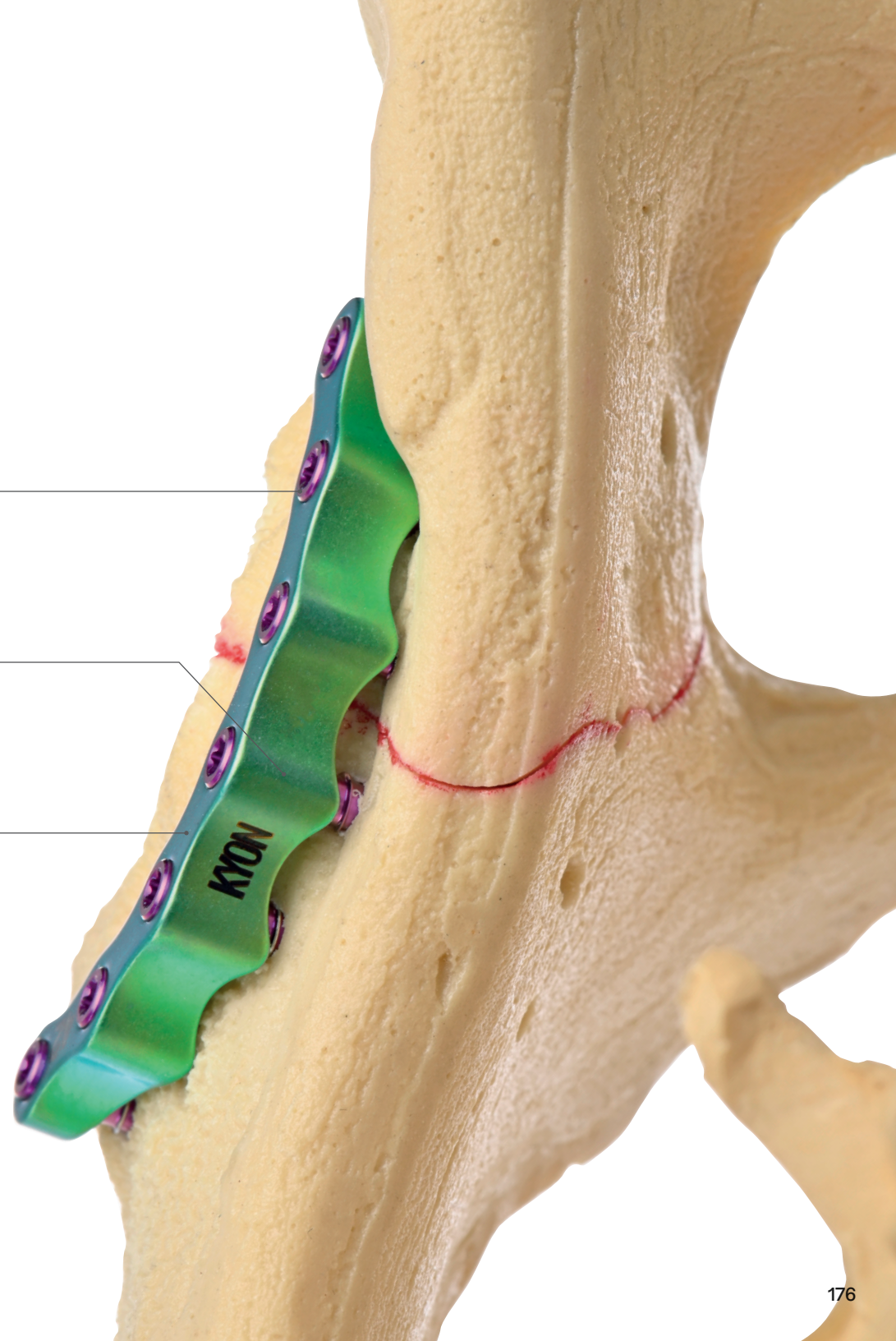
## Superior Biocompatibility

The ALPS® AcetFx plates are manufactured from titanium alloy for supreme biocompatibility and strength.

Learn more  
about AcetFx:



[www.kyon.ch/acetabular](http://www.kyon.ch/acetabular)



## ALPS® AcetFx Plates



Item #	Size	Screw Compatibility	
26.24.39	ø 39 mm (Small)	• ø2.5 mm KLS-Locking Screw <sup>1</sup>	<b>ALPS® AcetFx Plate</b> • Titanium Alloy • ALPS® Technology • Multiple sizes
26.24.42	ø 42 mm (Medium)	• ø2.5 mm KLS-Locking Screw <sup>1</sup>	
26.24.45	ø 45 mm (Large)	• ø2.5 mm KLS-Locking Screw <sup>1</sup>	
26.24.48	ø 48 mm (X-Large)	• ø2.5 mm KLS-Locking Screw <sup>1</sup>	

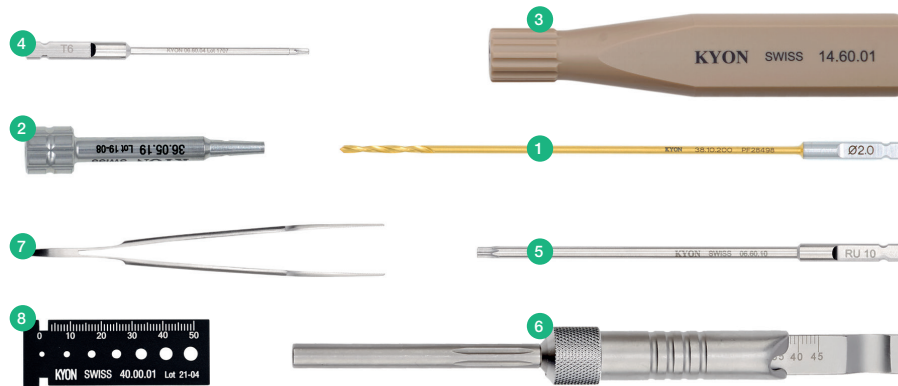
<sup>1</sup> Locking

## KLS™ Locking Screws



Item #	Length	
40.25.14- 40.25.24	14 mm - 24 mm (2.0 mm Increments)	<b>ø2.5 mm KLS-Locking Screw</b> • Titanium Alloy • Self-Tapping • T6 Recess

## Instruments & Organization

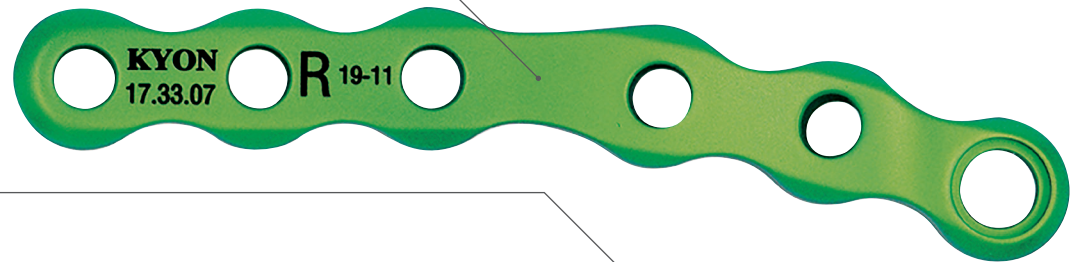


Item #	Description		
38.10.200	Drill Bit ø2.0 mm / L 145/120 mm	1	Drill Bit & Drill Stop
06.15.04	Drill Stop ø2.0 mm		
36.05.19	KLS Drill Sleeve ø2.0 mm / ø2.5 mm Locking	2	Drill Sleeve
14.60.01	Screwdriver Handle (Small)	3	Screwdriver
06.60.04	Screwdriver Insert T6	4	
02.20.20	Screwdriver Insert T10	5	
04.20.05	Depth Gauge ø2.7 to ø4.0 mm (Large)	6	Various
06.60.06	Screw Forceps	7	
40.00.01	KLS Measuring Tool	8	
82.30.01	KSS Tray / 29.5 mm General Purpose		Organization
82.10.01	KSS Lid for Tray for Instruments		
SAH.K2520	Vet Spectrum EverGreen Narrow Sterilization Container Silicone Mat (275x125mm)		
36.50.00	Surgical Fabric Wrap for Instruments		
SAH.K61966	Vet Spectrum EverGreen Narrow Sterilization Container Base (Non-Perforated), Short, 315 x 132 x 63 mm		
SAH.K61970	Vet Spectrum EverGreen Narrow Sterilization Container Lid, Grey		
SAH.K2744	Vet Spectrum EverGreen Narrow Teflon Reusable Filter (2000 Sterilization Cycles), 215 x 100 mm		

# ALPS® Distal Humerus

## Maximal Stability

The ALPS® Distal Humerus plates are manufactured from titanium alloy for supreme biocompatibility and strength.



## Anatomy Specific

The ALPS® Distal Humerus plates are pre-contoured to fit the anatomy of the distal humerus and are available in multiple different sizes.



## ALPS® Technology

The design of all ALPS® plates minimizes the contact between plate and bone accelerating the healing process.

Learn more about  
Distal Humerus:



[www.kyon.ch/alps-distal-humerus](http://www.kyon.ch/alps-distal-humerus)

## ALPS® Distal Humerus Plates



Item #	Size	Implant Variant	Screw Compatibility	
17.33.10 17.33.11	Size 6.5	6.5 mm Plate / Left 6.5 mm Plate / Right	<ul style="list-style-type: none"> <li>• ø2.5 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø1.5 mm KLS-Locking Screw with Bead<sup>2</sup></li> <li>• ø2.7 mm Cortical Screw</li> </ul>	<b>ALPS® Distal Humerus Plate</b> <ul style="list-style-type: none"> <li>• Titanium Alloy</li> <li>• ALPS® Technology</li> <li>• Pre-contoured</li> </ul>
17.33.08 17.33.09	Size 8	8 mm Plate / Left 8 mm Plate / Right	<ul style="list-style-type: none"> <li>• ø3.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø2.0 mm KLS-Locking Screw with Bead<sup>2</sup></li> <li>• ø3.5 mm Cortical Screw</li> </ul>	
17.33.06 17.33.07	Size 10	10 mm Plate / Left 10 mm Plate / Right	<ul style="list-style-type: none"> <li>• ø4.0 mm KLS-Locking Screw<sup>1</sup></li> <li>• ø3.0 mm KLS-Locking Screw with Bead<sup>2</sup></li> <li>• ø4.5 mm Cortical Screw</li> </ul>	

<sup>1</sup> Locking | <sup>2</sup> Angulation

### KLS™ Locking Screws



Diameter

ø1.5 mm-4.0 mm

**KLS-Locking Screw**

- Titanium Alloy
- Self-Tapping

### KLS™ Beads



Diameter

ø2.5 mm-4.0 mm

**KLS Beads**

- Titanium Alloy
- Enabling KLS Angulation
- Enabling KLS Compression

### Cortical Screws



Diameter

ø2.7 mm-4.5 mm

**Cortical Screw**

- Titanium Alloy
- Self-Tapping

## Instruments & Organization



### Supplement Set Color Guide

- Size 6.5 Specific Instruments
- Size 8 Specific Instruments
- Size 10 Specific Instruments

Item #	Description	
06.10.01	Drill Bit ø1.1 mm / L 85/60 mm	Drill Bit & Drill Stop
38.10.150	Drill Bit ø1.5 mm / L 110/85 mm	
38.10.200	Drill Bit ø2.0 mm / L 145/120 mm	
02.20.04	Drill Bit ø2.5 mm / L 145/120 mm	
02.23.12	Drill Bit ø2.7 mm / L 145/120 mm	
02.20.03	Drill Bit ø3.0 mm / L 145/120 mm	
06.10.07	Drill Bit ø3.2 mm / L 145/120 mm	
06.10.11	Drill Bit ø3.5 mm / L 147/120 mm	1
02.20.02	Drill Bit ø4.5 mm / L 145/120 mm	
06.15.01	Drill Stop ø1.1 mm	
06.15.02	Drill Stop ø1.5 mm	
06.15.04	Drill Stop ø2.0 mm	
02.20.13	Drill Stop ø2.5 mm	
02.20.12	Drill Stop ø3.0 mm	
06.15.07	Drill Stop ø3.2 mm	2
36.05.19	KLS Drill Sleeve ø2.0 mm / ø2.5 mm Locking	
36.20.01	KLS Drill Sleeve ø1.1 mm / ø1.5 mm Bead	
18.07.01	Distal Humerus drill sleeve ø2.0 / ø2.7	
36.05.20	KLS Drill Sleeve ø2.0 mm / ø3.0 mm Locking	
36.20.02	KLS Drill Sleeve ø1.5 mm / ø2.0 mm Bead	
18.07.02	Distal Humerus drill sleeve ø2.5 mm / ø3.5 mm	
36.10.40	KLS Drill Sleeve ø3.0 mm / ø4.0 mm Locking	4
36.20.04	KLS Drill Sleeve ø2.0 mm / ø3.0 mm Bead	5
18.07.03	Distal Humerus drill sleeve ø3.2 mm / ø4.5 mm	6
14.60.01	Screwdriver Handle (Small)	
06.60.03	Screwdriver Insert T4	
06.60.04	Screwdriver Insert T6	
06.60.07	Screwdriver Insert T8	
02.20.20	Screwdriver Insert T10	
06.60.08	Screwdriver Insert T15	
06.50.00	Mini Depth Gauge ø1.0 to ø1.6 mm (X-Small)	Various
06.50.02	Depth Gauge ø1.5 to ø3.0 mm (Medium)	
04.20.05	Depth Gauge ø2.7 to ø4.0 mm (Large)	
39.90.00	KLS Bead Removal Instrument	11
40.00.01	KLS Measuring Tool	
06.60.06	Screw Forceps	
82.30.01	KSS Tray / 29.5 mm General Purpose	Organization
82.10.01	KSS Lid for Tray for Instruments	
SAH.K2520	Vet Spectrum EverGreen Narrow Sterilization Container Silicone Mat (275x125mm)	
36.50.00	Surgical Fabric Wrap for Instruments	
SAH.K61966	Vet Spectrum EverGreen Narrow Sterilization Container Base (Non-Perforated), Short, 315 x 132 x 63 mm	
SAH.K61970	Vet Spectrum EverGreen Narrow Sterilization Container Lid, Grey	
SAH.K2744	Vet Spectrum EverGreen Narrow Teflon Reusable Filter (2000 Sterilization Cycles), 215 x 100 mm	

# Mini Fracture Plates ALPS-I

## ALPS® Technology

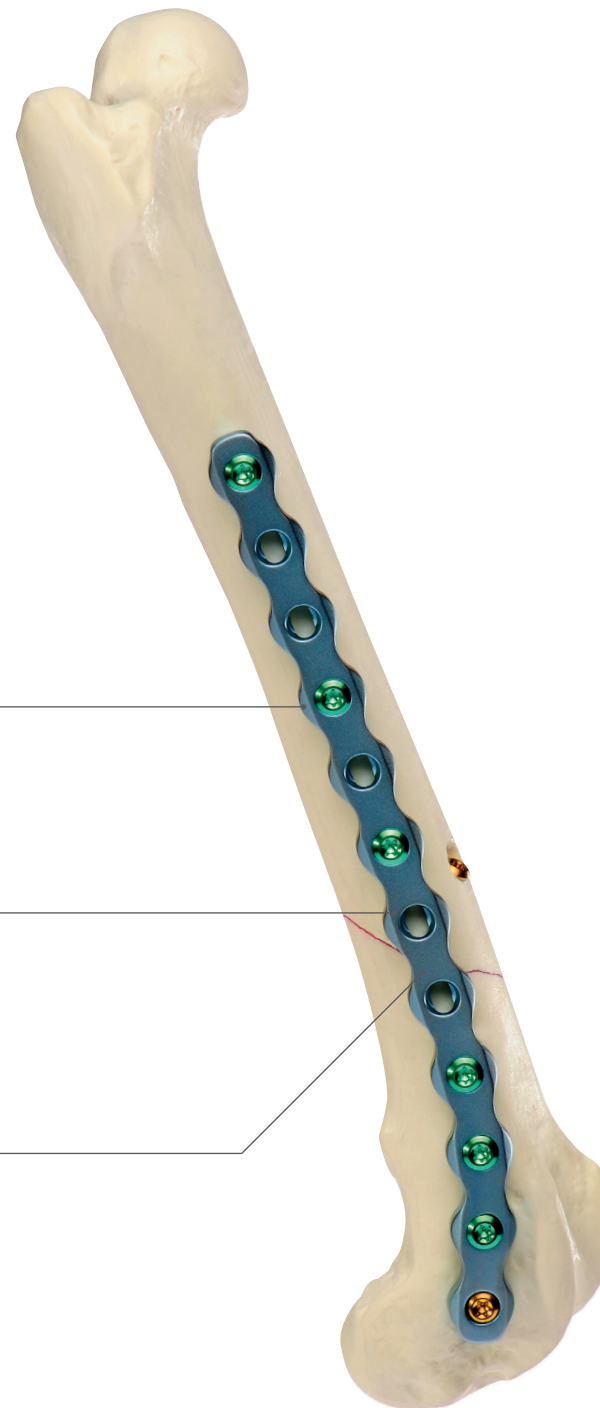
The design of all ALPS® plates minimizes the contact between plate and bone and preserve the vascular supply, designed to result in an accelerated healing process.

## Lightweight and Biocompatible

The mini ALPS-I plates are manufactured from Titanium alloy for supreme biocompatibility and strength, while being lighter than stainless steel plates. The implant weight is important when treating the smallest patients.

## Multipurpose Holes

Each hole of the mini ALPS-I plates is engineered to serve as a locking, angulation or compression hole. This allows one plate to adapt to every situation.



Learn more  
about ALPS-I:



[www.kyon.ch/mini-fracture](http://www.kyon.ch/mini-fracture)

## Mini Fracture Plates



Item #	Size	Width / Length	Holes	Screw Compatibility	ALPS-I Plate
05.00.20	Size 3.5	3.5 mm / 80 mm	20 holes	<ul style="list-style-type: none"> <li>• ø1.6 mm B-Locking (Locking)</li> <li>• ø1.0 mm Cortical Screw (Compression, Angulation)</li> </ul>	<ul style="list-style-type: none"> <li>• Titanium Alloy</li> <li>• ALPS Technology</li> <li>• Cuttable</li> <li>• Compression / Angulation</li> </ul>
05.01.20	Size 4	4.0 mm / 90 mm	20 holes	<ul style="list-style-type: none"> <li>• ø1.6 mm B-Locking (Locking)</li> <li>• ø1.0 mm Cortical Screw (Compression, Angulation)</li> </ul>	

## Screws

### B-Locking Screws



Item #	Size	ø1.6 mm B-Locking Screw
05.05.05- 05.05.10	5 mm - 10 mm (1.0 mm Increments)	<ul style="list-style-type: none"> <li>• Titanium Alloy</li> <li>• Self-Tapping</li> <li>• T4 Recess</li> </ul>

See page 70-81 for a complete list of available screws.

### Cortical Screws



Item #	Size	ø1.0 mm Cortical Screw
05.06.05 - 05.06.12	6 mm - 12 mm (1.0 mm Increments)	<ul style="list-style-type: none"> <li>• Titanium Alloy</li> <li>• Self-Tapping</li> <li>• T4 Recess</li> <li>• Compression / Angulation</li> </ul>

See page 70-81 for a complete list of available screws.

#### Supplement Set Color Guide

- For ø1.6 mm B-Locking Screw
- For ø1.0 mm Cortical Screw

## Instruments & Organization



Item #	Size	
06.10.00	Drill Bit ø0.7 mm / L 85/60 mm	Drill Bits & Drill Stops
06.10.01	Drill Bit ø1.1 mm / L 85/60 mm	
06.15.01	Drill Stop ø1.1 mm	
06.20.00	ALPS-I Drill Sleeve ø1.1 mm / B 1.6 mm Locking	1 Drill Sleeve
06.30.00	ALPS-I Drill Sleeve ø1.1 mm / ø0.7 mm Neutral	2
06.40.00	ALPS-I Drill Sleeve ø0.7 mm / ø1.0 mm Compression	3
06.60.03	Screwdriver Insert T4	Screwdriver
06.60.00	Mini Screwdriver Handle (X-Small)	
06.82.01	Mini Bending Jig 3.5 mm / In-Plane Bending	4 Bending Instruments
06.82.02	Mini Bending Jig 4.0 mm / In-Plane Bending	
06.50.00	Mini Depth Gauge ø1.0 to ø1.6 (X-Small)	Various
82.30.04	KSS Tray / 29.5 mm ALPS-I 3.5/4	Organization
82.10.01	KSS Lid for Tray / for Instruments	
SAH.K61966	Vet Spectrum EverGreen Narrow Sterilization Container Base (Non-Perforated), Short, 315 x 132 x 63 mm	
SAH.K61970	Vet Spectrum EverGreen Narrow Sterilization Container Lid, Grey	
SAH.K2744	Vet Spectrum EverGreen Narrow Teflon Reusable Filter (2000 Sterilization Cycles), 215 x 100 mm	

# Suture Anchors

## Anchors

Anchor



Item #	Size	
07.10.02	Mini Anchor / 2-Prongs	<b>Suture Anchor (Mini)</b> • Titanium Alloy
07.10.03	Mini Anchor / 3-Prongs	

## Instruments

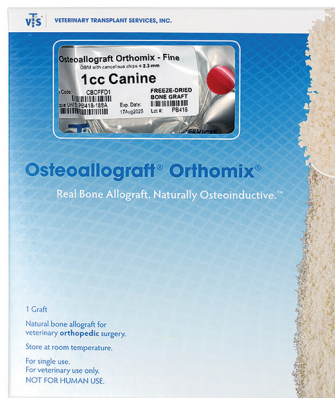


Item #	Product		
04.20.03	Drill Bit ø2.0 mm / L 102/75 mm	<b>Instruments</b>	
08.10.01	Mini Drill Guide ø2.0 mm / 2-Holes for Mini Anchor		<b>1</b>
08.10.02	Mini Drill guide ø2.0 mm / 3-Holes for Mini Anchor		
08.10.03	Mini Impactor / 2 Prongs for Mini Anchor		
08.10.04	Mini Impactor / 3 Prongs for Mini Anchor	<b>2</b>	

# Orthopedic Biologics

## Bone Graft

This product is manufactured by  
Veterinary Transplant Services, Inc.



Item #	Product	
03.70.14	Bone Graft 1 cc Orthomix®	<b>Orthomix®</b> • Osteoinductive Real Bone Allograft
03.70.15	Bone Graft 2 cc Orthomix®	
CBOUFFD0.5	CBOUFFD0.5 Orthomix ULTRA FINE DBM, Canine, Freeze Dried - 0.5cc	
CBOUFFD1	CBOUFFD1 Orthomix ULTRA FINE DBM, Canine, Freeze Dried - 1cc	
CBOFFD1	CBOFFD1 Orthomix FINE DBM, Canine, Freeze Dried - 1cc	
CBOFFD2	CBOFFD2 Orthomix FINE DBM, Canine, Freeze Dried - 2cc	
CBOFFD3	Orthomix FINE DBM, Canine, Freeze Dried - 3cc	

Item #	Product	
03.71.01	Bone Graft 1 cc Fusion Xpress™	<b>Fusion Xpress™</b> • Injectable Bone Putty
03.71.25	Bone graft 2.5 cc Fusion Xpress™	
FXBP 0.5CC	Fusion Express Injectable Bone Graft Putty - 0.5cc	
FXBP 1CC	Fusion Express Injectable Bone Graft Putty - 1cc	
FXBP 2.5CC	Fusion Express Injectable Bone Graft Putty - 2.5cc	

Item #	Product	
03.72.01	Bone Graft 1 cc FORTIGEN™-P	<b>FORTIGEN™-P</b> • Augmented Allograft • Engineered Surface Modifications
03.72.02	Bone Graft 2.5 cc FORTIGEN™-P	
FORTPFD0.5	Fortigen -P Augmented Bone Graft, ULTRA FINE, Freeze Dried - 0.5cc	
FORTPFD1	Fortigen -P Augmented Bone Graft, ULTRA FINE, Freeze Dried - 1cc	
FORTPFD2.5	Fortigen -P Augmented Bone Graft, ULTRA FINE, Freeze Dried - 2.5cc	

Item #	Product	
EBOXFD1	EBOXFD1 Ossiflex Bone Membrane, Equine, Freeze Dried - Size 1 (1cm x 1cm)	<b>Ossiflex</b> • Bone Membrane, Equine
EBOXFD2	EBOXFD2 Ossiflex Bone Membrane, Equine, Freeze Dried - Size 2 (1cm x 1.5cm)	
EBOXFD3	EBOXFD3 Ossiflex Bone Membrane, Equine, Freeze Dried - Size 3 (1.5cm x 2cm)	
EBOXFD3L	EBOXFD3L Ossiflex Bone Membrane, Equine, Freeze Dried - Size 3L (1.5cm x 4cm)	
EBOXFD4	EBOXFD4 Ossiflex Bone Membrane, Equine, Freeze Dried - Size 4 (2cm x 3cm)	

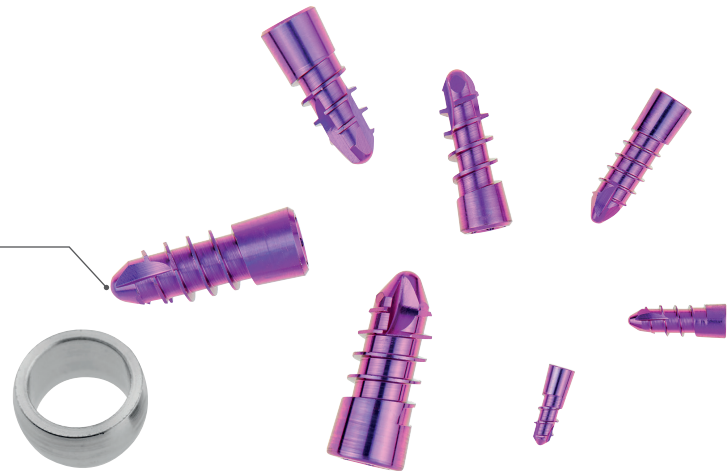
Item #	Product	
CBPFD0.3	CBPFD0.3 Periomix ULTRA FINE DBM, Canine, Freeze Dried - 0.3cc	<b>Periomix</b> • ULTRA FINE DBM, Canine
CBPFD0.5	CBPFD0.5 Periomix ULTRA FINE DBM, Canine, Freeze Dried - 0.5cc	
EBOXFD4	EBOXFD4 Ossiflex Bone Membrane, Equine, Freeze Dried - Size 4 (2cm x 3cm)	

Item #	Product	
SO5X1CC	SO5X1CC Synergy Pure Synthetic Bone Graft - 5cc (5 x 1cc doses)	<b>Synergy™</b> • Pure Synthetic Bone Graph

# Bone Screws

## KLS™. One Screw. Many Features.

The tapered head of the KLS™ screw allows for a precise, reliable and reversible coupling between the implant and the screw. In combination with a KLS™ Bead the locking screw can be transformed into a compression or variable angle screw.



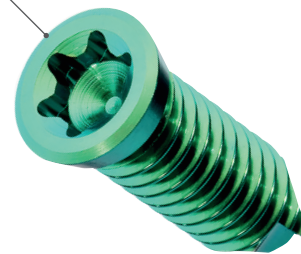
## A Screw for Every Occasion

The ideal pitch and thread depth, combined with the precisely engineered cutting flutes at the tip assure low insertion torque, clean-cut threads and a gap-free fit.



## Titanium Alloy

All screws are made from Ti alloys to increase the biocompatibility and thereby reducing the risk of tissue reactions.



## KYON Locking Screw (KLS™)



Item #	Length	
40.15.05	5 mm	<b>ø1.5 mm KLS</b>
40.15.06	6 mm	• Titanium Alloy
40.15.08	8 mm	• Self-Tapping
40.15.10	10 mm	• T4 Recess
40.15.12	12 mm	• Drill Bit 1.1 mm
40.15.14	14 mm	
40.15.16	16 mm	
40.15.18	18 mm	
40.15.20	20 mm	
40.15.22	22 mm	
40.15.24	24 mm	

Item #	Length	
40.20.06	6 mm	<b>ø2.0 mm KLS</b>
40.20.07	7 mm	• Titanium Alloy
40.20.08	8 mm	• Self-Tapping
40.20.09	9 mm	• T6 Recess
40.20.10	10 mm	• Drill Bit 1.5 mm
40.20.11	11 mm	
40.20.12	12 mm	
40.20.13	13 mm	
40.20.14	14 mm	
40.20.16	16 mm	
40.20.18	18 mm	
40.20.20	20 mm	
40.20.22	22 mm	
40.20.24	24 mm	
40.20.26	26 mm	
40.20.28	28 mm	
40.20.30	30 mm	

Item #	Length	
40.25.06	6 mm	<b>ø2.5 mm KLS</b>
40.25.07	7 mm	• Titanium Alloy
40.25.08	8 mm	• Self-Tapping
40.25.09	9 mm	• T6 Recess
40.25.10	10 mm	• Drill Bit 2.0 mm
40.25.11	11 mm	
40.25.12	12 mm	
40.25.13	13 mm	
40.25.14	14 mm	
40.25.16	16 mm	
40.25.18	18 mm	
40.25.20	20 mm	
40.25.22	22 mm	
40.25.24	24 mm	
40.25.26	26 mm	
40.25.28	28 mm	
40.25.30	30 mm	
40.25.32	32 mm	
40.25.34	34 mm	
40.25.36	36 mm	
40.25.38	38 mm	
40.25.40	40 mm	

Item #	Length	
40.30.08	8 mm	<b>ø3.0 mm KLS</b>
40.30.10	10 mm	• Titanium Alloy
40.30.12	12 mm	• Self-Tapping
40.30.14	14 mm	• T8 Recess
40.30.16	16 mm	• Drill Bit 2.0 mm
40.30.18	18 mm	
40.30.20	20 mm	
40.30.22	22 mm	
40.30.24	24 mm	
40.30.26	26 mm	
40.30.28	28 mm	
40.30.30	30 mm	
40.30.32	32 mm	
40.30.34	34 mm	
40.30.36	36 mm	
40.30.38	38 mm	
40.30.40	40 mm	

## KYON Locking Screw KLS™



Item #	Length	
40.35.08	8 mm	<b>ø3.5 mm KLS</b>
40.35.10	10 mm	• Titanium Alloy
40.35.12	12 mm	• Self-Tapping
40.35.14	14 mm	• T10 Recess
40.35.16	16 mm	• Drill Bit 2.5 mm
40.35.18	18 mm	
40.35.20	20 mm	
40.35.22	22 mm	
40.35.24	24 mm	
40.35.26	26 mm	
40.35.28	28 mm	
40.35.30	30 mm	
40.35.32	32 mm	
40.35.34	34 mm	
40.35.36	36 mm	
40.35.38	38 mm	
40.35.40	40 mm	
40.35.42	42 mm	
40.35.44	44 mm	
40.35.46	46 mm	
40.35.48	48 mm	
40.35.50	50 mm	

Item #	Length	
40.40.12	12 mm	<b>ø4.0 mm KLS</b>
40.40.14	14 mm	• Titanium Alloy
40.40.16	16 mm	• Self-Tapping
40.40.18	18 mm	• T15 Recess
40.40.20	20 mm	• Drill Bit 3.0 mm
40.40.22	22 mm	
40.40.24	24 mm	
40.40.26	26 mm	
40.40.28	28 mm	
40.40.30	30 mm	
40.40.32	32 mm	
40.40.34	34 mm	
40.40.36	36 mm	
40.40.38	38 mm	
40.40.40	40 mm	
40.40.42	42 mm	
40.40.44	44 mm	
40.40.46	46 mm	
40.40.48	48 mm	
40.40.50	50 mm	

Item #	Length	
40.45.12	12 mm	<b>ø4.5 mm KLS</b>
40.45.14	14 mm	• Titanium Alloy
40.45.16	16 mm	• Self-Tapping
40.45.18	18 mm	• T15 Recess
40.45.20	20 mm	• Drill Bit 3.5 mm
40.45.22	22 mm	
40.45.24	24 mm	
40.45.26	26 mm	
40.45.28	28 mm	
40.45.30	30 mm	
40.45.32	32 mm	
40.45.34	34 mm	
40.45.36	36 mm	
40.45.38	38 mm	
40.45.40	40 mm	
40.45.42	42 mm	
40.45.44	44 mm	
40.45.46	46 mm	
40.45.48	48 mm	
40.45.50	50 mm	
40.45.52	52 mm	
40.45.54	54 mm	
40.45.56	56 mm	
40.45.58	58 mm	
40.45.60	60 mm	

## Beads for KLS™

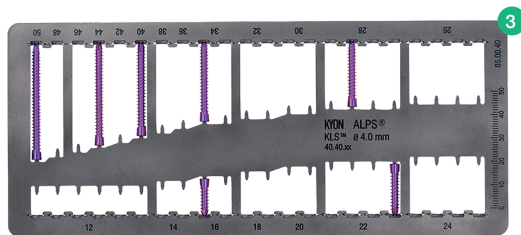
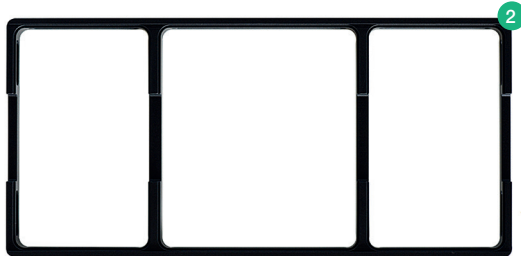
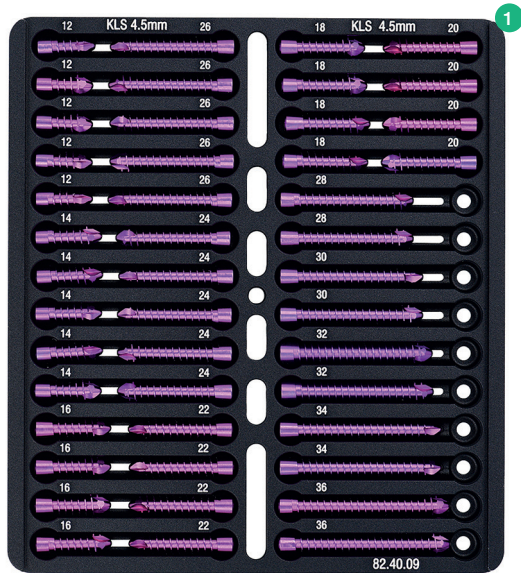


Item #	Screw Hole Diameter/ KLS Diameter	
39.25.15	KLS Bead ø2.5 mm / ø1.5 mm	<b>KLS Beads</b> • Titanium Alloy • For Compression and Angulation of KYON Locking Screws
39.30.20	KLS Bead ø3 mm / ø2 mm	
39.35.25	KLS Bead ø3.5 mm / ø2.5 mm	
39.40.30	KLS Bead ø4 mm / ø3 mm	
39.45.35	KLS Bead ø4.5 mm / ø3.5 mm	
39.90.00	KLS Bead Removal Instrument	

## KLS™ Specific Instruments

Item #	Screw Hole Diameter/ KLS Diameter	
36.35.15	KLS Temporary fixation peg / Ø1.5 mm k-wire 0.7 mm	<b>KLS Instruments</b>
36.35.20	KLS Temporary fixation peg / Ø2.0 mm k-wire 1.2 mm	
36.35.30	KLS Temporary fixation peg / Ø3.0 mm k-wire 1.2 mm	
36.35.35	KLS Temporary fixation peg / Ø3.5 mm k-wire 1.6 mm	
36.35.40	KLS Temporary fixation peg / Ø4.0 mm k-wire 1.6 mm	
36.35.45	KLS Temporary fixation peg / Ø4.5 mm k-wire 1.6 mm	
40.00.01	KLS Measuring Tool	
39.90.00	KLS Bead Removal Instrument	

## KYON Sterilization System (KSS) - KLS™



Item #	Description	Center / Side	
82.41.13	ø1.5 mm KLS	Side	<b>KSS Drawer for KLS™</b> <ul style="list-style-type: none"> <li>• Aluminum</li> <li>• Hard Metal Coating</li> <li>• Secure Sterilization</li> </ul>
82.41.10	ø2.0 mm KLS	Side	
82.41.16	ø2.5 mm KLS	Side	
82.41.17	ø2.5 mm KLS long	Side	
82.40.07	ø3.0 mm KLS	Center	
82.40.06	ø3.5 mm KLS	Center	
82.40.05	ø4.0 mm KLS	Center	
82.41.05	ø4.0 mm KLS long	Side	
82.41.15	ø4.5 mm KLS long	Side	
82.40.09	ø4.5 mm KLS	Center	
82.20.01	KSS Rack / 21 mm	Both	<b>KSS Organization</b> <ul style="list-style-type: none"> <li>• Rack accommodates 4 KSS Side Drawers &amp; 2 KSS Center Drawers</li> </ul>
82.10.11	KSS Lid	Center	
82.11.11	KSS Lid	Side	
85.00.20	KLS Rack 2.0 mm		<b>KLS Rack</b> <ul style="list-style-type: none"> <li>• Titanium Alloy</li> <li>• Minimal Screw Contact</li> </ul>
85.00.25	KLS Rack 2.5 mm		
85.00.30	KLS Rack 3.0 mm		
85.00.35	KLS Rack 3.5 mm		
85.00.40	KLS Rack 4.0 mm		
85.00.45	KLS Rack 4.5 mm		

## B-Locking Screw



Item #	Length	
05.05.05	5 mm	<b>ø1.6 mm B-Locking</b>
05.05.06	6 mm	• Titanium Alloy
05.05.07	7 mm	• Self-Tapping
05.05.08	8 mm	• T4 Recess
05.05.09	9 mm	• Drill Bit 0.7 mm
05.05.10	10 mm	

Item #	Length	
05.15.05	5 mm	<b>ø2.4 mm B-Locking</b>
05.15.06	6 mm	• Titanium Alloy
05.15.08	8 mm	• Self-Tapping
05.15.10	10 mm	• T6 Recess
05.15.12	12 mm	• Drill Bit 1.5 mm
05.15.14	14 mm	
05.15.16	16 mm	

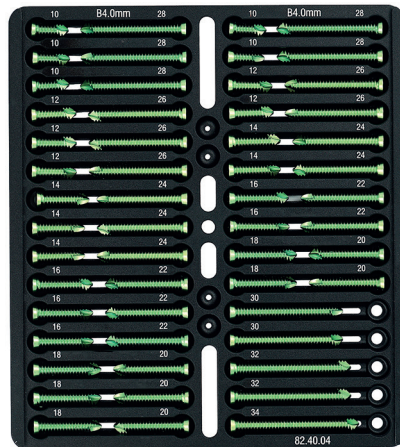
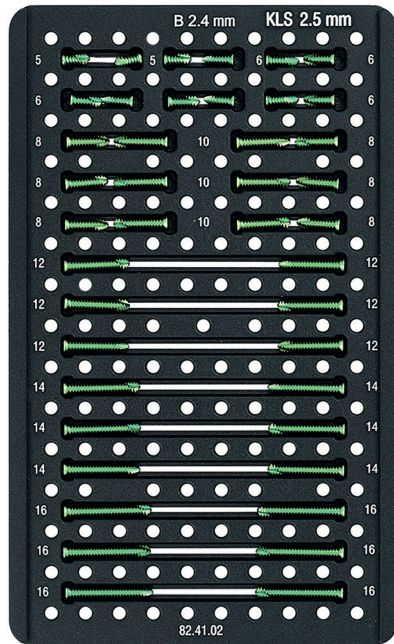
Item #	Length	
05.25.06	6 mm	<b>ø3.2 mm B-Locking</b>
05.25.08	8 mm	• Titanium Alloy
05.25.10	10 mm	• Self-Tapping
05.25.12	12 mm	• T10 Recess
05.25.14	14 mm	• Drill Bit 2.5 mm
05.25.16	16 mm	
05.25.18	18 mm	
05.25.20	20 mm	
05.25.22	22 mm	
05.25.24	24 mm	
05.25.26	26 mm	
05.25.28	28 mm	
05.25.30	30 mm	

Item #	Length	
05.35.10	10 mm	<b>ø4.0 mm B-Locking</b>
05.35.12	12 mm	• Titanium Alloy
05.35.14	14 mm	• Self-Tapping
05.35.16	16 mm	• T10 Recess
05.35.18	18 mm	• Drill Bit 3.2 mm
05.35.20	20 mm	
05.35.22	22 mm	
05.35.24	24 mm	
05.35.26	26 mm	
05.35.28	28 mm	
05.35.30	30 mm	
05.35.32	32 mm	
05.35.34	34 mm	

Item #	Length	
05.45.10	10 mm	<b>ø4.8 mm B-Locking</b>
05.45.12	12 mm	• Titanium Alloy
05.45.14	14 mm	• Self-Tapping
05.45.16	16 mm	• T15 Recess
05.45.18	18 mm	
05.45.20	20 mm	

Item #	Length	
05.55.18	18 mm	<b>ø6.5 mm B-Locking</b>
05.55.20	20 mm	• Titanium Alloy
05.55.22	22 mm	• Self-Tapping
05.55.24	24 mm	• T30 Recess
05.55.26	26 mm	• Drill Bit 5.0 mm
05.55.28	28 mm	

## KYON Sterilization System (KSS) - B-Locking Screw



Item #	Center / Side	Description	
82.41.07	Side	ø1.6 mm B-Locking	<b>KSS Drawer for B-Locking Screw</b> <ul style="list-style-type: none"> <li>• Aluminum</li> <li>• Hard Metal Coating</li> <li>• Secure Sterilization</li> </ul>
82.41.02	Side	ø2.4 mm B-Locking	
82.40.03	Center	ø3.2 mm B-Locking	
82.40.04	Center	ø4.0 mm B-Locking	
82.20.01	Both	KSS Rack / 21 mm	<b>KSS Organization</b> <ul style="list-style-type: none"> <li>• Rack accommodates 4 KSS Side Drawers &amp; 2 KSS Center Drawers</li> </ul>
82.10.11	Center	KSS Lid	
82.11.11	Side	KSS Lid	

BONE SCREW

**Cortical Screws**



Item #	Length	
05.06.05	5 mm	<b>ø1.0 mm Cortical Screw</b> <ul style="list-style-type: none"> <li>• Titanium Alloy</li> <li>• Self-Tapping</li> <li>• T4 Recess</li> <li>• Drill Bit 0.7 mm</li> </ul>
05.06.06	6 mm	
05.06.07	7 mm	
05.06.08	8 mm	
05.06.09	9 mm	
05.06.10	10 mm	
05.06.11	11 mm	
05.06.12	12 mm	

Item #	Length	
05.16.05	5 mm	<b>ø1.5 mm Cortical Screw</b> <ul style="list-style-type: none"> <li>• Titanium Alloy</li> <li>• Self-Tapping</li> <li>• T6 Recess</li> <li>• Drill Bit 1.1 mm</li> </ul>
05.16.06	6 mm	
05.16.07	7 mm	
05.16.08	8 mm	
05.16.10	10 mm	
05.16.12	12 mm	
05.16.14	14 mm	
05.16.16	16 mm	
05.16.18	18 mm	
05.16.20	20 mm	
05.16.22	22 mm	
05.16.30	30 mm	

Item #	Length	
05.26.08	8 mm	<b>ø2.4 mm Cortical Screw</b> <ul style="list-style-type: none"> <li>• Titanium Alloy</li> <li>• Self-Tapping</li> <li>• T10 Recess</li> <li>• Drill Bit 1.8 mm</li> </ul>
05.26.10	10 mm	
05.26.12	12 mm	
05.26.14	14 mm	
05.26.16	16 mm	
05.26.18	18 mm	
05.26.20	20 mm	
05.26.22	22 mm	
05.26.24	24 mm	
05.26.26	26 mm	
05.26.28	28 mm	
05.26.30	30 mm	
05.26.32	32 mm	
05.26.34	34 mm	
05.26.36	36 mm	
05.26.38	38 mm	
05.26.40	40 mm	

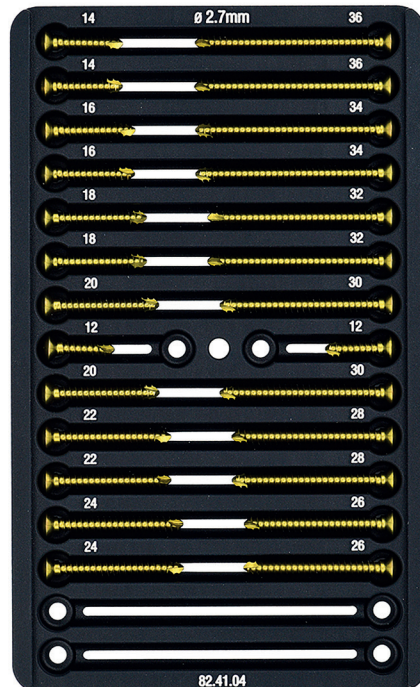
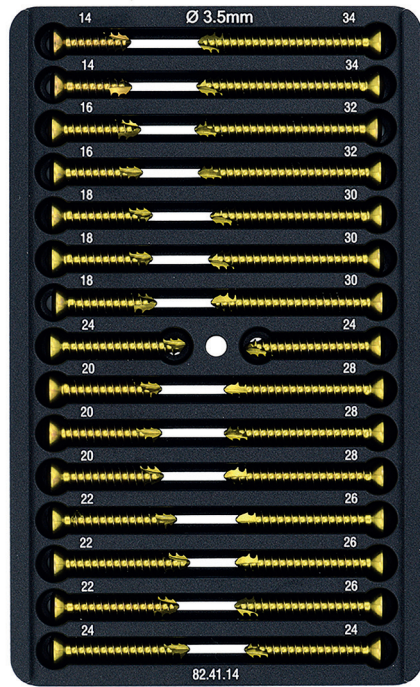
Item #	Length	
05.46.14	14 mm	<b>ø3.5 mm Cortical Screw</b> <ul style="list-style-type: none"> <li>• Titanium Alloy</li> <li>• Self-Tapping</li> <li>• T10 Recess</li> <li>• Drill Bit 2.5 mm</li> </ul>
05.46.16	16 mm	
05.46.18	18 mm	
05.46.20	20 mm	
05.46.22	22 mm	
05.46.24	24 mm	
05.46.26	26 mm	
05.46.28	28 mm	
05.46.30	30 mm	
05.46.32	32 mm	
05.46.34	34 mm	

Item #	Length	
05.36.12	12 mm	<b>ø2.7 mm Cortical Screw</b> <ul style="list-style-type: none"> <li>• Titanium Alloy</li> <li>• Self-Tapping</li> <li>• T10 Recess</li> <li>• Drill Bit 2.0 mm</li> </ul>
05.36.14	14 mm	
05.36.16	16 mm	
05.36.18	18 mm	
05.36.20	20 mm	
05.36.22	22 mm	
05.36.24	24 mm	
05.36.26	26 mm	
05.36.28	28 mm	
05.36.30	30 mm	
05.36.32	32 mm	
05.36.34	34 mm	

Item #	Length	
05.56.18	18 mm	<b>ø4.5 mm Cortical Screw</b> <ul style="list-style-type: none"> <li>• Titanium Alloy</li> <li>• Self-Tapping</li> <li>• T15 Recess</li> <li>• Drill Bit 3.2 mm</li> </ul>
05.56.20	20 mm	
05.56.22	22 mm	
05.56.24	24 mm	
05.56.26	26 mm	
05.56.28	28 mm	
05.56.30	30 mm	
05.56.32	32 mm	
05.56.34	34 mm	
05.56.36	36 mm	
05.56.38	38 mm	
05.56.40	40 mm	
05.56.42	42 mm	
05.56.44	44 mm	
05.56.46	46 mm	
05.56.48	48 mm	
05.56.50	50 mm	
05.56.52	52 mm	
05.56.54	54 mm	
05.56.56	56 mm	
05.56.58	58 mm	
05.56.60	60 mm	

BONE SCREW

**KYON Sterilization System (KSS) - Cortical Screw**



Item #	Center / Side	Description	
82.41.06	Side	ø1.0 mm CS	<b>KSS Drawer for CS / CSS</b> <ul style="list-style-type: none"> <li>• Aluminum</li> <li>• Hard Metal Coating</li> <li>• Secure Sterilization</li> </ul>
82.41.12	Side	ø1.5 mm CS	
82.41.03	Side	ø2.4 mm CS	
82.41.04	Side	ø2.7 mm CS	
82.41.14	Side	ø3.5 mm CS	
82.20.01	Both	KSS Rack / 21 mm	<b>KSS Organization</b> <ul style="list-style-type: none"> <li>• Rack accommodates 4 KSS Side Drawers &amp; 2 KSS Center Drawers</li> </ul>
82.10.11	Center	KSS Lid	
82.11.11	Side	KSS Lid	

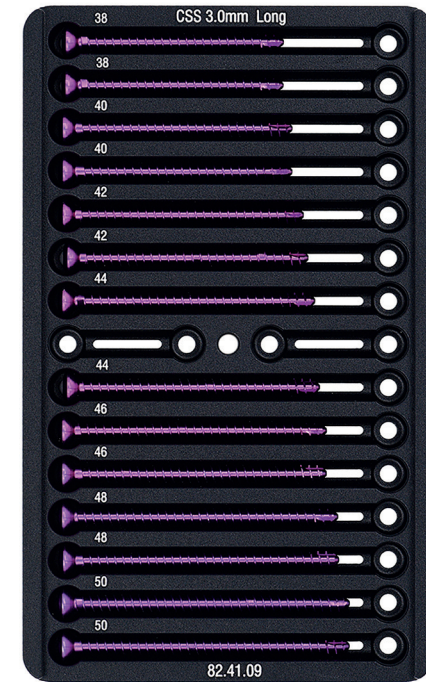
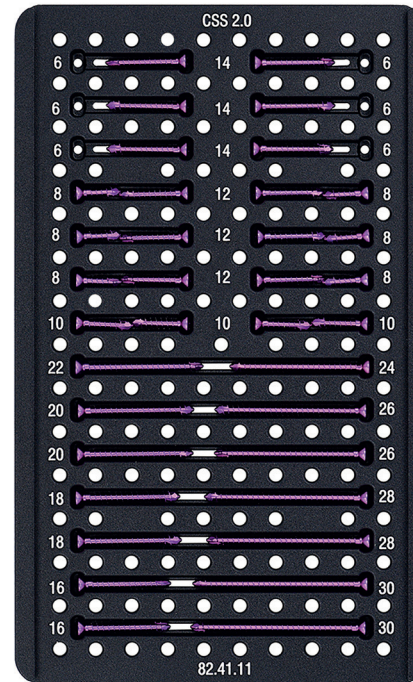
## Cortical Specialty Screws



Item #	Length	
41.20.08	8 mm	<b>ø2.0 mm Cortical Specialty Screw</b> <ul style="list-style-type: none"> <li>• Titanium Alloy</li> <li>• Self-Tapping</li> <li>• T8 Recess</li> <li>• Drill Bit 1.5 mm</li> </ul>
41.20.10	10 mm	
41.20.12	12 mm	
41.20.14	14 mm	
41.20.16	16 mm	
41.20.18	18 mm	
41.20.20	20 mm	
41.20.22	22 mm	
41.20.24	24 mm	
41.20.26	26 mm	
41.20.28	28 mm	
41.20.30	30 mm	






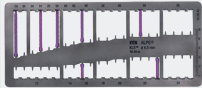
Item #	Length	
41.30.10	10 mm	<b>ø3.0 mm Cortical Specialty Screw</b> <ul style="list-style-type: none"> <li>• Titanium Alloy</li> <li>• Self-Tapping</li> <li>• T15 Recess</li> <li>• Drill Bit 2.0 mm</li> </ul>
41.30.12	12 mm	
41.30.14	14 mm	
41.30.16	16 mm	
41.30.18	18 mm	
41.30.20	20 mm	
41.30.22	22 mm	
41.30.24	24 mm	
41.30.26	26 mm	
41.30.28	28 mm	
41.30.30	30 mm	
41.30.32	32 mm	
41.30.34	34 mm	
41.30.36	36 mm	
41.30.38	38 mm	
41.30.40	40 mm	
41.30.42	42 mm	
41.30.44	44 mm	
41.30.46	46 mm	
41.30.48	48 mm	
41.30.50	50 mm	




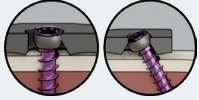



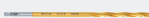



## KYON Sterilization System (KSS) - Cortical Specialty Screw



Item #	Description	Center / Side	
82.41.11	ø2.0 mm CSS	Side	<b>KSS Drawer for CS / CSS</b> <ul style="list-style-type: none"> <li>• Aluminum</li> <li>• Hard Metal Coating</li> <li>• Secure Sterilization</li> </ul>
82.41.09	ø3.0 mm CSS long	Side	
82.41.08	ø3.0 mm CSS	Side	

Item #	Description	Center / Side	
82.20.01	KSS Rack / 21 mm	Both	<b>KSS Organization</b> <ul style="list-style-type: none"> <li>• Rack accommodates 4 KSS Side Drawers &amp; 2 KSS Center Drawers</li> </ul>
82.10.11	KSS Lid	Center	
82.11.11	KSS Lid	Side	

KLS™ Screw		ø1.5 mm (T4)	ø2.0 mm (T6)	ø2.5 mm (T6)	ø3.0 mm (T8)
ALPS® Systems Compatible (Locking)		<ul style="list-style-type: none"> <li>ALPS TPLO (Size 4)</li> </ul>	<ul style="list-style-type: none"> <li>ALPS TPLO (Size 5, Size 6)</li> </ul>	<ul style="list-style-type: none"> <li>ALPS-II/IIS (Size 5, Size 6.5)</li> <li>ALPS FUSE (Size 8)</li> <li>ALPS AcetFx (All Sizes)</li> <li>ALPS Distal Humerus (Size 6.5)</li> </ul>	<ul style="list-style-type: none"> <li>ALPS-II/IIS (Size 8)</li> <li>ALPS FUSE (Size 8, Size9)</li> <li>ALPS TPLO (Size 7)</li> <li>ALPS Distal Humerus (Size 8)</li> <li>ALPS DPO (Size Small)</li> </ul>
KLS Drill Sleeve Locking		ø1.1 mm (36.05.11)	ø1.5 mm (36.05.15)	ø2.0 mm (36.05.19)	ø2.0 mm (36.05.20)
ALPS® Systems Compatible (Angulation / Compression)		<ul style="list-style-type: none"> <li>ALPS-II/IIS (Size 5, Size 6.5)</li> <li>ALPS FUSE (Size 8)</li> <li>ALPS Distal Humerus (Size 6.5)</li> </ul>	<ul style="list-style-type: none"> <li>ALPS-II/IIS (Size 8)</li> <li>ALPS FUSE (Size 8, Size 9)</li> <li>ALPS Distal Humerus (Size 8)</li> </ul>	<ul style="list-style-type: none"> <li>ALPS-II/IIS (Size 9)</li> <li>ALPS FUSE (Size 9, Size 10)</li> </ul>	<ul style="list-style-type: none"> <li>ALPS-II/IIS (Size 10, Size 11)</li> <li>ALPS FUSE (Size 10, Size 11)</li> <li>ALPS Distal Humerus (Size 10)</li> </ul>
KLS Beads		ø2.5 mm / ø1.5 mm (39.25.15)	ø3.0 mm / ø2.0 mm (39.30.20)	ø3.5 mm / ø2.5 mm (39.35.25)	ø4.0 mm / ø3.0 mm (39.40.30)
Drill Sleeve Angulation		ø1.1 mm (36.20.01)	ø1.5 mm (36.20.02)	ø2.0 mm (36.20.03)	ø2.0 mm (36.20.04)
Drill Sleeve Compression		ø1.1 mm (36.25.01)	ø1.5 mm (36.25.02)	ø2.0 mm (36.25.03)	ø2.0 mm (36.25.04)
Drill bit		ø1.1 mm L 85/60 (06.10.01)	ø1.5 mm L 110/85 (38.10.150)	ø2.0 mm L 145/120 (38.10.200)	ø2.0 mm L 145/120 (38.10.200)
Drill stop		ø1.1 mm (06.15.01)	ø1.5 mm (06.15.02)	ø2.0 mm (06.15.04)	ø2.0 mm (06.15.04)
KLS Rack			KLS Rack 2.0 (85.00.20)	KLS Rack 2.5 (85.00.25)	KLS Rack 3.0 (85.00.30)
KSS Drawer		Side KLS 1.5 (82.41.13)	Side KLS 2.0 (82.41.10)	Side KLS 2.5 short / long (82.41.16/82.41.17)	Center KLS 3.0 (82.40.07)

KLS™ Screw		ø3.5 mm (T10)	ø4.0 mm (T15)	ø4.5 mm (T15)
ALPS® Systems Compatible (Locking)		<ul style="list-style-type: none"> <li>ALPS-II/IIS (Size 9)</li> <li>ALPS FUSE (Size 9, Size 10)</li> <li>ALPS TPLO (Size 9)</li> <li>ALPS PAUL-II (Size 8, Size 9)</li> </ul>	<ul style="list-style-type: none"> <li>ALPS-II/IIS (Size 10, Size 11)</li> <li>ALPS FUSE (Size 10, Size 11)</li> <li>ALPS TPLO (Size 10)</li> <li>ALPS Distal Humerus (Size 10)</li> <li>ALPS DPO (Size Large)</li> </ul>	<ul style="list-style-type: none"> <li>ALPS FUSE (Size 11)</li> <li>ALPS TPLO (Size 12)</li> <li>ALPS PAUL-II (Size 10, Size 11)</li> </ul>
KLS Drill Sleeve Locking		ø2.5 mm (36.05.25)	ø3.0 mm (36.10.40) ø3.0 mm DPO (34.20.40)	ø3.5 mm (36.05.35)
ALPS® Systems Compatible (Angulation / Compression)		<ul style="list-style-type: none"> <li>ALPS FUSE (Size 11)</li> </ul>		
KLS Beads		ø4.5 mm / ø3.5 mm (39.45.35)		
Drill Sleeve Angulation		ø2.5 mm (36.20.05)		
Drill Sleeve Compression		ø2.5 mm (36.25.05)		
Drill bit		ø2.5 mm L 145/120 (02.20.04)	ø3.0 mm L 145/120 (02.20.03)	ø3.5 mm L 147/120 (06.10.11)
Drill stop		ø2.5 mm (02.20.13)	ø3.0 mm (02.0.12)	ø3.5 mm (06.15.08)
KLS Rack		KLS Rack 3.5 (85.00.35)	KLS Rack 4.0 (85.00.40)	
KSS Drawer		Center KLS 3.5 (82.40.06)	Side/Center KLS 4.0 (82.41.05/82.40.05)	Side/Center KLS 4.5 (82.41.15/82.40.09)

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## Our Instrument Lines

 **Spectrum**  
Operating Room quality  
for General Practice

 **VetSpectrum**  
Premium quality for Specialty  
& Referral Hospitals

*\*For full repair and return policy information, please visit our website.*

# Surgical Instrument Cleaning Solutions

## ULTRASONIC CLEANER SOLUTION FOR SURGICAL INSTRUMENTS

- Low suds detergent with rust inhibitor for your ultrasonic cleaner
- Safe for metals, glass, rubber and plastic

Item # SAH.CST-400 LF



## INSTRUMENT DETERGENT CONCENTRATE

Manual cleaning soap for surgical instruments

- High-suds detergent
- Neutral pH
- Contains a rust inhibitor
- Fast, easy application
- Safe for metals, glass, rubber, and plastic

Item # SAH.CST-401



## INSTRUMENT SPRAY LUBRICANT

Instrument spray-on lubricant

- Eliminate messy instrument baths
- Fast and easy application
- Helps prolong instrument life
- Neutral pH, non-milky formula
- Contains rust inhibitor

Item # SAH.SS3A



## AUTOClave CLEANER/DESCALER

All purpose sterilizer/autoclave cleaner

- Helps reduce deposits and stains on the inside of the chamber
- Assists sterilizer in operating more efficiently
- 22 oz. spray bottle
- Fast, easy application

Item # SAH.SS4A



## ENZYMATIC FOAM SPRAY

Wetting solution for surgical instruments

- Helps prevent blood from drying on instruments and keeps them moist longer
- Fast, easy application
- Neutral pH
- 22 oz. spray bottle

Item # SAH.SS6A



## SPECTRA-SCRUB®

Powdered stain remover for stainless steel instruments

- Easy to use
- Removes tough stains
- Citric base, no fumes
- Non-abrasive
- 8 oz. container

Item # SAH.SS7



## OPTI-CIDE3® RI INSTRUMENT SOAK WITH RUST INHIBITOR

“Cold Soak” solution that is safe and effective for your surgical instruments

- No mixing or diluting; pour desired amount
- Neutral pH
- Built in rust inhibitor
- Safe for metals, glass, rubber, and plastic
- 1 Gallon Bottle

Item # SAH.OCP04-128RI



## REVITAL-OX™ ENZYMATIC DETERGENTS

Low-foaming and safe for instruments and scopes.

- Free rinsing
- Neutral pH
- Contain biodegradable ingredients
- 2x concentrated
- 1.4L Bottle

Item # SAH.2D99-AW



## DYE & FRAGRANCE FREE ALSO AVAILABLE!

Item # SAH.2D97-AW

## 0.8 GALLON MACHINE

Item # SAH.300-301

## BASKET

Item # SAH.CP-14-M



## BRUSH

Nylon Bristle, Plastic Handle, 3 per package

Item # SAH.45-303N



## BRUSH

Stainless Steel Bristle, Plastic Handle, 3 per package

Item # SAH.45-303SS

Ultrasonic Cleaning Tank Inside Dimensions  
9.38" (L) x 5.38" (W) x 4" (D)

## REPLACEMENT PARTS

Drain Hose, elbow with clip Item # SAH.098-015

Drain Screen Item # SAH.078-003

Knob Item # SAH.035-001

## General Surgery & Spay Packs

### General Surgery Pack:

Qt.	Item #	Description
1	SAH.276ML	Snook Hook
1	SAH.40-5031	Olsen-Hegar Needle Holder, 5.5", TC
1	SAH.50-1171	Mayo Scissor, 6.75", Straight
1	SAH.50-1231	Metzenbaum Nelson Scissor, 7", Curved
1	SAH.30-357B	Adson Brown Forcep, 4.75", 9x9 Teeth
1	SAH.22-2381	#3 Knife Handle
4	SAH.60-2221	Backhaus Towel Forcep, 5.25"
3	SAH.60-1831	Halsted Mosquito Forcep, 5", Curved
2	SAH.60-1881	Kelly Forcep, 5.5", Straight
4	SAH.60-2151	Rochester-Carmalt Forcep, 6.25", Curved
1	SAH.1002-HPT	Tray, 10"x6.5"x2", <i>included in 54-992 Pack</i>



#### General Surgery Pack without Tray

Item # SAH.54-299

#### General Surgery Pack with Tray

Item # SAH.54-992

### Feline Spay Pack:

Qt.	Item #	Description
1	SAH.22-2381	Knife Handle, #3
1	SAH.276ML	Snook Hook, 8", 6mm
1	SAH.30-357B	Adson-Brown Forcep, 4.75", 9x9 Teeth
1	SAH.40-5031	Olsen-Hegar Needle Holder, 5.5", Tungsten Carbide
1	SAH.50-1231	Metzenbaum (Nelson) Scissor, 7", Curved
2	SAH.60-1831	Halsted Mosquito Forcep, 5", Curved
2	SAH.60-1881	Kelly Forcep, 5.5", Straight
2	SAH.60-2141	Rochester-Carmalt Forcep, 6.25", Straight
2	SAH.60-2151	Rochester-Carmalt Forcep, 6.25", Curved
4	SAH.60-2231	Backhaus Towel Forcep, 3.5"



#### Feline Spay Pack

Item # SAH.54-293

### Canine Spay Pack:

Qt.	Item #	Description
1	SAH.22-2381	Knife Handle, #3
1	SAH.276ML	Snook Hook, 8", 6mm
1	SAH.30-357B	Adson-Brown Forcep, 4.75", 9x9 Teeth
1	SAH.40-5031	Olsen-Hegar Needle Holder, 5.5", Tungsten Carbide
1	SAH.50-1171	Mayo Scissor, 6.75", Straight
1	SAH.50-1231	Metzenbaum (Nelson) Scissor, 7", Curved
2	SAH.60-1831	Halsted Mosquito Forcep, 5", Curved
2	SAH.60-1881	Kelly Forcep, 5.5", Straight
2	SAH.60-2141	Rochester-Carmalt Forcep, 6.25", Straight
2	SAH.60-2151	Rochester-Carmalt Forcep, 6.25", Curved
4	SAH.60-2231	Backhaus Towel Forcep, 3.5"
1	SAH.60-3851	Allis Forcep, 6", 4x5 Teeth



#### Canine Spay Pack

Item # SAH.54-296

# Orthopedic Packs

## Orthopedic Surgery Pack Advanced - Starter

Item # SAH.EV811240

Qt.	Item #	Description
2	SAH.002542	Vet Spectrum Senn Retractor 6.25in 3 Prongs Sharp
1	SAH.700391	Spectrum Weitlaner Retractor 3x4 Prongs Sharp 5.5in
1	SAH.701696	Spectrum Gigli Saw Handles-Set Of 2
1	SAH.701697	Spectrum Gigli Wire Saw 12in
1	SAH.701793	Vet Spectrum Kern Bone Holding Forceps 5.75in Serrated Jaws 2x2 With Ratchet
1	SAH.701794	Vet Spectrum Kern Bone Holding Forceps 8.5in Serrated Jaws 2x2 With Ratchet
1	SAH.713670	Vet Spectrum Mead Mallet 7.5in 320 Grams With Replaceable Nylon Caps
1	SAH.702853	Vet Spectrum Volkman Curette-Size 0 Oval 7in
6	1035	K-Wire 0.035" x 9" – pkg 6
6	1045	K-Wire 0.045" x 9" – pkg 6
2	11116	Intramedullary Pins, Partial Thread 1/16" x 9"
2	11964	Intramedullary Pins, Partial Thread 9/64" x 9"
2	11764	Intramedullary Pins, Partial Thread 7/64" x 9"
2	11532	Intramedullary Pins, Partial Thread 5/32" x 9"
2	11332	Intramedullary Pins, Partial Thread 3/32" x 9"
2	11564	Intramedullary Pins, Partial Thread 5/64" x 9"
1	30005	IM Pin Organizer Bag
1	SAH.704178	Vet Spectrum Mini-Lambotte Osteotome, Straight, 5in, 8mm
1	SAH.701525	Vet Spectrum Roger Wire Cutting Scissor 4.75in
1	SAH.701695	Vet Spectrum Cannulated Front Pin Cutter 1/16in 7.5in Stainless
1	SAH.701459	Spectrum Wire Twister & Shear Cutter 6.5in Tc
1	SAH.701673	Vet Spectrum Dean Rongeur 5.75in Single Action Cvd
1	4020	Orthopedic Wire 0.8mm (20 gauge) - Spool
1	4022	Orthopedic Wire 0.6mm (22 gauge) - Spool
1	SAH.701659	Vet Spectrum Fomon Rasp 8.5in Double Ended
1	Dual Chuck Hand Chuck	Dual Chuck Hand Chuck

## Orthopedic Surgery Pack - Starter

Item # SAH.EV811245

Qt.	Item #	Description
3	1035	K-Wire 0.035" x 9" – pkg 6
3	1045	K-Wire 0.045" x 9" – pkg 6
2	11116	Intramedullary Pins, Partial Thread 1/16" x 9"
2	11964	Intramedullary Pins, Partial Thread 9/64" x 9"
2	11764	Intramedullary Pins, Partial Thread 7/64" x 9"
2	11532	Intramedullary Pins, Partial Thread 5/32" x 9"
2	11564	Intramedullary Pins, Partial Thread 5/64" x 9"
1	SAH.701695	Vet Spectrum Cannulated Front Pin Cutter 1/16in 7.5in Stainless
1	SAH.701525	Vet Spectrum Roger Wire Cutting Scissor 4.75in
1	SAH.701459	Spectrum Wire Twister & Shear Cutter 6.5in Tc
1	SAH.701673	Vet Spectrum Dean Rongeur 5.75in Single Action Cvd
1	4018	Orthopedic Wire 1.0mm (18 gauge) -Spool
1	4022	Orthopedic Wire 0.6mm (22 gauge) - Spool
1	30005	IM Pin Organizer Bag
1	Dual Chuck Hand Chuck	Dual Chuck Hand Chuck

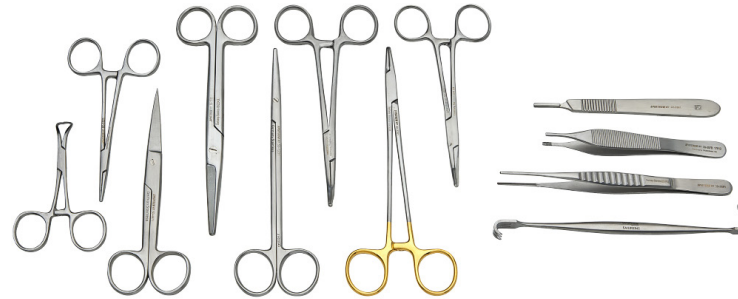


## Soft Tissue Packs

### Soft Tissue Procedure Pack - Starter

Item # SAH.EV811236

Qt.	Item #	Description
1	SAH.40-3201	Crile-Wood Needle Holder, 7", Tungsten Carbide
1	SAH.50-1171	Mayo Scissor, 6.75", Straight
1	SAH.50-1231	Metzenbaum (Nelson) Scissor, 7", Curved
1	SAH.30-357B	Adson-Brown Forcep, 4.75", 9x9 Teeth
1	SAH.30-3581	Debaquey Tissue Forcep, 6", 1.5 mm Jaw
1	SAH.22-2381	Knife Handle #3
6	SAH.60-2231	Backhaus Towel Forcep, 3.5"
2	SAH.60-1821	Halsted Mosquito Forcep, 5", Straight
1	SAH.60-1891	Kelly Forcep, 5.5", Curved
1	SAH.60-1911	Kelly-Rankin Forcep, 6.25", Curved
1	SAH.50-4671	Operating Scissor, 5", Straight, Sharp/Sharp
1	SAH.002542	VetSpectrum Senn Retractor 6.25", 3 Prongs Sharp
2	SAH.25-9311	Gelpi Retractor, 5.5"
2	SAH.60-2141	Rochester-Carmalt Forcep, 6.25", Straight
1	SAH.20-7691	Freer Periosteal Elevator, 7.5", Double Ended



## Ophthalmic Packs

### Ophthalmic Pack with Tray - Starter

Item # SAH.EV811429

Qt.	Item #	Description
1	SAH.760202	VetSpectrum Colibri Forcep 3", 0.3mm Tips
1	SAH.760203	VetSpectrum Derf Needle Holder Tc 5"
1	SAH.002544	VetSpectrum Beaver Blade Handle
1	SAH.760206	VetSpectrum Chalazion Desmarres Forcep 3.5", 20mm
1	SAH.760207	VetSpectrum Stevens Tenotomy Scissor 4.5", Straight Blunt
1	SAH.760208	VetSpectrum Barraquer Eye Speculum 4cm
1	SAH.760214	VetSpectrum Core + Ophthalmic Surgery Tray 10 x 6 x .8
1	SAH.760215	VetSpectrum Core + Ophthalmic Tray Silicone Finger Mat

### Ophthalmic Pack without Tray - Starter

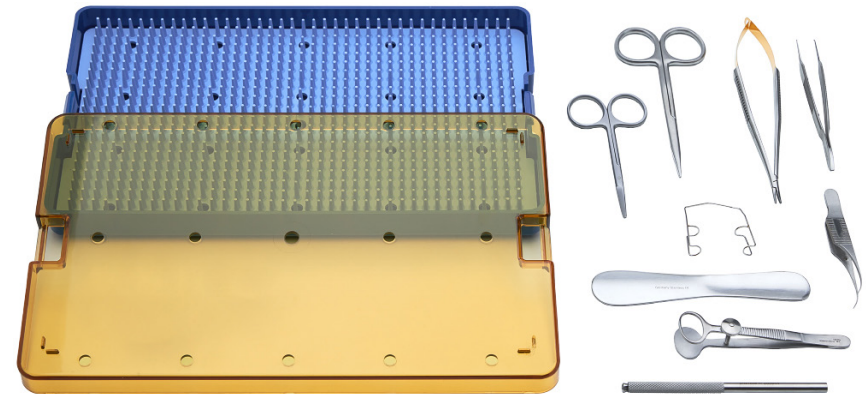
Item # SAH.EV811427

Qt.	Item #	Description
1	SAH.760202	VetSpectrum Colibri Forcep 3", 0.3mm Tips
1	SAH.760203	VetSpectrum Derf Needle Holder Tc 5"
1	SAH.002544	VetSpectrum Beaver Blade Handle
1	SAH.760206	VetSpectrum Chalazion Desmarres Forcep 3.5", 20mm
1	SAH.760207	VetSpectrum Stevens Tenotomy Scissor 4.5", Straight Blunt
1	SAH.760208	VetSpectrum Barraquer Eye Speculum 4cm

### Ophthalmic Pack Advanced - Starter

Item # SAH.EV811428

Qt.	Item #	Description
1	SAH.760201	VetSpectrum Castroviejo Forcep 4", 1x2 teeth
1	SAH.760202	VetSpectrum Colibri Forcep 3", 0.3mm Tips
1	SAH.760204	VetSpectrum Castroviejo Needle Holder 5.5", Curved Tc
1	SAH.002544	VetSpectrum Beaver Blade Handle
1	SAH.760206	VetSpectrum Chalazion Desmarres Forcep 3.5", 20mm
1	SAH.760207	VetSpectrum Stevens Tenotomy Scissor 4.5", Straight Blunt
1	SAH.760208	VetSpectrum Barraquer Eye Speculum 4cm
1	SAH.760210	VetSpectrum Jaeger Lid Plate Ss
1	SAH.760214	VetSpectrum Core + Ophthalmic Surgery Tray 10 x 6 x .8
1	SAH.760215	VetSpectrum Core + Ophthalmic Tray Silicone Finger Mat
1	SAH.760212	VetSpectrum Spencer Suture Scissor 3.5", Straight



### VetSpectrum

Premium quality for Specialty  
& Referral Hospitals

## Equine Surgery Packs

### Equine Emergency Surgery Set

Item # SAH.EQ-EM-SURG-PACK1

Qt.	Item #	Description
1	SAH.22-2381	Knife Handle, #3
1	SAH.22-2391	Knife Handle, #4
1	SAH.30-4611	Thumb Tissue Forcep, 6", 3x4 Teeth
1	SAH.30-357B	Adson-Brown Forcep, 4.75", 9x9 Teeth
1	SAH.50-1181	Mayo Scissor, Curved, 6.75"
1	SAH.50-1231	Metzenbaum Scissor, Curved, 7"
1	SAH.50-107SB	Operating Scissor, 5.5", Straight, Sharp/Blunt
1	SAH.40-4631	Mayo-Hegar Needle Holder, 7", Tungsten Carbide
4	SAH.60-2221	Backhaus Towel Forcep, 5.25"
2	SAH.60-1831	Halsted Mosquito Forcep, 5", Curved
2	SAH.60-1821	Halsted Mosquito Forcep, 5", Straight
2	SAH.60-1891	Kelly Forcep, Curved, 5.5"
2	SAH.60-1931	Crile Forcep, Curved, 5.5"

### Equine General Surgery Set

Item # SAH.EQ-GEN-SURG-PACK1

Qt.	Item #	Description
2	SAH.22-2381	Knife Handle, #3
1	SAH.22-2391	Knife Handle, #4
1	SAH.30-3381	Russian Tissue Forcep, 6"
1	SAH.30-4611	Thumb Tissue Forcep, 6", 3x4 Teeth
2	SAH.30-357B	Adson-Brown Forcep, 4.75", 9x9 Teeth
1	SAH.50-1181	Mayo Scissor, Curved, 6.75"
1	SAH.50-1171	Mayo Scissor, Straight, 6.75"
1	SAH.50-107SB	Operating Scissor, 5.5", Straight, Sharp/Blunt
1	SAH.50-1231	Metzenbaum Scissor, Curved, 7"
1	SAH.50-1221	Metzenbaum Scissor, Straight, 7"
2	SAH.60-1831	Halsted Mosquito Forcep, 5", Curved
2	SAH.60-1821	Halsted Mosquito Forcep, 5", Straight
2	SAH.60-1931	Crile Forcep, Curved, 5.5"
2	SAH.60-1891	Kelly Forcep, Curved, 5.5"
2	SAH.60-1881	Kelly Forcep, Straight, 5.5"
4	SAH.60-3851	Allis Forcep, 6", 4x5 Teeth
1	SAH.40-4571	Mayo-Hegar Needle Holder, 6", Tungsten Carbide
1	SAH.40-4631	Mayo-Hegar Needle Holder, 7", Tungsten Carbide
4	SAH.60-2301	Lorna (Edna) Towel Forcep, 5.25", Non-Perforating
8	SAH.60-2221	Backhaus Towel Forcep, 5.25"

## Instruments - Most Popular

German Stainless Steel



**Olsen-Hegar Needle Holder**  
with Tungsten Carbide Jaws  
5.5"  
Item # SAH.40-5031  
Item # SAH.710664

6.5"  
Item # SAH.40-5071  
Item # SAH.710667



**Mayo-Hegar Needle Holder**  
with Tungsten Carbide Jaws  
6"  
Item # SAH.40-4571  
Item # SAH.718165

7"  
Item # SAH.40-4631  
Item # SAH.718168



**Mayo Scissor**  
6.75" Straight  
Item # SAH.50-1171  
Item # SAH.700515

6.75" Curved  
Item # SAH.50-1181  
Item # SAH.701515



**Metzenbaum Scissor**  
7" Straight  
Item # SAH.50-1221  
Item # SAH.702320

7" Curved  
Item # SAH.50-1231  
Item # SAH.702314



**Scalpel Handle**  
#3  
Item # SAH.22-2381  
Item # SAH.707203

#4  
Item # SAH.22-2391  
Item # SAH.708204



**Allis Forcep**  
6", 4x5 Teeth  
Item # SAH.60-3851  
Item # SAH.752015



**Halstead-Mosquito Forcep**  
5" Straight  
Item # SAH.60-1821  
Item # SAH.714412

5" Curved  
Item # SAH.60-1831  
Item # SAH.715412



**Kelly Forcep**  
5.5" Straight  
Item # SAH.60-1881  
Item # SAH.710714

5.5" Curved  
Item # SAH.60-1891  
Item # SAH.711714



**Backhaus Towel Clamp**  
3.5"  
Item # SAH.60-2231  
Item # SAH.715508

5.25"  
Item # SAH.60-2221  
Item # SAH.715513



**Adson-Brown Tissue Forcep**  
7x7 Teeth, 4.75"  
Item # SAH.20-1118  
Item # SAH.705212

9x9 Teeth, 4.75"  
Item # SAH.30-357B  
Item # SAH.760200



**Adson Tissue Forcep**  
1x2 Teeth, 4.75"  
Item # SAH.30-3471  
Item # SAH.701212



**Lister Bandage Scissor**  
5.5"  
Item # SAH.50-1461  
Item # SAH.745214

7.25"  
Item # SAH.50-1481  
Item # SAH.745218



**Northbent Stitch Scissor**  
4.75"  
Item # SAH.50-2591  
Item # SAH.EV-760109



**Spencer Stitch Scissor**  
3.5"  
Item # SAH.50-1621  
Item # SAH.760212

4.75"  
Item # SAH.50-1631  
Item # SAH.720726



**Littauer Stitch Scissor**  
5.5"  
Item # SAH.50-1641  
Item # SAH.716013



**Rochester Carmalt Forcep**  
6.25" Straight  
Item # SAH.60-2141  
Item # SAH.717315

6.25" Curved  
Item # SAH.60-2151  
Item # SAH.717316



**Crile Forcep**  
5.5" Straight  
Item # SAH.60-1921  
Item # SAH.712714

5.5" Curved  
Item # SAH.60-1931  
Item # SAH.719732

## Our Instrument Lines

**Spectrum**  
Operating Room quality  
for General Practice

**VetSpectrum**  
Premium quality for Specialty  
& Referral Hospitals

\*For full repair and return policy information, please visit our website.

## Instruments – Scalpel Blades



**Sterile Scalpel Blade No.10**  
Item # SAH.02-040-010



**Sterile Scalpel Blade No.11**  
Item # SAH.02-040-011



**Sterile Scalpel Blade No.12**  
Item # SAH.02-040-012



**Sterile Scalpel Blade No.15**  
Item # SAH.02-040-015



**Sterile Scalpel Blade No.20**  
Item # SAH.02-040-020



**Sterile Scalpel Blade No.21**  
Item # SAH.02-040-021



**Sterile Scalpel Blade No.22**  
Item # SAH.02-040-022



**Sterile Scalpel Blade No.23**  
Item # SAH.02-040-023



**Sterile Scalpel Blade No.25**  
Item # SAH.02-040-025



**Sterile Scalpel Blade**  
Item # SAH.SM61



**Sterile Scalpel Blade**  
Item # SAH.SM62



**Sterile Scalpel Blade**  
Item # SAH.EV002545



**Sterile Scalpel Blade**  
Item # SAH.EV002546



**Sterile Scalpel Blade**  
Item # SAH.SM67MIS



**Sterile Scalpel Blade**  
Item # SAH.312



**Sterile Scalpel Blade**  
Item # SAH.313



**Sterile Scalpel Blade**  
Item # SAH.314



**Sterile Scalpel Blade**  
Item # SAH.316

# Instruments



**Scalpel Handle - No.3**  
**Item # SAH.22-2381**

**Scalpel Handle - No.3 Metric Scale**  
**Item # SAH.22-238X**



**Scalpel Handle - No.4**  
**Item # SAH.22-2391**



**Scalpel Handle - No.7**  
**Item # 22-2401**



**Scalpel Handle - No.3 Long**  
**Item # SAH.22-238L**

## VetSpectrum Scalpel Handles

Item #	Description
SAH.707203	VetSpectrum Scalpel Handle #3 Standard
SAH.707103	VetSpectrum Scalpel Handle #3 Graduated Scale
SAH.761205	VetSpectrum Scalpel Handle #3L
SAH.708204	VetSpectrum Scalpel Handle #4
SAH.707104	VetSpectrum Scalpel Handle #4 Graduated Scale
SAH.701096	VetSpectrum Scalpel Handle #4L
SAH.707207	VetSpectrum Scalpel Handle #7

## Microsurgical Round Blade Handle

Item #	Description:
SAH.002544	VetSpectrum Beaver Blade Handle 4"
SAH.723593	VetSpectrum Long Beaver Blade Handle 6"
SAH.99-048	Spectrum 4" Length
SAH.99-049	Spectrum 6" Length



# Instruments

## Adson Tissue Forceps

Item #	Description
● SAH.30-2191	Spectrum Adson Tissue Forcep, 4.75", 1x2 Teeth, Delicate
● SAH.720984	VetSpectrum Adson Micro Tissue Forcep 4.75" 1x2 Teeth
● SAH.30-3471	Spectrum Adson Tissue Forcep, 4.75", 1x2 Teeth
● SAH.701212	VetSpectrum Adson Tissue Forcep 4.75", 1x2 Teeth
● SAH.30-2251	Spectrum Adson Tissue Forcep, 4.75", 1x2 Teeth w/ Suture Platform, Delicate
● SAH.723590	VetSpectrum Adson Tissue Forcep 4.75", 1x2 Teeth w/ Suture Platform
● SAH.30-2571	Spectrum Adson Tissue Forcep, 4.75", 1x2 Teeth, Tungsten Carbide Suture Platform
● SAH.723591	VetSpectrum Adson Tissue Forcep, 4.75", 1x2 Teeth, Tungsten Carbide Suture Platform
● SAH.30-2231	Spectrum Adson Tissue Forcep, 4.75", 2x3 Teeth
● SAH.723592	VetSpectrum Adson Tissue Forcep, 4.75", 2x3 Teeth
● SAH.720753	VetSpectrum Adson Tissue Forcep 6", 1x2 Teeth



## Dressing Forceps

Item #	Description
● SAH.30-3461	Spectrum Adson Dressing Forcep, 4.75", Serrated
● SAH.700201	VetSpectrum Adson Dressing Forcep 4.75", Serrated
● SAH.30-3171	Spectrum Thumb Dressing Forcep, 5"
● SAH.722590	VetSpectrum Thumb Dressing Forcep, Straight, 5"
● SAH.30-3181	Spectrum Thumb Dressing Forcep, 5.5"
● SAH.722591	VetSpectrum Thumb Dressing Forcep, Straight, 5.75"
● SAH.30-3191	Spectrum Thumb Dressing Forcep, 6"
● SAH.722592	VetSpectrum Thumb Dressing Forcep, Straight, 6.25"



## Adson-Brown Tissue Forceps

Item #	Description
● SAH.20-1118	Brown-Adson Tissue Forcep, 4 3/4" (12.0 cm), Straight Tips, 7x7 Teeth
● SAH.705212	VetSpectrum Adson Brown Tissue Forcep 4.75", 7x7 Teeth
● SAH.30-357B	Adson-Brown Forcep, 4.75", 9x9 Teeth
● SAH.760200	VetSpectrum Adson Brown Tissue Forcep 4.5", 9x9 Teeth



## Thumb Tissue Forceps

Item #	Description
● SAH.30-3291	Spectrum Thumb Tissue Forcep, 4.5", 1x2 Teeth
● SAH.721590	VetSpectrum Thumb Tissue Forcep, 4.5", 1x2 Teeth
● SAH.30-3301	Spectrum Thumb Tissue Forcep, 5", 1x2 Teeth
● SAH.720593	VetSpectrum Thumb Tissue Forcep 5", 1x2 Teeth
● SAH.30-3311	Spectrum Thumb Tissue Forcep, 5.5", 1x2 Teeth
● SAH.721591	VetSpectrum Thumb Tissue Forcep, 5.75", 1x2 Teeth
● SAH.30-4511	Spectrum Thumb Tissue Forcep, 5.5", 2x3 Teeth
● SAH.721592	VetSpectrum Thumb Tissue Forcep, 5.75", 2x3 Teeth
● SAH.705015	VetSpectrum Thumb Tissue Forcep 6" 1x2 Teeth
● SAH.30-4611	Spectrum Thumb Tissue Forcep, 6", 3x4 Teeth
● SAH.721593	VetSpectrum Thumb Tissue Forcep, 6.25", 3x4 Teeth
● SAH.707120	Spectrum Thumb Tissue Forcep, 8", 1x2 Teeth
● SAH.721594	VetSpectrum Thumb Tissue Forcep, 8", 1x2 Teeth



# Instruments

## Babcock Tissue Forceps

Item #	Description
● SAH.60-3941	Spectrum Babcock Tissue Forcep, 6.25"
● SAH.720128	VetSpectrum Babcock Tissue Grasping Forcep, 6.25"
● SAH.60-3946	Spectrum Babcock Tissue Forcep, 8"
● SAH.720131	VetSpectrum Babcock Tissue Grasping Forcep, 8"
● SAH.60-7911	Spectrum Babcock Tissue Forcep, 9.5"
● SAH.720132	VetSpectrum Babcock Tissue Grasping Forcep, 9.5"



## Crile Forceps

Item #	Description
● SAH.60-1921	Spectrum Crile Forcep, 5.5", Straight
● SAH.712714	VetSpectrum Crile Forcep, 5.5", Straight
● SAH.60-1931	Spectrum Crile Forcep, 5.5", Curved
● SAH.719732	VetSpectrum Crile Forcep, 5.5", Curved



● **Spectrum**  
Operating Room quality  
for General Practice

● **VetSpectrum**  
Premium quality for Specialty  
& Referral Hospitals

# Instruments

**Spectrum**  
Operating Room quality  
for General Practice

**VetSpectrum**  
Premium quality for Specialty  
& Referral Hospitals

## Rochester-Carmalt Forceps

Item #	Description
● SAH.60-2141	Rochester-Carmalt Forcep, 6.25", Straight
● SAH.717315	VetSpectrum Rochester-Carmalt Forcep, 6.25", Straight
● SAH.60-2151	Rochester-Carmalt Forcep, 6.25", Curved
● SAH.717316	VetSpectrum Rochester-Carmalt Forcep, 6.25", Curved
● SAH.60-2161	Rochester-Carmalt Forcep, 8", Straight
● SAH.717319	VetSpectrum Rochester-Carmalt Forcep, 8", Straight
● SAH.60-2171	Rochester-Carmalt Forcep, 8", Curved
● SAH.717320	VetSpectrum Rochester-Carmalt Forcep, 8", Curved



## Backhaus Towel Forceps

Item #	Description
● SAH.60-2231	Spectrum Backhaus Towel Forcep, 3.5"
● SAH.715508	VetSpectrum Backhaus Towel Forcep, 3.5"
● SAH.60-2221	Spectrum Backhaus Towel Forcep, 5.25"
● SAH.715513	VetSpectrum Backhaus Towel Forcep, 5"



## Hartmann and Halsted Mosquito Forceps

Item #	Description
● SAH.60-1801	Spectrum Hartmann Mosquito Forcep, 3.5", Straight
● SAH.60-1811	Spectrum Hartmann Mosquito Forcep, 3.5", Curved
● SAH.720700	Spectrum Hartmann Forcep 4", Straight
● SAH.720591	Spectrum Hartmann Forcep 4", Curved
● SAH.722508	VetSpectrum Hartmann Forcep 4", Straight
● SAH.722509	VetSpectrum Hartmann Forcep 4", Curved
● SAH.760213	VetSpectrum Micro Hartmann Forcep 4", Straight
● SAH.720521	Vet Spectrum Micro Hartmann Forcep, 4", Curved
● SAH.60-1821	Spectrum Halsted Mosquito Forcep, 5", Straight
● SAH.714412	VetSpectrum Halsted Mosquito Forcep 5", Straight
● SAH.60-1831	Spectrum Halsted Mosquito Forcep, 5", Curved
● SAH.715412	VetSpectrum Halsted Mosquito Forcep 5", Curved
● SAH.60-2311	Spectrum Halsted Mosquito Forcep, 5", 1x2 Teeth, Straight
● SAH.719735	VetSpectrum Halsted Mosquito Forcep 5", 1x2 Teeth Straight
● SAH.60-2331	Spectrum Halsted Mosquito Forcep, 5", 1x2 Teeth, Curved
● SAH.719736	VetSpectrum Halsted Mosquito Forcep 5", 1x2 Teeth Curved
● SAH.720247	VetSpectrum Halsted Mosquito Micro Forcep 5", Straight
● SAH.720248	VetSpectrum Halsted Mosquito Micro Forcep 5", Curved



# Forceps

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## Kelly-Rankin Forceps

Item #	Description
SAH.60-1901	Spectrum Kelly-Rankin Forcep, 6.25", Straight
SAH.700572	VetSpectrum Kelly-Rankin Forcep 6.25", Straight
SAH.60-1911	Spectrum Kelly-Rankin Forcep, 6.25", Curved
SAH.700565	VetSpectrum Kelly-Rankin Forcep, 6.25", Curved



## Kelly Forceps

Item #	Description
SAH.60-1881	Spectrum Kelly Forcep, 5.5", Straight
SAH.710714	VetSpectrum Kelly Forcep 5.75", Straight
SAH.60-1891	Spectrum Kelly Forcep, 5.5", Curved
SAH.711714	VetSpectrum Kelly Forcep 5.75" Curved



## Lorna Edna Towel Forceps

Item #	Description
SAH.60-2291	Spectrum Lorna (Edna) Towel Forcep, 4", Non-Perforating
SAH.710511	VetSpectrum Lorna (Edna) Towel Forcep, 4"
SAH.60-2301	Spectrum Lorna (Edna) Towel Forcep, 5.25", Non-Perforating
SAH.722782	VetSpectrum Lorna (Edna) Towel Forcep, 5"



## Allis Tissue Forceps

Item #	Description
SAH.60-2651	Spectrum Allis Tissue Forcep, 6", 3x4 Teeth
SAH.756065	VetSpectrum Allis Tissue Forcep, 6", 3x4 Teeth
SAH.60-3851	Spectrum Allis Tissue Forcep, 6", 4x5 Teeth
SAH.752015	VetSpectrum Allis Tissue Forcep 6", 4x5 Teeth
SAH.60-3861	Spectrum Allis Tissue Forcep, 6", 5x6 Teeth
SAH.720705	VetSpectrum Allis Tissue Forcep, 6", 5x6 Teeth



## Doyen Intestinal Forceps

Item #	Description
SAH.704401	VetSpectrum Doyen Intestinal Forcep, Straight, Cross Serrations, 8.25"
SAH.704403	VetSpectrum Doyen Intestinal Forcep, Curved, Cross Serrations, 8.25"
SAH.60-4091	Spectrum Doyen Intestinal Forcep, 9", Straight Cross Serrations
SAH.704402	VetSpectrum Doyen Intestinal Forcep, Straight, Cross Serrations, 9"
SAH.60-4121	Spectrum Doyen Intestinal Forcep, 9", Curved Cross Serrations
SAH.704404	VetSpectrum Doyen Intestinal Forcep, Curved, Cross Serrations, 9"
SAH.720352	VetSpectrum Doyen Atraumatic Forcep 9" Straight
SAH.720353	VetSpectrum Doyen Atraumatic Forcep 9" Curved



## Hartmann Alligator Forceps

Item #	Description
SAH.23-3151	Spectrum Hartmann Alligator Forcep, 3.5", Serrated Jaw
SAH.23-3231	Spectrum Hartmann Alligator Forcep, 3.5", Round Cup
SAH.23-3291	Spectrum Hartmann Alligator Forcep, 3.5", 1x2 Teeth
SAH.23-3171	Spectrum Hartmann Alligator Forcep, 5.5", Serrated Jaw
SAH.23-3191	Spectrum Hartmann Alligator Forcep, 6.5", Serrated Jaw
SAH.723100	VetSpectrum Hartmann-Wullstein Alligator Forcep, 3.25", Serrated Jaw
SAH.723101	VetSpectrum Hartmann Alligator Forcep, 3.25", Oval Cup Jaw, 2x7mm
SAH.723102	VetSpectrum Hartmann-Wullstein Alligator Forcep, 5.25", Serrated Jaw
SAH.723103	VetSpectrum Hartmann-Wullstein Alligator Forcep, 6.25", Serrated Jaw



# Forceps

## Bishop-Harmon Forceps

Item #	Description
● SAH.24-5951	Spectrum Bishop-Harmon Tissue Forcep, 3.25", 1x2 Teeth, Delicate
● SAH.720416	VetSpectrum Bishop-Harmon Tissue Forcep 3.5", 1x2 Teeth
● SAH.24-5811	Spectrum Bishop-Harman Forcep, 3.5", Serrated, Extra Delicate 0.5mm Tip
● SAH.727026	VetSpectrum Bishop-Harmon Forcep, 3.5", Serrated, 0.4 mm Tip
● SAH.24-5831	Spectrum Bishop-Harmon Forcep, 3.5", Serrated, Delicate 0.8mm Tip
● SAH.720417	VetSpectrum Bishop-Harmon Forcep, 3.5", Serrated, 0.8mm Tip



## Desmarres Chalazion Forceps

Item #	Description
● SAH.24-8431	Spectrum Desmarres Chalazion Forcep, 3.5", Inside Ring 17.0mm x 11.0mm
● SAH.760206	VetSpectrum Chalazion Desmarres Forcep 3.5", 20mm
● SAH.24-8451	Spectrum Desmarres Chalazion Forcep, 3.5", Inside Ring 23mm x 12mm
● SAH.760220	VetSpectrum Chalazion Desmarres Forcep 3.5", 25mm
● SAH.24-8471	Spectrum Desmarres Chalazion Forcep, 3.5", Inside Ring 28mm x 17mm
● SAH.760221	VetSpectrum Chalazion Desmarres Forcep 3.5", 30mm



## Barraquer Eye Speculum

Item #	Description
● SAH.24-2631	Spectrum Barraquer (Colibri) Eye Speculum, 1.25"
● SAH.760209	VetSpectrum Barraquer Eye Speculum 3 cm
● SAH.24-2691	Spectrum Barraquer (Colibri) Eye Speculum, 1.5"
● SAH.760208	VetSpectrum Barraquer Eye Speculum 4 cm



# Retractors

## Senn Retractors

Item #	Description
● SAH.25-24311	Senn Retractor, 6.25", 3 Prongs, Sharp
● SAH.002542	VetSpectrum Senn Retractor, 6.25", 3 Prongs, Sharp
● SAH.25-2451	Senn Retractor, 6.25", 3 Prongs, Blunt
● SAH.704110	VetSpectrum Senn Retractor, 6.25", 3 Prongs, Blunt



## Gelpi Retractors

Item #	Description
● SAH.25-93311	Spectrum Gelpi Retractor, 3.5"
● SAH.701989	VetSpectrum Gelpi Retractor 3.5"
● SAH.701990	VetSpectrum Gelpi Retractor 4.5"
● SAH.25-9311	Spectrum Gelpi Retractor, 5.5"
● SAH.701991	VetSpectrum Gelpi Retractor 5.5"
● SAH.25-92311	Spectrum Gelpi Retractor, 7.5"
● SAH.701992	VetSpectrum Gelpi Retractor 7"
● SAH.720943	Spectrum Gelpi Retractor 3.5", W/ 90 Deg. Tips (Right Angle)
● SAH.701986	Spectrum Gelpi Retractor 4.5", W/ 90 Deg. Tips (Right Angle)
● SAH.750946	Spectrum Gelpi Retractor 5.5", W/ 90 Deg. Tips (Right Angle)

Item #	Description
● SAH.720944	Spectrum Gelpi Retractor 7", w/ 90 deg Tips (Right Angle)
● SAH.701997	Spectrum Mini Gelpi Retractor Flat 3.5", 45mm Spread
● SAH.20-1100	Spectrum Gelpi Retractor, 3.5", Cross-Over
● SAH.701987	Spectrum Gelpi Retractor 3.5", Short Tips
● SAH.720415	Spectrum Extra Small Joint DiStractor 4" 3mm Tips (Cross Over Gelpi)
● SAH.720411	Spectrum Small Joint Distractor 5.5", 6mm Tips (Cross Over Gelpi)
● SAH.25-4057	Spectrum Gelpi Retractor, w/ Ball Stops, Blunt, 6.75"
● SAH.20-8670	Spectrum Deep Gelpi, 7.75", 4.5", Width 90 Degree, Blunt
● SAH.25-3191	Spectrum Asymmetric Gelpi Retractor, 1 Long Leg, Ratchet, 5"
● SAH.25-3119	Spectrum Asymmetric Gelpi Retractor, 1 Long Leg, Ratchet, 8"



## Instruments - Needle Holders

### Mayo-Hegar Needle Holders

Item #	Description
● SAH.40-2801	Spectrum Mayo-Hegar Needle Holder, 5.25"
● SAH.719800	VetSpectrum Mayo-Hegar Needle Holder, 5.5"
● SAH.40-2811	Spectrum Mayo-Hegar Needle Holder, 6"
● SAH.718166	VetSpectrum Mayo-Hegar Needle Holder, 6.25"
● SAH.40-2821	Spectrum Mayo-Hegar Needle Holder, 7"
● SAH.719801	VetSpectrum Mayo-Hegar Needle Holder, 7"
● SAH.40-2831	Spectrum Mayo-Hegar Needle Holder, 8"
● SAH.718167	VetSpectrum Mayo-Hegar Needle Holder, 8"
● SAH.40-3210	Spectrum Mayo-Hegar Needle Holder, 5.25", Tungsten Carbide
● SAH.720588	VetSpectrum Mayo-Hegar Needle Holder, 5.5", Tungsten Carbide
● SAH.40-4571	Spectrum Mayo-Hegar Needle Holder, 6", Tungsten Carbide
● SAH.718165	VetSpectrum Mayo-Hegar Needle Holder, 6.25", Tungsten Carbide
● SAH.40-4631	Spectrum Mayo-Hegar Needle Holder, 7", Tungsten Carbide
● SAH.718168	VetSpectrum Mayo-Hegar Needle Holder, 7", Tungsten Carbide
● SAH.40-4691	Spectrum Mayo-Hegar Needle Holder, 8", Tungsten Carbide
● SAH.718160	VetSpectrum Mayo-Hegar Needle Holder, 8", Tungsten Carbide



### Olsen-Hegar Needle Holders

Item #	Description
● SAH.40-5407	Spectrum Olsen-Hegar Needle Holder, 4.5", Serrated
● SAH.710610	VetSpectrum Olsen-Hegar Needle Holder, 4.5"
● SAH.40-2891	Spectrum Olsen-Hegar Needle Holder, 5.5"
● SAH.710614	VetSpectrum Olsen-Hegar Needle Holder, 5.5"
● SAH.40-2871	Spectrum Olsen-Hegar Needle Holder, 6.5"
● SAH.710617	VetSpectrum Olsen-Hegar Needle Holder, 6.5"
● SAH.40-2881	Spectrum Olsen-Hegar Needle Holder, 7.5"
● SAH.710619	VetSpectrum Olsen-Hegar Needle Holder, 7"
● SAH.40-5011	Spectrum Olsen-Hegar Needle Holder, 4.75", Smooth Tungsten Carbide
● SAH.710611	VetSpectrum Olsen-Hegar Needle Holder, 4.75", Smooth Tungsten Carbide
● SAH.40-5408	Spectrum Olsen-Hegar Needle Holder, 4.5", Serrated, Tungsten Carbide
● SAH.710662	VetSpectrum Olsen-Hegar Needle Holder, 4.5" Tungsten Carbide
● SAH.40-5031	Spectrum Olsen-Hegar Needle Holder, 5.5", Tungsten Carbide
● SAH.710664	VetSpectrum Olsen-Hegar Needle Holder, 5.5", Tungsten Carbide
● SAH.40-5071	Spectrum Olsen-Hegar Needle Holder, 6.5", Tungsten Carbide
● SAH.710667	VetSpectrum Olsen-Hegar Needle Holder, 6.5", Tungsten Carbide
● SAH.40-5091	Spectrum Olsen-Hegar Needle Holder, 7.5", Tungsten Carbide
● SAH.710620	VetSpectrum Olsen-Hegar Needle Holder, 7", Tungsten Carbide



# Instruments - Scissors

**Spectrum**  
Operating Room quality  
for General Practice

**VetSpectrum**  
Premium quality for Specialty  
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## Metzenbaum Scissors

Item #	Description
● SAH.720403	VetSpectrum Baby Metzenbaum Scissor, 4.5", Curved
● SAH.50-0432	Spectrum Metzenbaum Scissor, 4.5", Straight, Tungsten Carbide
● SAH.50-1201	Spectrum Metzenbaum (Lahey) Scissor, 5.75", Straight
● SAH.702318	VetSpectrum Metzenbaum Scissor, 5.75", Straight
● SAH.50-1211	Spectrum Metzenbaum (Lahey) Scissor, 5.75", Curved
● SAH.702364	VetSpectrum Metzenbaum Scissor, 5.75", Curved
● SAH.50-1221	Spectrum Metzenbaum (Nelson) Scissor, 7", Straight
● SAH.702320	VetSpectrum Metzenbaum Scissor, 7", Straight
● SAH.50-1231	Spectrum Metzenbaum (Nelson) Scissor, 7", Curved
● SAH.702314	VetSpectrum Metzenbaum Scissor, 7", Curved
● SAH.50-6971	Spectrum Metzenbaum (Nelson) Scissor, 7", Curved, Tungsten Carbide
● SAH.703368	VetSpectrum Metzenbaum Scissor, 7", Curved, Tungsten Carbide
● SAH.70-145	Spectrum Supercut Metzenbaum Scissor, 5.5", Straight
● SAH.719855	VetSpectrum Metzenbaum Scissor, 5.75", Straight Supercut
● SAH.71-145	Spectrum Supercut Metzenbaum Scissor, 5.5", Curved
● SAH.719857	VetSpectrum Metzenbaum Scissor 5.75", Curved Supercut
● SAH.94-180	Spectrum Supercut Metzenbaum Scissor, 7", Straight
● SAH.719859	VetSpectrum Metzenbaum Scissor 7", Straight Supercut
● SAH.95-180	Spectrum Supercut Metzenbaum Scissor, 7", Curved
● SAH.719860	VetSpectrum Metzenbaum Scissor, 7", Curved Supercut
● SAH.720758	VetSpectrum Metzenbaum Scissor, 7" Straight, Tungsten Carbide, Supercut
● SAH.720402	VetSpectrum Metzenbaum Scissor 7", Curved, Tungsten Carbide, Supercut
● SAH.50-0261	Spectrum Metzenbaum (Nelson) Scissor, 9", Straight
● SAH.50-0351	Spectrum Metzenbaum (Nelson) Scissor, 9", Curved
● SAH.50-0281	Spectrum Metzenbaum (Nelson) Scissor, 9", Straight, Tungsten Carbide
● SAH.50-0381	Spectrum Metzenbaum (Nelson) Scissor, 10", Curved



# Instruments - Scissors

## Mayo Scissors

Item #	Description
● SAH.50-1151	Spectrum Mayo Scissor, 5.5", Straight
● SAH.700514	VetSpectrum Mayo Scissor, 5.75", Straight
● SAH.50-1161	Spectrum Mayo Scissor, 5.5", Curved
● SAH.701514	VetSpectrum Mayo Scissor, 5.75", Curved
● SAH.50-1171	Spectrum Mayo Scissor, 6.75", Straight
● SAH.700515	VetSpectrum Mayo Scissor, 6.75", Straight
● SAH.50-1181	Spectrum Mayo Scissor, 6.75", Curved
● SAH.701515	VetSpectrum Mayo Scissor, 6.75", Curved
● SAH.40-170	Spectrum Supercut Mayo Scissor, 6.75", Straight
● SAH.720336	VetSpectrum Mayo Scissor, 6.75", Straight Supercut
● SAH.41-170	Spectrum Supercut Mayo Scissor, 6.75", Curved
● SAH.720298	VetSpectrum Mayo Scissor, 6.75", Curved Supercut
● SAH.50-4271	Spectrum Mayo Scissor, 5.5", Straight, Tungsten Carbide
● SAH.700516	VetSpectrum Mayo Scissor, 5.75", Straight, Tungsten Carbide
● SAH.50-4281	Spectrum Mayo Scissor, 5.5", Curved, Tungsten Carbide
● SAH.700517	VetSpectrum Mayo Scissor, 5.75", Curved, Tungsten Carbide
● SAH.50-4291	Spectrum Mayo Scissor, 6.75", Straight, Tungsten Carbide
● SAH.700564	VetSpectrum Mayo Scissor, 6.75", Straight, Tungsten Carbide
● SAH.50-4311	Spectrum Mayo Scissor, 6.75", Curved, Tungsten Carbide
● SAH.701564	VetSpectrum Mayo Scissor, 6.75", Curved, Tungsten Carbide
● SAH.50-1191C	Spectrum Mayo Scissor, 9", Curved
● SAH.50-1191S	Spectrum Mayo Scissor, 9", Straight



# Instruments - Scissors

## Operating Scissors

Item #	Description
● SAH.50-105BB	Spectrum Operating Scissor, 4.5", Straight, Blunt/Blunt
● SAH.50-105SB	Spectrum Operating Scissor, 4.5", Straight, Sharp/Blunt
● SAH.50-105SS	Spectrum Operating Scissor, 4.5", Straight, Sharp/Sharp
● SAH.711200	VetSpectrum Operating Scissor, 4.5", Straight, Bl/Bl
● SAH.711201	VetSpectrum Operating Scissor, 4.5", Straight, Sh/Bl
● SAH.711202	VetSpectrum Operating Scissor, 4.5", Straight, Sh/Sh
● SAH.50-106BB	Spectrum Operating Scissor, 4.5", Curved, Blunt/Blunt
● SAH.50-106SB	Spectrum Operating Scissor, 4.5", Curved, Sharp/Blunt
● SAH.50-106SS	Spectrum Operating Scissor, 4.5", Curved, Sharp/Sharp
● SAH.711203	VetSpectrum Operating Scissor, 4.5", Curved, Bl/Bl
● SAH.711204	VetSpectrum Operating Scissor, 4.5", Curved, Sh/Bl
● SAH.711205	VetSpectrum Operating Scissor, 4.5", Curved, Sh/Sh
● SAH.50-107BB	Spectrum Operating Scissor, 5.5", Straight, Blunt/Blunt
● SAH.50-107SB	Spectrum Operating Scissor, 5.5", Straight, Sharp/Blunt
● SAH.50-107SS	Spectrum Operating Scissor, 5.5", Straight, Sharp/Sharp
● SAH.711206	VetSpectrum Operating Scissor, 5.75", Straight, Bl/Bl
● SAH.706015	VetSpectrum Operating Scissor, 5.75", Straight, Sh/Bl
● SAH.704014	VetSpectrum Operating Scissor, 5.75", Straight, Sh/Sh
● SAH.50-108BB	Spectrum Operating Scissor, 5.5", Curved, Blunt/Blunt
● SAH.50-108SB	Spectrum Operating Scissor, 5.5", Curved, Sharp/Blunt
● SAH.50-108SS	Spectrum Operating Scissor, 5.5", Curved, Sharp/Sharp
● SAH.711207	VetSpectrum Operating Scissor, 5.75", Curved, Bl/Bl
● SAH.711208	VetSpectrum Operating Scissor, 5.75", Curved, Sh/Bl
● SAH.711209	VetSpectrum Operating Scissor, 5.75", Curved, Sh/Sh

Item #	Description
● SAH.720594	VetSpectrum Operating Scissor, 6", Straight, Bl/Bl
● SAH.720618	VetSpectrum Operating Scissor, 6", Straight, Sh/Bl
● SAH.711210	VetSpectrum Operating Scissor, 6", Straight, Sh/Sh
● SAH.711211	VetSpectrum Operating Scissor, 6", Curved, Bl/Bl
● SAH.711212	VetSpectrum Operating Scissor, 6", Curved, Sh/Bl
● SAH.711213	VetSpectrum Operating Scissor, 6", Curved, Sh/Sh
● SAH.50-109BB	Spectrum Operating Scissor, 6.5", Straight, Blunt/Blunt
● SAH.50-109SB	Spectrum Operating Scissor, 6.5", Straight, Sharp/Blunt
● SAH.50-109SS	Spectrum Operating Scissor, 6.5", Straight, Sharp/Sharp
● SAH.711214	VetSpectrum Operating Scissor, 6.5", Straight, Bl/Bl
● SAH.711215	VetSpectrum Operating Scissor, 6.5", Straight, Sh/Bl
● SAH.711216	VetSpectrum Operating Scissor, 6.5", Straight, Sh/Sh
● SAH.50-110BB	Spectrum Operating Scissor, 6.5", Curved, Blunt/Blunt
● SAH.50-110SB	Spectrum Operating Scissor, 6.5", Curved, Sharp/Blunt
● SAH.50-110SS	Spectrum Operating Scissor, 6.5", Curved, Sharp/Sharp
● SAH.711217	VetSpectrum Operating Scissor, 6.5", Curved, Bl/Bl
● SAH.711218	VetSpectrum Operating Scissor, 6.5", Curved, Sh/Bl
● SAH.711219	VetSpectrum Operating Scissor, 6.5", Curved, Sh/Sh
● SAH.50-5351	Spectrum Operating Scissor, 5.5", Straight, Sharp/Blunt, Tungsten Carbide
● SAH.50-5471	Spectrum Operating Scissor, 5.5", Straight, Sharp/Sharp, Tungsten Carbide



# Instruments - Scissors

**Spectrum**  
Operating Room quality  
for General Practice

**VetSpectrum**  
Premium quality for Specialty  
& Referral Hospitals

## Iris Scissors

Item #	Description
SAH.50-2191	Spectrum Iris Scissor, 3.5", Straight
SAH.700209	VetSpectrum Iris Scissor, 3.5", Straight
SAH.50-1401	Spectrum Iris Scissor, 4.5", Straight
SAH.720122	VetSpectrum Iris Scissor, 4.5", Straight
SAH.50-1411	Spectrum Iris Scissor, 4.5", Curved
SAH.701210	VetSpectrum Iris Scissor, 4.5", Curved
SAH.50-2311	Spectrum Iris Scissor, 4.5", Curved, Tungsten Carbide
SAH.741127	VetSpectrum Iris Scissor, 4.5", Curved, Tungsten Carbide
SAH.320-115	Spectrum Supercut Iris Scissor, 4.5", Straight
SAH.741128	VetSpectrum Iris Scissor, 4.5", Straight, Supercut
SAH.50-41411	Spectrum Ribbon Iris Scissor, 4.25", Straight
SAH.741129	VetSpectrum Iris Scissor, 4.5", Straight, Ribbon



## Lister Bandage Scissors

Item #	Description
SAH.50-1421	Spectrum Lister Bandage Scissor, 3.5"
SAH.741130	VetSpectrum Lister Bandage Scissor, 4"
SAH.50-1441	Spectrum Lister Bandage Scissor, 4.5"
SAH.50-1461	Spectrum Lister Bandage Scissor, 5.5"
SAH.745214	VetSpectrum Lister Bandage Scissor 5.5"
SAH.50-1481	Spectrum Lister Bandage Scissor, 7.25"
SAH.745218	VetSpectrum Lister Bandage Scissor, 7"
SAH.50-8631	Spectrum Lister Bandage Scissor, 8"
SAH.741131	VetSpectrum Lister Bandage Scissor, 8"



## Suture Scissors

Item #	Description
SAH.50-1621	Spectrum Spencer Suture Scissor, 3.5"
SAH.760212	VetSpectrum Spencer Suture Scissor, 3.5" Straight
SAH.50-1631	Spectrum Spencer Suture Scissor, 4.75"
SAH.720726	VetSpectrum Spencer Suture Scissor, 4.75"



Item #	Description
SAH.50-2591	Spectrum Northbent Suture Scissor, 4.75", Curved Sideways
SAH.EV-760109	VetSpectrum Northbent Suture Scissor, 4.75"
SAH.50-2351	Spectrum Shortbent Suture Scissor, 3.5", Curved Sideways



## Tenotomy Scissors

Item #	Description
SAH.50-3231	Spectrum Stevens Tenotomy Scissor, 4.25", Straight
SAH.720752	VetSpectrum Stevens Tenotomy Scissor, 4.5", Straight
SAH.50-32712	Spectrum Stevens Tenotomy Scissor, 4.25", Curved
SAH.700502	VetSpectrum Stevens Tenotomy Scissor, 4.5", Curved
SAH.50-4531	Spectrum Ribbon Stevens Tenotomy Scissor, 4", Straight, Blunt
SAH.50-4571	Spectrum Ribbon Stevens Tenotomy Scissor, 4", Curved, Blunt
SAH.760207	VetSpectrum Stevens Tenotomy Scissor, 4.5", Straight Blunt
SAH.700435	VetSpectrum Stevens Tenotomy Scissor, 4.5", Curved, Blunt



# Surgical Instruments

## Ferguson Gall Stone Scoop (Bladder Spoon)

Item #	Description
● SAH.22-1119	Spectrum Fergusson Gallstone Scoop, 9.5", Small 7.0mm x 9.0mm, Wide Scoop 10x8mm, Double Ended
● SAH.741122	VetSpectrum Fergusson Gall Stone Scoop, 9.5", Small, 8.5mm x 10.5mm Scoop, Double Ended
● SAH.22-1112	Spectrum Fergusson Gallstone Scoop, 9.5", Medium, 11.0mm x 12.0mm Wide, Double Ended
● SAH.741123	VetSpectrum Fergusson Gall Stone Scoop, 9.5", Medium, 11.5mm x 12.5mm Scoop, Double Ended
● SAH.22-1113	Spectrum Fergusson Gallstone Scoop, 9.5", Large, 13.0mm x 14.0mm Wide, Double Ended
● SAH.741124	VetSpectrum Fergusson Gall Stone Scoop, 9.5", Large, 12.5mm x 13mm Scoop, Double Ended



## Snook Hook

Item #	Description
● SAH.276ML	Spectrum Snook Hook, 8", 6mm



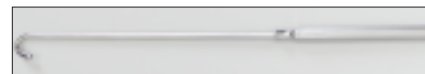
## Kitty Spay Hook

Item #	Description
● SAH.276MLM	Spectrum Snook Hook, 8", 4mm



## Covalt Ovariectomy Hook

Item #	Description
● SAH.278ML	Spectrum Covalt Ovariectomy Hook, 9", 3mm



# Instruments - Suction Tubes

## Frazier Suction Tubes

Item #	Description
● SAH.23-9781	Spectrum Frazier Suction Tube, 4" Working Length, 30° Angled, Size 6 French
● SAH.23-9791	Spectrum Frazier Suction Tube, 4" Working Length, 30° Angled, Size 7 French
● SAH.23-9701	Spectrum Frazier Suction Tube, 4" Working Length, 30° Angled, Size 8 French
● SAH.05E-034	Spectrum Frazier Suction Tube, 4" Working Length, 30° Angled, Size 9 French
● SAH.23-9811	Spectrum Frazier Suction Tube, 4" Working Length, 30° Angled, Size 10 French
● SAH.05E-036	Spectrum Frazier Suction Tube, 4" Working Length, 30° Angled, Size 11 French
● SAH.23-9851	Spectrum Frazier Suction Tube, 4" Working Length, 30° Angled, Size 12 French
● SAH.05E-038	Spectrum Frazier Suction Tube, 4" Working Length, 30° Angled, Size 14 French
● SAH.741132	VetSpectrum Frazier Suction Tube, 5 Fr, 110mm Working Length, 45° Angled
● SAH.741133	VetSpectrum Frazier Suction Tube, 6 Fr, 110mm Working Length, 45° Angled
● SAH.741134	VetSpectrum Frazier Suction Tube, 7 Fr, 110mm Working Length, 45° Angled
● SAH.741135	VetSpectrum Frazier Suction Tube, 8 Fr, 110mm Working Length, 45° Angled
● SAH.741136	VetSpectrum Frazier Suction Tube, 9 Fr, 110mm Working Length, 45° Angled
● SAH.741137	VetSpectrum Frazier Suction Tube, 10 Fr, 110mm Working Length, 45° Angled
● SAH.741138	VetSpectrum Frazier Suction Tube, 11 Fr, 110mm Working Length, 45° Angled
● SAH.741139	VetSpectrum Frazier Suction Tube, 12 Fr, 110mm Working Length, 45° Angled
● SAH.741140	VetSpectrum Frazier Suction Tube, 15 Fr, 110mm Working Length, 45° Angled



## Poole Suction Tubes

Item #	Description
● SAH.13-9991	Spectrum Poole Suction Tube, 8.75", 23 Fr, Curved
● SAH.720531	VetSpectrum Poole Suction Tube, Angled, 23 Fr
● SAH.13-9071	Spectrum Poole Suction Tube, 8.75", 30 Fr, Straight
● SAH.720561	VetSpectrum Poole Suction Tube, 30 Fr



## Instrument - Accessories

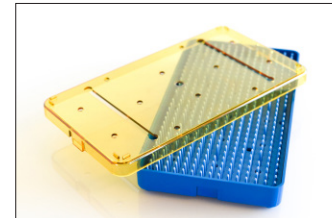
### ● High-Sided Perforated Tray

Item #	Description
SAH.952-HPT	Spectrum High Sided Perforated Tray, 9.875" x 5" x 2", Stainless Steel
SAH.1002-HPT	Spectrum High Sided Perforated Tray, 10" x 6.5" x 2", Stainless Steel
SAH.1202HPT	Spectrum High Sided Perforated Tray, 12.25" x 7.75" x 2.25", Stainless Steel
SAH.1650HPT	Spectrum High Sided Perforated Tray, 16.5" x 10" x 2.5", Stainless Steel
SAH.S12102-HPT	Spectrum High Sided Perforated Tray, 12.75" x 10.375" x 2.5", Stainless Steel



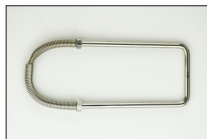
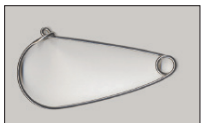
### ● Instrument Protection Tray with Mat

Item #	Description
SAH.101	Spectrum Instrument Protection Tray with Mat, 2.75" x 1.75" x 0.7"
SAH.4800	Spectrum Instrument Protection Tray with Mat, 4" x 7.5" x 0.75"
SAH.111	Spectrum Instrument Protection Tray with Mat, 6" x 2" x 0.75"
SAH.1011	Spectrum Instrument Protection Tray with Mat, 10" x 6" x 0.75"
SAH.211	Spectrum Instrument Protection Tray & Mat, 6" x 3" x 0.75", Autoclavable
SAH.112	Spectrum Instrument Protection Tray & Mat, 10" x 2.75" x 1.5", Autoclavable
SAH.20-1023	Spectrum Instrument Protection Tray & Mat, 10" x 6" x 1.5", Autoclavable



### ● Instrument Stringers

Item #	Description
SAH.22-2805	Spectrum Bunt Ring Stringer 4"
SAH.51-0008	Spectrum End Gate Stringer, 8" x 2.5"
SAH.6QR	Spectrum Quick Rack Stringer, 6" x 2.5", Wide



## Instrument Color-Coding

### INSTRUMENT IDENTIFICATION TAPE ROLLS

1/4" Width

- 300 feet per roll
- Variety of color choices
- Does not interfere with sterilization (Studies available)
- Individually packaged



**White**  
Item # SAH.T-01



**Blue**  
Item # SAH.T-02



**Green**  
Item # SAH.T-03



**Red**  
Item # SAH.T-04



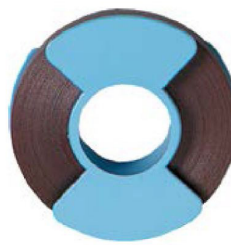
**Yellow**  
Item # SAH.T-05



**Purple**  
Item # SAH.T-06



**Orange**  
Item # SAH.T-07



**Brown**  
Item # SAH.T-08



**Black**  
Item # SAH.T-09

### TAPE APPLICATION INSTRUCTIONS

1. Clean fingers with alcohol to remove oils, grease, and dirt.
2. Wipe tape-site with alcohol to remove any lubricant
3. Tape should be wrapped only 1 to 1 1/2 times around and applied with firm tension.
4. After tape is applied, sterilize instruments. The heat will assist with the bonding of the tape.
5. Tape the shanks of instruments, avoiding instrument rings. Wrapping tape 1 to 1 1/2 times around will not interfere with the closing of most scissor tips.

## Instrument Color-Coding



Purple



Violet



Lavender



Pink



Red



Salmon Orange



Yellow



Mint



Hunter Green



Baby Blue



Blue



Navy Blue



Gray



Brown



White



Black

### SURGICAL INSTRUMENT DIPPED COLOR-CODING

- Helps keep instruments organized
- Reduces processing time
- Eliminates misplacement of instruments
- Durable and fully autoclavable
- 24 month warranty
- 14 different colors to choose from
- Easily identify instruments by set or department

### TO SEND IN YOUR INSTRUMENTS FOR COLOR-CODING

Visit us online at [movora.com](http://movora.com) or contact your local service representative for more information regarding color dipping your instruments.

### DO YOUR COLOR-CODED INSTRUMENTS LOOK LIKE THIS?

#### WE CAN HELP!

We can remove the old color-coding on your existing instruments and re-apply new color-coding!

Visit us online at [Movora.com](http://Movora.com) or contact your local Movora service representative for more information.

*NOTE: Dipping of hollow handled instruments is not available (Curettes, Large Hand Retractor Handles, etc).*



## VetSpectrum - Canine Dental Instruments



**Extrema Canine Extraction Forcep**  
Item # SAH.EV-760101



**Canine Oral Surgery Kit**  
Item # SAH.EV-765100



**Namastava Canine Flap Scissor**  
Item # SAH.EV-760102

Item #	Description
SAH.EV-760105	VetSpectrum Scalpel Handle
SAH.EV-760100	VetSpectrum Cindex Periosteal Elevator
SAH.EV-760103	VetSpectrum Tissue Forcep, 4.5", 1x2 Teeth w/ Fenestrated Handles
SAH.EV-760106	VetSpectrum Dental Winged Elevator, 2mm
SAH.EV-760107	VetSpectrum Dental Winged Elevator, 3mm
SAH.EV-760108	VetSpectrum Dental Winged Elevator, 4mm
SAH.EV-760101	VetSpectrum Extrema Extraction Forcep
SAH.EV-760102	VetSpectrum Namastava Flap Scissor
SAH.EV-760104	VetSpectrum Micro Ryder TC Needle Holder, 5"
SAH.EV-760109	VetSpectrum Northbent Suture Scissor, 4.75"
SAH.EV-721052	Silicone Mat, 280x200mm
SAH.EV-760125	B-Lok Flat Tray - Neon Blue
SAH.EV-760127	Safe-Lok Cover for B-Lock Flat Tray

## VetSpectrum - Feline Dental Instruments



**Avalittle Feline Flap Scissor**  
Item # SAH.EV-760112



**Ultramma Feline Extraction Forcep**  
Item # SAH.EV-760111



**Zen Levitator 1.3mm**  
Item # SAH.EV760113



**Feline Pen Luxator 1.5mm**  
Item # SAH.EV-760114



**Feline Oral Surgery Kit**  
Item # SAH.EV-765105

Item #	Description
SAH.EV-760105	VetSpectrum Scalpel Handle
SAH.EV-760100	VetSpectrum Cindex Periosteal Elevator
SAH.EV-760107	VetSpectrum Dental Winged Elevator, 3mm
SAH.EV-760113	VetSpectrum Zen Levitator, 1.3mm
SAH.EV-760114	VetSpectrum Feline Pen Luxator, 1.5mm
SAH.EV-760111	VetSpectrum Ultramma Extraction Forcep
SAH.EV-760103	VetSpectrum Tissue Forcep, 4.5", 1x2 Teeth w/ Fenestrated Handles
SAH.EV-760112	VetSpectrum Avalittle Flap Scissor
SAH.EV-760104	VetSpectrum Micro Ryder TC Needle Holder, 5"
SAH.EV-760109	VetSpectrum Northbent Suture Scissor, 4.75"
SAH.EV-721052	Silicone Mat, 280x200mm
SAH.EV-760126	B-Lok Flat Tray - Neon Orange
SAH.EV-760127	Safe-Lok Cover for B-Lok Flat Tray

## VetSpectrum - Periodontal Dental Instruments



**MirroDox**  
Item # SAH.EV-760119

**Mirror**  
Item # SAH.EV-760121



SAH.EV-760128



**Periodontal Pack**  
Item # SAH.EV-765110



Item #  
SAH.EV-760116

Item #  
SAH.EV-760117

Item #  
SAH.EV-760118

Item #  
SAH.EV-760120

Item #	Description
SAH.EV-760115	VetSpectrum Periodontal Probe #23/CP15
SAH.EV-760116	VetSpectrum Scaler #34-35 Jaquette - Red Band
SAH.EV-760117	VetSpectrum Curette Gracey Large #1-2 - Green Band
SAH.EV-760118	VetSpectrum Curette Gracey Small #1-2 - Blue Band
SAH.EV-760119	VetSpectrum MirroDox
SAH.EV-760120	Mini Curette - Black Band
SAH.EV-760121	Mega Mouth Mirror 22mm #4
SAH.EV-760128	E-Z Jett Cassette 8-Place - Neon Purple

*Curettes come with a unique color band for easier identification. Blade-side indicators help you find sharp edges.*

# Spectrum - Orthopedic Instruments

## Pin and Wire Instruments

Item #	Description
● SAH.45-885	Spectrum Cerclage Wire Passer, 5.5"
● SAH.48-386	Spectrum Cerclage Wire Passer, 7", Cannulated
● SAH.45-250	Spectrum Cerclage Wire Tightener, 4.75"
● SAH.20-2421	Spectrum Narrow Pliers, 5.5", Delicate
● SAH.20-2451	Spectrum Needle Nose Pliers, 5.5", Narrow Jaw
● SAH.20-0281	Spectrum Needle Nose Locking Pliers, 8.5"
● SAH.20-2491	Spectrum Needle Nose Pliers, Standard, 5.5", Smooth
● SAH.20-2581	Spectrum Flat Nose Pliers, 6", 2mm Tip



Item #	Description
● SAH.20-2441	Spectrum Needle Nose Pliers, 7", Long Jaw, 2mm Tip
● SAH.20-0311	Spectrum Needle Nose Pliers, 12"
● SAH.20-0301	Spectrum Needle Nose Locking Pliers, 10"
● SAH.20-0671	Spectrum Pliers, Locking Vise Grip Style, 8"
● SAH.20-0771	Spectrum Pliers, Locking Vise Grip Style, 9.5"
● SAH.20-0171	Spectrum Pliers, Locking Vise Grip Style, 7"

## Pin and Wire Cutters

Item #	Description
● SAH.20-4016	Spectrum Diamond Pin Wire Cutter, 6.5", Cuts Up to 5/64" (2.0mm)
● SAH.20-0371	Spectrum Parallel Pliers, 7", W/ Wire Cutter
● SAH.99-150	Spectrum Pin Cutter, 5.75", Cuts Up to 5/64", TC
● SAH.20-7021	Spectrum Pin Cutter, 7.5", Cannulated Front Cutting, Cuts Up to 1/16"
● SAH.701695	VetSpectrum Pin Cutter, 7.5", Cannulated Front Cutting, Cuts Up to 1/16"
● SAH.99-162	Spectrum Wire Cutter, 4.75", Cuts Up to 0.7mm, TC
● SAH.99-159	Spectrum Pin Cutter, 7", Side Cutting, Straight, Cuts Up To 5/64", TC
● SAH.701453	VetSpectrum Pin Cutter, 7", Side Cutting, TC, Cuts Up to 1/16"
● SAH.99-156	Spectrum Pin Cutter, 9.25", Side Cutting, Cuts Up To 7/64", TC
● SAH.701456	VetSpectrum Side Pin Cutter 9.25", Tc Jaws 7/64"
● SAH.99-158	Spectrum Pin Cutter, 9.25", Side Cutting, 45 Degree, Tungsten Carbide Jaws, Cuts Up to 7/64"
● SAH.99-164	Spectrum Pin Cutter, 18.5", Cuts Up To 1/4", Non-Removable Handles
● SAH.99-165	Spectrum Pin Cutter, 18.5", Cuts Up To 1/4", Detachable Handles
● SAH.99-152	Spectrum Pin Cutter, 8.75", End Cutting, Cuts Up To 7/64", TC
● SAH.701460	VetSpectrum Hercules Pin Cutter, 9", Side Cutting, TC, Cuts Up to 7/64"



## Hand Chuck and Forcep

### VetSpectrum Hand Chuck

Item #	Description
● Dual Chuck Hand Chuck	Dual Chuck Hand Chuck
● VetSpectrum Mini Hand Chuck	VetSpectrum Mini Hand Chuck



Hand Chuck



Kern Bone Holding Forcep

## Bone Holding Forcep

### Kern Bone Holding Forcep

Item #	Description
● SAH.703757	Spectrum Kern Bone Holding Forcep, 4.5", With Ratchet
● SAH.20-3514	Spectrum Kern Bone Holding Forcep, 5.75", With Ratchet
● SAH.701793	VetSpectrum Kern Bone Holding Forcep, 5.75", With Ratchet
● SAH.701795	VetSpectrum Kern Bone Holding Forcep, 6.75", With Ratchet
● SAH.20-2191	Spectrum Kern Bone Holding Forcep, 8.5", With Ratchet
● SAH.701794	VetSpectrum Kern Bone Holding Forcep, 8.5", With Ratchet
● SAH.703958	Spectrum Kern Bone Holding Forcep, 6.75", With Speed Lock
● SAH.703959	Spectrum Kern Bone Holding Forcep, 8.5", With Speed Lock

Item #	Description
● SAH.46-3002	Spectrum Ikuta Bone Holding Forcep, 2mm, Straight
● SAH.46-3003	Spectrum Ikuta Bone Holding Forcep, 3mm, Straight
● SAH.46-3103	Spectrum Ikuta Bone Holding Forcep, 2mm, Curved
● SAH.20-1331	Spectrum Bone Holding Forcep, 5.25", Curved, .062 Wire Guide
● SAH.20-1771	Spectrum Bone Holding Forcep, 6.75", Curved, .035 Wire Guide
● SAH.35-15-18	Spectrum Dingman Bone Holding Clamp, 7.5", 2x2 Prongs, Curved

### Bone Holding Forcep

Item #	Description
● SAH.20-7502	Spectrum Verbrugge Bone Holding Forcep, 6", With Speedlock
● SAH.20-7531	Spectrum Verbrugge Bone Holding Forcep, 7", With Speedlock
● SAH.33395-17	Spectrum Verbrugge Bone Holding Forcep, 7", With Ratchet
● SAH.20-7503	Spectrum Verbrugge Bone Holding Forcep, 9.5", With Speedlock
● SAH.20-7500	Spectrum Verbrugge Bone Holding Forcep, 10.25", With Speedlock
● SAH.20-7501	Spectrum Verbrugge Bone Holding Forcep, 11", With Speedlock

Item #	Description
● SAH.703740	VetSpectrum Verbrugge Bone Holding Forcep, 6", With Speedlock
● SAH.703741	VetSpectrum Verbrugge Bone Holding Forcep, 7", With Speedlock
● SAH.703742	VetSpectrum Verbrugge Bone Holding Forcep, 9.5", With Speedlock
● SAH.703743	VetSpectrum Verbrugge Bone Holding Forcep, 10.25", With Speedlock

# Bone Reduction Forcep

## Bone Reduction Forcep

Item #	Description
● SAH.20-1108	Spectrum Termite Bone Reduction Forcep, 3.5"
● SAH.20-1137	Spectrum Bone Reduction Forcep, 5", Curved, 10mm Serrated w/ Pointed Tips
● SAH.20-1148	Spectrum Bone Reduction Forcep, 5.5", Slight Clamshell, Curved Jaws
● SAH.35-1138	Spectrum Bone Reduction Forcep, 5.5", Curved, 15mm Serrated w/ Pointed Tips
● SAH.20-5391	Spectrum Bone Reduction Forcep, 5.25", Pointed Tips
● SAH.20-5491	Spectrum Bone Reduction Forcep, 8", 4" Spread, Curved, Pointed Tips
● SAH.20-1120	Spectrum Bone Reduction Forcep, Pointed Tips, 8", Speed Lock
● SAH.703759	Spectrum Bone Reduction Forcep, 6.25", Clam Shell Serrated Tips, Speed Lock
● SAH.20-1231	Spectrum Bone Reduction Forcep, 7", Clam Shell Serrated Tips, Speed Lock
● SAH.703937	Spectrum Bone Reduction Forcep, 9.5", Clam Shell Serrated Tips, Speed Lock
● SAH.733717	VetSpectrum Bone Reduction Forcep, 8", Pointed Tips, Long Ratchet
● SAH.720221	VetSpectrum Setter Bone Holding Forcep, 9.5", Clam Shell Tips, Speedlock
● SAH.700601	VetSpectrum Bone Reduction Forcep, 8.25", Modified Speedlock
● SAH.700602	VetSpectrum Bone Reduction Forcep, 8.25", Modified Ratchet



## Hohmann Retractor

Item #	Description
● SAH.704120	Spectrum Mini Hohmann Retractor, 6.5", 6mm
● SAH.704135	Vet Spectrum Mini-Hohmann Retractor, 6.25", 6mm
● SAH.704125	Vet Spectrum Mini-Hohmann Retractor, 6.25", 8mm
● SAH.704132	Vet Spectrum Hohmann Retractor, 8.75", 2 Finger Holes, 8mm
● SAH.77-1110	Spectrum Hohmann Retractor, 8.75", 10mm
● SAH.704131	Vet Spectrum Hohmann Retractor, 9.25", 2 Finger Holes, 12mm
● SAH.703801	Vet Spectrum Hohmann Retractor, 9.25", 2 Finger Holes, 10mm
● SAH.20-2170	Spectrum Hohmann Retractor, 9.25", 22mm Wide
● SAH.704130	Vet Spectrum Mini-Hohmann Retractor, 6.25", 15mm
● SAH.704133	Vet Spectrum Mini-Hohmann Retractor, 4.75", 1 Finger Hole, 15mm
● SAH.20-9971	Vet Spectrum Hohmann Retractor, 10", Angled Backwards, 43mm
● SAH.741125	Vet Spectrum Hohmann Retractor, 10.75", 2 Finger Holes, Rounded Tip, 24mm
● SAH.25-1167	Spectrum Hohmann Retractor, 11", 22mm Wide, 2 Finger Ring



# Elevators, Mallets, & Osteotomes

## Periosteal Elevators

Item #	Description
● SAH.719630	VetSpectrum Periosteal Elevator 7", Curved, 6mm, Curved End Phenolic Handle
● SAH.20-6207	Spectrum Periosteal Elevator, 7.5", Curved, Straight Tip, 6mm Tip Width, Phenolic Handle
● SAH.701775	VetSpectrum Elevator, 7.25", Straight, 6mm, Rounded Edge Phenolic Handle
● SAH.20-4454	Spectrum Periosteal Elevator, 7.25", Straight, Round Tip, 14mm Tip Width, Phenolic Handle
● SAH.701773	VetSpectrum Elevator, 7.75", Straight, Rounded Edge, 14mm, Phenolic Handle
● SAH.20-1111	Spectrum Periosteal Elevator, 7.75", Curved, Round Tip, 14mm Tip Width, Phenolic Handle
● SAH.719640	VetSpectrum Periosteal Elevator, 7.25", Curved, 14mm Rounded Edge, Phenolic Handle
● SAH.700019	VetSpectrum Periosteal Elevator, 7.25", Straight, Flat Tip, 3mm Tip Width, Phenolic Handle
● SAH.700018	VetSpectrum Periosteal Elevator, 7.5", Straight, Flat Tip, 6mm Tip Width, Phenolic Handle
● SAH.700020	VetSpectrum Periosteal Elevator, 7.25", Slight Curve, Flat Tip, 6mm Tip Width, Phenolic Handle
● SAH.701775	VetSpectrum Periosteal Elevator, 7.25", Straight, Rounded Tip, 6mm Tip Width, Phenolic Handle
● SAH.719630	VetSpectrum Periosteal Elevator, 7.25", Curved, Rounded Tip, 6mm Tip Width, Phenolic Handle
● SAH.700021	VetSpectrum Periosteal Elevator, 7.25", Curved, Flat Tip, 13mm Tip Width, Phenolic Handle
● SAH.701773	VetSpectrum Periosteal Elevator, 7.75", Straight, Rounded Tip, 14mm Tip Width, Phenolic Handle
● SAH.719640	VetSpectrum Periosteal Elevator, 7.25", Curved, Rounded Tip, 14mm Tip Width, Phenolic Handle
● SAH.700022	VetSpectrum Periosteal Elevator, 8", Straight, Rounded Tip, 20mm Tip Width, Phenolic Handle



## Spectrum Mallets

Item #	Description
● SAH.24-3369	Spectrum Mallet, 7.25", Nylon Caps, 135g
● SAH.20-3691	Spectrum Mallet, 11", 454g
● SAH.20-2261	Spectrum Lucae Mallet, 7.5", 227g
● SAH.22-4691	Spectrum Taylor Percussion Hammer, 7", Solid Handle, Pediatric Size, (17.8 cm)
● SAH.733698	Spectrum Partsch Bone Hammer, 7", 22mm Head Diameter, 199g
● SAH.24-3370	Spectrum Replacement Nylon Cap For Mallet 24-3369, (2/PKG)



## VetSpectrum Mallets

Item #	Description
● SAH.702722	VetSpectrum Lucae Mallet, 7.5", 25mm Head, 260 Grams
● SAH.713670	VetSpectrum Mead Mallet, 6.75", 26mm Head, 320 Grams
● SAH.713685	VetSpectrum Replaceable Nylon Caps for SAH.713670
● SAH.720598	VetSpectrum Taylor Percussion Hammer, 8"
● SAH.741115	VetSpectrum Mallet, 6.5", Mini, 20mm Head Diameter, 70 Grams
● SAH.741116	VetSpectrum Mallet, 6.5", Mini, 20mm Head Diameter, 75 Grams
● SAH.741117	VetSpectrum Cottle Mallet, 7.5", 30mm Head Diameter, 240 Grams, Metal Handle
● SAH.741118	Vet Spectrum Heavy Orthopedic Mallet, 10.25", 30mm Head Diameter, 460 grams
● SAH.741119	VetSpectrum Heavy Orthopedic Mallet, 10.25", 45mm Head Diameter, 900 Grams
● SAH.741120	VetSpectrum Mallet, 7.25", 25mm Head Diameter, 135 grams, Nylon Caps
● SAH.741121	VetSpectrum Replaceable Nylon Caps for SAH.741120 (2 Pack)

## Elevators, Mallets, & Osteotomes

### ● Spectrum Lambotte Osteotomes

Item #	Description
SAH.20-4891	Spectrum Lambotte Osteotome, 5", 2mm, Straight, Pedifine
SAH.20-4911	Spectrum Lambotte Osteotome, 5", 4mm, Straight, Pedifine
SAH.20-4931	Spectrum Lambotte Osteotome, 5", 6mm, Straight, Pedifine
SAH.20-4951	Spectrum Lambotte Osteotome, 5", 8mm, Straight, Pedifine
SAH.20-4971	Spectrum Lambotte Osteotome, 5", 10mm, Straight, Pedifine
SAH.20-4991	Spectrum Lambotte Osteotome, 5", 12mm, Straight, Pedifine
SAH.20-4001	Spectrum Junior Lambotte Osteotome, 7.25", 22mm, Straight
SAH.20-4591	Spectrum Lambotte Osteotome, 9", 6mm, .25", Straight
SAH.20-4651	Spectrum Lambotte Osteotome, 9", 19mm, 0.75", Straight

### ● VetSpectrum Lambotte Osteotomes - Mini Straight

Item #	Description
SAH.733602	VetSpectrum Mini-Lambotte Osteotome, Straight, 5", 2mm
SAH.733603	VetSpectrum Mini-Lambotte Osteotome, Straight, 5", 3mm
SAH.733604	VetSpectrum Mini-Lambotte Osteotome, Straight, 5", 4mm
SAH.733606	VetSpectrum Mini-Lambotte Osteotome, Straight, 5", 6mm
SAH.704178	VetSpectrum Mini-Lambotte Osteotome, Straight, 5", 8mm
SAH.704191	VetSpectrum Mini-Lambotte Osteotome, Straight, 5", 10mm
SAH.733612	VetSpectrum Mini-Lambotte Osteotome, Straight, 5", 12mm
SAH.20-4901	VetSpectrum Mini-Lambotte Osteotome, Straight, 5", 15mm

### ● VetSpectrum Lambotte Osteotomes - Calibrated

Item #	Description
SAH.733202	VetSpectrum Mini-Lambotte Osteotome, Straight, 6.75", 2mm, Calibrated
SAH.733203	VetSpectrum Mini-Lambotte Osteotome, Straight, 6.75", 3mm, Calibrated
SAH.733621	VetSpectrum Mini-Lambotte Osteotome, Straight, 6.75", 4mm, Calibrated
SAH.735606	VetSpectrum Mini-Lambotte Osteotome, Straight, 6.75", 6mm, Calibrated
SAH.733623	VetSpectrum Mini-Lambotte Osteotome, Straight, 6.75", 8mm, Calibrated
SAH.733624	VetSpectrum Mini-Lambotte Osteotome, Straight, 6.75", 10mm, Calibrated
SAH.733625	VetSpectrum Mini-Lambotte Osteotome, Straight, 6.75", 12mm, Calibrated
SAH.733215	VetSpectrum Mini-Lambotte Osteotome, Straight, 6.75", 15mm, Calibrated

### ● VetSpectrum Lambotte Osteotomes - Straight

Item #	Description
SAH.735904	VetSpectrum Lambotte Osteotome, 9.5", Straight, 4mm
SAH.735900	VetSpectrum Lambotte Osteotome, 9.5", Straight, 6mm
SAH.735901	VetSpectrum Lambotte Osteotome, 9.5", Straight, 8mm
SAH.735902	VetSpectrum Lambotte Osteotome, 9.5", Straight, 10mm
SAH.735903	VetSpectrum Lambotte Osteotome, 9.5", Straight, 13mm
SAH.735905	VetSpectrum Lambotte Osteotome, 9.5", Straight, 16mm
SAH.735906	VetSpectrum Lambotte Osteotome, 9.5", Straight, 18mm
SAH.735907	VetSpectrum Lambotte Osteotome, 9.5", Straight, 20mm
SAH.735908	VetSpectrum Lambotte Osteotome, 9.5", Straight, 25mm
SAH.735909	VetSpectrum Lambotte Osteotome, 9.5i", Straight, 30mm
SAH.735910	VetSpectrum Lambotte Osteotome, 9.5", Straight, 38mm
SAH.735911	VetSpectrum Lambotte Osteotome, 9.5", Straight, 44mm
SAH.735912	VetSpectrum Lambotte Osteotome, 9.5", Straight, 50mm
SAH.735913	VetSpectrum Lambotte Osteotome, 9.5", Curved, 4mm
SAH.735914	VetSpectrum Lambotte Osteotome, 9.5", Curved, 6mm
SAH.735915	VetSpectrum Lambotte Osteotome, 9.5", Curved, 8mm
SAH.735916	VetSpectrum Lambotte Osteotome, 9.5", Curved, 10mm
SAH.735917	VetSpectrum Lambotte Osteotome, 9.5", Curved, 13mm
SAH.735918	VetSpectrum Lambotte Osteotome, 9.5", Curved, 16mm
SAH.735919	VetSpectrum Lambotte Osteotome, 9.5", Curved, 18mm
SAH.735920	VetSpectrum Lambotte Osteotome, 9.5", Curved, 20mm
SAH.735921	VetSpectrum Lambotte Osteotome, 9.5", Curved, 25mm
SAH.735925	VetSpectrum Lambotte Osteotome, 9.5", Curved, 30mm
SAH.735922	VetSpectrum Lambotte Osteotome, 9.5", Curved, 38mm
SAH.735923	VetSpectrum Lambotte Osteotome, 9.5", Curved, 44mm
SAH.735924	VetSpectrum Lambotte Osteotome, 9.5", Curved, 50mm



● **Spectrum**  
Operating Room quality  
for General Practice

● **VetSpectrum**  
Premium quality for Specialty  
& Referral Hospitals

## Elevators, Mallets, & Osteotomes

### ● VetSpectrum Hibbs Osteotomes - Straight

Item #	Description
SAH.777000	VetSpectrum Hibbs Osteotome, 9.5", 6mm, Straight
SAH.777001	VetSpectrum Hibbs Osteotome, 9.5", 9mm, Straight
SAH.777002	VetSpectrum Hibbs Osteotome, 9.5", 13mm, Straight
SAH.777003	VetSpectrum Hibbs Osteotome, 9.5", 16mm, Straight
SAH.777004	VetSpectrum Hibbs Osteotome, 9.5", 19mm, Straight
SAH.777005	VetSpectrum Hibbs Osteotome, 9.5", 22mm, Straight
SAH.777006	VetSpectrum Hibbs Osteotome, 9.5", 25mm, Straight
SAH.777007	VetSpectrum Hibbs Osteotome, 9.5", 28mm, Straight
SAH.777008	VetSpectrum Hibbs Osteotome, 9.5", 32mm, Straight
SAH.777009	VetSpectrum Hibbs Osteotome, 9.5", 38mm, Straight

### ● VetSpectrum Hibbs Osteotomes - Curved

Item #	Description
SAH.777010	VetSpectrum Hibbs Osteotome, 9.5", 6mm, Curved
SAH.777011	VetSpectrum Hibbs Osteotome, 9.5", 9mm, Curved
SAH.777012	VetSpectrum Hibbs Osteotome, 9.5", 13mm, Curved
SAH.777013	VetSpectrum Hibbs Osteotome, 9.5", 16mm, Curved
SAH.777014	VetSpectrum Hibbs Osteotome, 9.5", 19mm, Curved
SAH.777015	VetSpectrum Hibbs Osteotome, 9.5", 22mm, Curved
SAH.777016	VetSpectrum Hibbs Osteotome, 9.5", 25mm, Curved
SAH.777017	VetSpectrum Hibbs Osteotome, 9.5", 28mm, Curved
SAH.777018	VetSpectrum Hibbs Osteotome, 9.5", 32mm, Curved
SAH.777019	VetSpectrum Hibbs Osteotome, 9.5", 38mm, Curved



### ● VetSpectrum Hoke Osteotomes

Item #	Description
SAH.702712	VetSpectrum Hoke Osteotome, 5.5", 3mm
SAH.702713	VetSpectrum Hoke Osteotome, 5.5", 5mm
SAH.702714	VetSpectrum Hoke Osteotome, 5.5", 6mm
SAH.702715	VetSpectrum Hoke Osteotome, 5.5", 8mm
SAH.702716	VetSpectrum Hoke Osteotome, 5.5", 13mm



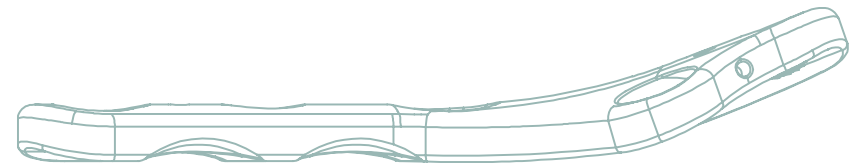
### ● VetSpectrum Sheehan Osteotomes

Item #	Description
SAH.777100	VetSpectrum Sheehan Osteotome, 6.75", 2mm, Straight
SAH.777101	VetSpectrum Sheehan Osteotome, 6.75", 3mm, Straight
SAH.777102	VetSpectrum Sheehan Osteotome, 6.75", 4mm, Straight
SAH.777103	VetSpectrum Sheehan Osteotome, 6.75", 5mm, Straight
SAH.777104	VetSpectrum Sheehan Osteotome, 6.75", 6mm, Straight
SAH.777105	VetSpectrum Sheehan Osteotome, 6.75", 7mm, Straight
SAH.777106	VetSpectrum Sheehan Osteotome, 6.75", 8mm, Straight
SAH.777107	VetSpectrum Sheehan Osteotome, 6.75", 10mm, Straight
SAH.777108	VetSpectrum Sheehan Osteotome, 6.75", 12mm, Straight

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## Locking Implants

**Fracture and Trauma**  
Lengthening/Bridging

**Joint Management**  
TPLO  
Arthrodesis

**Special Situation**  
Distal Femur  
Limb Salvage



# 1.5 MM LOCKING FRACTURE PLATES

1.5mm Locking and Cortical Screws can be found in this section.



DESIGNED FOR  
TOY BREED

### Product Features

- Ideal size for teacup and toy breeds
- Low profile with all locking holes
- T6-25 Driver Head Screws (S ST 1.5mm, SLH ST 1.5mm)

### All Plates

Width: 4.2 mm | Thickness: 1.0 mm  
Distance between centers of holes: 5.0 mm | Stainless steel

\* Indicates Compression Holes

### 1.5 mm Locking Adaption Plates

ITEM: DT AP 1.506 (Length: 29 mm) | ITEM: DT AP 1.512 (Length: 59 mm)



### 1.5 mm Locking Condylar Plate

ITEM: DT CON 1.5 2T6 (Length: 36 mm)



### 1.5 mm Locking Y Plate

ITEM: DT 1.5 3Y8 (Length: 46 mm)



### 1.5 mm Locking H Plates

ITEM: DT H 1.5 L (Length: 22 mm, Width: 12mm) | ITEM: DT H 1.5 R (Length: 22 mm, Width: 12mm)



### 1.5 mm Combination Locking Compression Plates

Low Contact, Narrow

ITEM #	HOLES	LENGTH (mm)
CDT L LC 1.504	4	23
CDT L LC 1.505	5	29.5
CDT L LC 1.506	6	36
CDT L LC 1.507	7	42.5
CDT L LC 1.508	8	49
CDT L LC 1.509	9	55.5
CDT L LC 1.510	10	62



### 1.5 mm Locking T Plates

ITEM: DT 1.5 3T8 (Length: 44.5 mm) | ITEM: DT 1.5 4T8 (Length: 44.5 mm)



### 1.5mm Double-Threaded (DT) Plate Holder and Contouring Lever

ITEM: DT PH 1.5 (Priced individually - Sold as a set)

### Product Features

- Preserves threaded hole integrity while contouring
- Works best with our 1.5mm Double-threaded Locking System
- Assists in contouring implants for a perfect fit
- Acts as a plate holder when used individually
- Stainless steel
- Autoclavable



1.5mm fracture system is recommended for safe weight up to 2.5kg / 5.5lbs. This weight suggestion is a guide. The plate, pin and screw selections remains the surgeon's decision, considering specific factors such as complexity of the fracture, age of the patient, body mass index, anatomy and owner compliance, etc. Please reach out to your Movora team to request consultation when needed.

## DT (DOUBLE-THREADED) LOCKING DRILL GUIDES

Use these drill guides with double-threaded locking plates only.

Additional locking implants for specialty situations such as DPO/TPO, Arthrodesis, Distal Femur and Radial Endoprosthesis can be found within this section.



**ITEM: DT LDG 1.5**  
Drill Bit 1.1 mm | Screw Size 1.5 mm



**ITEM: DT LDG 2.0**  
Drill Bit 1.5 mm | Screw Size 2.0 mm



**ITEM: DT LDG 2.4**  
Drill Bit 1.8 mm | Screw Size 2.4 mm



**ITEM: DT LDG 2.7**  
Drill Bit 2.0 mm | Screw Size 2.7 mm



**ITEM: DT LDG 3.5**  
Drill Bit 2.8 mm | Screw Size 3.5 mm



Also provides  
secure handle to  
hold when placing  
bone plates.



**ITEM: DT LDG 3.5 L**  
Drill Bit 2.8 mm | Screw Size 3.5 mm



**ITEM: DT LDG 4.0**  
Drill Bit 3.2mm | Screw Size 4.0 mm



**ITEM: DT LDG 5.0**  
Drill Bit 4.3 mm | Screw Size 5.0 mm



## 2.0 mm Locking Plates

### Product Features

- Flat, low contact
- Distance between center of holes: 3.0 mm
- Accepts SLH ST, HLH ST, and Cortical Screws
- Stainless steel
- Pin holes for temporary fixation

ITEM #	HOLES	LENGTH (mm)
DT L LC 2.004	4	25
DT L LC 2.005	5	31
DT L LC 2.006	6	37
DT L LC 2.007	7	43
DT L LC 2.008	8	49
DT L LC 2.009	9	55
DT L LC 2.010	10	61
DT L LC 2.011	11	67
DT L LC 2.012	12	73
DT L LC 2.013	13	79
DT L LC 2.014	14	85



DT L LC 2.008



DT L LC 2.014

Width: 5.5 mm | Thickness 1.5 mm

## 2.0 mm Locking Cuttable Plate

### Product Features

- Flat, low contact
- Distance between center of holes: 3.0 mm
- Accepts SLH ST, HLH ST, and Cortical Screws
- Stainless steel

Length: 100mm | Width: 5 mm | Thickness: 1.2 mm



DT L 2.020 CUT

## 2.0 mm Combination Locking Compression Plates

### Product Features

- Low contact
- Distance between round hole and multipurpose hole: 7 mm
- Distance between multipurpose holes: 7 mm
- Accepts SLH ST, HLH ST, and Cortical Screws
- Stainless steel
- Pin holes for temporary fixation

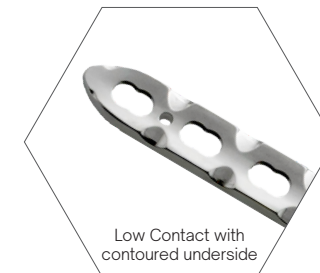


CDT L LC 2.004



CDT L LC 2.010

Width: 5.6 mm | Thickness 1.5 mm



Low Contact with contoured underside

ITEM #	HOLES	LENGTH (mm)
CDT L LC 2.004	4	28
CDT L LC 2.005	5	35
CDT L LC 2.006	6	42
CDT L LC 2.007	7	49
CDT L LC 2.008	8	56
CDT L LC 2.009	9	63
CDT L LC 2.010	10	70
CDT L LC 2.012	12	84
CDT L LC 2.014	14	98

## LOCKING FRACTURE PLATES



### 2.4 mm Locking Plates

Product Features

- Flat, low contact
- Distance between center of holes: 7.0 mm
- Accepts SLH ST, HLH ST, and Cortical Screws
- Stainless steel
- Pin holes for temporary fixation



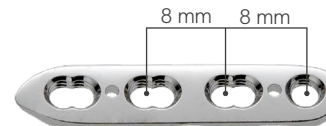
DT L LC 2.416

ITEM #	HOLES	LENGTH (mm)
DT L LC 2.004	4	25
DT L LC 2.005	5	31
DT L LC 2.006	6	37
DT L LC 2.007	7	43
DT L LC 2.008	8	49
DT L LC 2.009	9	55
DT L LC 2.010	10	61
DT L LC 2.011	11	67
DT L LC 2.012	12	73
DT L LC 2.013	13	79
DT L LC 2.014	14	85

### 2.4 mm Combination Locking Compression Plates

Product Features

- Low contact
- Distance between round hole and multipurpose hole: 8 mm
- Distance between multipurpose holes: 8 mm
- Accepts SLH ST, HLH ST, and Cortical Screws
- Stainless steel
- Pin holes for temporary fixation



CDT L LC 2.404



CDT L LC 2.410

ITEM #	HOLES	LENGTH (mm)
CDT L LC 2.404	4	33
CDT L LC 2.405	5	41
CDT L LC 2.406	6	49
CDT L LC 2.407	7	57
CDT L LC 2.408	8	65
CDT L LC 2.409	9	73
CDT L LC 2.410	10	81
CDT L LC 2.412	12	97
CDT L LC 2.414	14	113



### 2.7 mm Locking Plates

Product Features

- Flat, low contact
- Distance between center of holes: 8.0 mm
- Accepts SLH ST, HLH ST, and Cortical Screws
- Stainless steel
- Pin holes for temporary fixation



ITEM: DT L LC 2.710

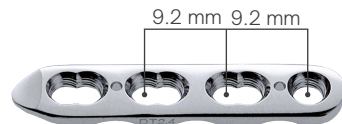
Width: 8.0 mm | Thickness: 2.5 mm

ITEM #	HOLES	LENGTH (mm)
DT L LC 2.704	4	34
DT L LC 2.705	5	42
DT L LC 2.706	6	50
DT L LC 2.707	7	58
DT L LC 2.708	8	66
DT L LC 2.709	9	74
DT L LC 2.710	10	82
DT L LC 2.711	11	90
DT L LC 2.712	12	98
DT L LC 2.713	13	106
DT L LC 2.714	14	114
DT L LC 2.715	15	122
DT L LC 2.716	16	130

### 2.7 mm Combination Locking Compression Plates

Product Features

- Low contact
- Distance between round hole and multipurpose hole: 9.2 mm
- Distance between multipurpose holes: 9.2 mm
- Accepts SLH ST, HLH ST, and Cortical Screws
- Stainless steel
- Pin holes for temporary fixation



ITEM: CDT L LC 2.404

Width: 7.5 mm | Thickness: 2.7 mm

ITEM #	HOLES	LENGTH (mm)
CDT L LC 2.704	4	37
CDT L LC 2.705	5	46
CDT L LC 2.706	6	55
CDT L LC 2.707	7	64
CDT L LC 2.708	8	72
CDT L LC 2.709	9	82
CDT L LC 2.710	10	91
CDT L LC 2.712	12	109
CDT L LC 2.714	14	127
CDT L LC 2.716	16	145



ITEM: CDT L LC 2.410

## LOCKING FRACTURE PLATES

### 3.5 mm Narrow Locking Plates

#### Product Features

- Flat, low contact
- Distance between center of holes: 10.0 mm
- Accepts SLH ST, HLH ST, and Cortical Screws
- Pin holes for temporary fixation



ITEM: DT L LC 3.507 N

Width: 10.0 mm | Thickness: 3.2 mm

ITEM #	HOLES	LENGTH (mm)
DT L LC 3.504 N	4	46
DT L LC 3.505 N	5	56
DT L LC 3.506 N	6	66
DT L LC 3.507 N	7	76
DT L LC 3.508 N	8	86
DT L LC 3.509 N	9	96
DT L LC 3.510 N	10	106
DT L LC 3.511 N	11	116

ITEM #	HOLES	LENGTH (mm)
DT L LC 3.512 N	12	126
DT L LC 3.513 N	13	136
DT L LC 3.514 N	14	146
DT L LC 3.515 N	15	156
DT L LC 3.516 N	16	166
DT L LC 3.517 N	17	176
DT L LC 3.518 N	18	186

### 3.5 mm Combination Narrow Locking Compression Plates

#### Product Features

- Low contact
- Distance between round hole and multipurpose hole: 13 mm
- Distance between multipurpose holes: 13 mm
- Accepts SLH ST, HLH ST, and Cortical Screws
- Stainless steel
- Pin holes for temporary fixation



ITEM: CDT L LC 3.504 NCP

Width: 11.0 mm | Thickness: 3.3 mm

ITEM #	HOLES	LENGTH (mm)
CDT L LC 3.506 NCP	6	80
CDT L LC 3.507 NCP	7	93
CDT L LC 3.508 NCP	8	106
CDT L LC 3.509 NCP	9	119
CDT L LC 3.510 NCP	10	132
CDT L LC 3.511 NCP	11	145
CDT L LC 3.512 NCP	12	158

ITEM #	HOLES	LENGTH (mm)
CDT L LC 3.513 NCP	13	171
CDT L LC 3.514 NCP	14	184
CDT L LC 3.515 NCP	15	197
CDT L LC 3.516 NCP	16	210
CDT L LC 3.517 NCP	17	223
CDT L LC 3.518 NCP	18	236
CDT L LC 3.520 NCP	20	262

### 3.5 mm Broad Locking Plates

#### Product Features

- Flat, low contact
- Distance between center of holes: 10.0 mm
- Accepts SLH ST, HLH ST, and Cortical Screws
- Stainless steel
- Pin holes for temporary fixation



ITEM: DT L LC 3.508 B

Width: 12.0 mm | Thickness: 4.0 mm

Use Large Plate Bending Iron for contouring ITEM: LPBI

ITEM #	HOLES	LENGTH (mm)
DT L LC 3.504 B	4	46
DT L LC 3.505 B	5	56
DT L LC 3.506 B	6	66
DT L LC 3.507 B	7	76
DT L LC 3.508 B	8	86
DT L LC 3.509 B	9	96
DT L LC 3.510 B	10	106
DT L LC 3.511 B	11	116
DT L LC 3.512 B	12	126

ITEM #	HOLES	LENGTH (mm)
DT L LC 3.513 B	13	136
DT L LC 3.514 B	14	146
DT L LC 3.515 B	15	156
DT L LC 3.516 B	16	166
DT L LC 3.517 B	17	176
DT L LC 3.518 B	18	186
DT L LC 3.519 B	19	196
DT L LC 3.520 B	20	206

# LOCKING FRACTURE PLATES

\* Indicates Compression Holes

ITEM #	HOLES	LENGTH (mm)
CDT L LC 3.504 BCP	4	54
CDT L LC 3.505 BCP	5	67
CDT L LC 3.506 BCP	6	80
CDT L LC 3.507 BCP	7	93
CDT L LC 3.508 BCP	8	106
CDT L LC 3.509 BCP	9	119
CDT L LC 3.510 BCP	10	132
CDT L LC 3.511 BCP	11	145
CDT L LC 3.512 BCP	12	158

ITEM #	HOLES	LENGTH (mm)
CDT L LC 3.513 BCP	13	171
CDT L LC 3.514 BCP	14	184
CDT L LC 3.515 BCP	15	197
CDT L LC 3.516 BCP	16	210
CDT L LC 3.517 BCP	17	223
CDT L LC 3.518 BCP	18	236
CDT L LC 3.519 BCP	19	249
CDT L LC 3.520 BCP	20	262

Use Large Plate Bending Iron for contouring

## 3.5 mm Broad Locking Compression Plates

Product Features

- Low contact
- Distance between round hole and multipurpose hole: 10 mm
- Distance between multipurpose holes: 13 mm
- Accepts SLH ST, HLH ST, and Cortical Screws
- Stainless steel
- Pin holes for temporary fixation



ITEM: CDT L LC 3.508 BCP

Width: 12.0 mm | Thickness: 4.0 mm

ITEM #	HOLES	LENGTH (mm)
DT L LC 4.504 N	4	67
DT L LC 4.505 N	5	80
DT L LC 4.506 N	6	93
DT L LC 4.507 N	7	106
DT L LC 4.508 N	8	119
DT L LC 4.509 N	9	132
DT L LC 4.510 N	10	145

ITEM #	HOLES	LENGTH (mm)
DT L LC 4.511 N	11	158
DT L LC 4.512 N	12	171
DT L LC 4.513 N	13	184
DT L LC 4.515 N	15	210
DT L LC 4.516 N	16	223
DT L LC 4.519 N	19	262
DT L LC 4.522 N	22	301

Use Large Plate Bending Iron for contouring

## 4.5 mm Narrow Locking Plates

Product Features

- Flat, low contact
- Distance between center of holes: 13.0 mm
- Accepts 4.0mm & 5.0mm SLH ST, and Cortical Screws
- Stainless steel



ITEM: DT L LC 4.506 N

Width: 13.5 mm | Thickness: 4.5 mm

ITEM #	HOLES	LENGTH (mm)
DT L LC 4.508 B	8	119
DT L LC 4.509 B	9	132
DT L LC 4.510 B	10	145
DT L LC 4.511 B	11	158
DT L LC 4.512 B	12	171
DT L LC 4.513 B	13	184
DT L LC 4.515 B	15	210
DT L LC 4.516 B	16	223
DT L LC 4.519 B	19	262
DT L LC 4.522 B	22	301

## 4.5 mm Broad Locking Plates

Product Features

- Flat, low contact
- Distance between center of holes: 13.0 mm
- Accepts 4.0mm and 5.0mm SLH ST, and Cortical Screws
- Stainless steel



ITEM: DT L LC 4.508 B

Width: 17.0 mm | Thickness: 5.8 mm

Use Large Plate Bending Iron for contouring

# LOCKING FRACTURE PLATES

\* Indicates Compression Holes



ITEM #	HOLES	LENGTH (mm)	K-wire Size
DT L LC 1.5 2T5	7	35	0.032
DT L LC 2.0 2T5	7	50	0.045
DT L LC 2.0 3T5	8	50	0.045
DT L LC 2.4 2T23 CUT	25	168	N/A
DT L LC 2.4 2T24 CUT	26	168	N/A
DT L LC 2.4 2T25 CUT	27	168	N/A
DT L LC 2.4/2.7 2T5	7	55	0.045
DT L LC 2.4/2.7 3T5	8	55	0.045
DT L LC 2.4/2.7 3T20 CUT	23	165	0.045
DT L LC 3.5 2T5	7	75	0.062
DT L LC 3.5 3T5	8	75	0.062

## Locking T Plates

### Product Features

- Flat, low contact
- Locking and compression holes
- Accepts SLH ST, HLH ST, and Cortical Screws
- Stainless steel



**ITEM: DT L LC 1.5 2T5**

Width (head): 5 mm | Thickness: 1.5 mm | Distance between center of holes in head: 3.7 mm



**ITEM: DT L LC 2.0 2T5 AND DT L LC 2.0 3T5**

Width (head): 8.7 mm | Thickness: 1.5 mm | Distance between center of holes in head: 3.2 mm



**ITEM: DT L LC 2.4/2.7 2T5 AND DT L LC 2.4/2.7 3T5**

Width (head): 13 mm | Thickness: 2.0 mm | Distance between center of holes in head: 5.7 mm



**ITEM: DT L LC 3.5 2T5 AND DT L LC 3.5 3T5**

Width (head): 20 mm | Thickness: 3.0 mm | Distance between center of holes in head: 9.5 mm



**ITEM: DT L LC 2.4 2T23 CUT, DT L LC 2.4 2T24 CUT AND DT L LC 2.4 2T25 CUT**

Width (head): 12 mm | Thickness: 1.9 mm | Distance between center of holes in head: 5.2 mm



Our item codes include the size and style of the plate, along with the plate features and the material if anything other than the standard implant grade stainless steel (i.e Titanium).

We have created appropriate and clear abbreviations within each item Product Code so the codes are easy to understand.



TPLO PATIENT WEIGHT RECOMMENDATIONS		
PLATE SIZE	LBS.	KGS.
> 1.5	Under 9 lbs	Under 4 kg
> 2.0	9 - 15 lbs	4 - 7 kg
> 2.4	15 - 25 lbs	7 - 11 kg
> 2.7	25 - 30 lbs	11 - 13 kg
> 2.7 Broad	30 - 45 lbs	13 - 20 kg
> 3.5 Small	35 - 50 lbs	16 - 23 kg
> 3.5	50 - 80 lbs	23 - 36 kg
> 3.5 Broad	80 - 100 lbs	36 - 45 kg
> 3.5 Jumbo	100 - 180 lbs	45 - 82 kg
> 4.0 / 5.0 Jumbo +	180 lbs +	82 kg +

Please specify Right or Left when ordering TPLO Plates

This plate selection chart is a guide. The plate, pin and screw selections remains the surgeon's decision, considering specific factors such as complexity of the fracture, age of the patient, body mass index, owner compliance, etc. We encourage surgeons to call Movora and request a consultation when needed.



## TPLO PLATES

The most widely accepted TPLO Plates on the market!

**Tibial Plateau Leveling Osteotomy (TPLO)**  
is one of many treatment options related to CrCL ruptures:

The tibial plateau is leveled by making an osteotomy with a curved saw and rotating the plateau. The osteotomy is compressed and secured with a plate and screws. The leveling of the tibial plateau stabilizes the joint by eliminating tibial thrust.



### BIOCURVE

The BioCurve TPLO plate is a novel plate designed in collaboration with BioMedtrix and based on the original TPLO Curve®. This version features DT fixed angle locking holes, and conforms naturally to the shape of the tibia.



### COMPRESIV

Our TPLO plates were designed leveraging the R&D excellence within the Movora brands with features promoting optimal vascularity and accelerated healing. This plate features DT locking holes, sliding pin hole, and Hohmann retractor slot.



### VERSIV

Our new TPLO plates were designed leveraging the R&D excellence within the Movora brands with features promoting optimal vascularity and accelerated healing. This plate features distal multi-purpose holes that allow locking, neutral or compression screws.

---

#### Common Plate Features Include:

- Matte finish to reduce glare during surgery
  - Minimal contact under surface for increased vascularity and accelerated healing
  - Caudally oriented and pre-contoured curved design to best fit the tibial anatomy
-

**Product Features**

- Caudally oriented
- Divot for reduction forceps
- DT locking holes proximally & distally
- Dual compression slots
- Pin holes for temporary fixation
- Stainless steel with matte finish

Accepts the following screws:

- Locking (SLH ST or HLH ST)
- Cortical (S ST or ST)

**LOCKING BIOCURVE TPLO PLATES**

\*Available in HyProtect



**1.5 Locking BioCurve TPLO Plate**



BioCurve Left ITEM #: **BC-15L**      HyProtect Left ITEM #: **AH-BC-15L**  
 BioCurve Right ITEM #: **BC-15R**      HyProtect Right ITEM #: **AH-BC-15R**

Length: 23 mm | Width: 5 mm | Thickness: 1.5 mm

**2.0 Locking BioCurve TPLO Plate**



BioCurve Left ITEM #: **BC-20L**      HyProtect Left ITEM #: **AH-BC-20L**  
 BioCurve Right ITEM #: **BC-20R**      HyProtect Right ITEM #: **AH-BC-20R**

Length: 32 mm | Width: 7 mm | Thickness: 2 mm

**2.4 Locking BioCurve TPLO Plate**



BioCurve Left ITEM #: **BC-24L**      HyProtect Left ITEM #: **AH-BC-24L**  
 BioCurve Right ITEM #: **BC-24R**      HyProtect Right ITEM #: **AH-BC-24R**

Length: 35 mm | Width: 7 mm | Thickness: 2 mm

**2.7 Locking BioCurve TPLO Plate**



BioCurve Left ITEM #: **BC-27L**      HyProtect Left ITEM #: **AH-BC-27L**  
 BioCurve Right ITEM #: **BC-27R**      HyProtect Right ITEM #: **AH-BC-27R**

Length: 46 mm | Width: 9 mm | Thickness: 2.5 mm

**2.7 Broad Locking BioCurve TPLO Plate**



BioCurve Left ITEM #: **BC-27BL**      HyProtect Left ITEM #: **AH-BC-27BL**  
 BioCurve Right ITEM #: **BC-27BR**      HyProtect Right ITEM #: **AH-BC-27BR**

Length: 51 mm | Width: 9 mm | Thickness: 2.8 mm

**3.5 Small Locking BioCurve TPLO Plate**



BioCurve Left ITEM #: **BC-35SML**      HyProtect Left ITEM #: **AH-BC-35SML**  
 BioCurve Right ITEM #: **BC-35SMR**      HyProtect Right ITEM #: **AH-BC-35SMR**

Length: 55 mm | Width: 11 mm | Thickness: 3.5 mm

**Product Features**

- Caudally oriented
- Divot for reduction forceps
- DT locking holes proximally & distally
- Dual compression slots
- Pin holes for temporary fixation
- Stainless steel with matte finish

Accepts the following screws:

- Locking (SLH ST or HLH ST)
- Cortical (S ST or ST)

**LOCKING BIOCURVE TPLO PLATES**

\*Available in HyProtect



**3.5 Locking BioCurve TPLO Plate**



BioCurve Left ITEM #: **BC-35L**    HyProtect Left ITEM #: **AH-BC-35L**  
BioCurve Right ITEM #: **BC-35R**    HyProtect Right ITEM #: **AH-BC-35R**

Length: 65 mm | Width: 11 mm | Thickness: 3.5 mm

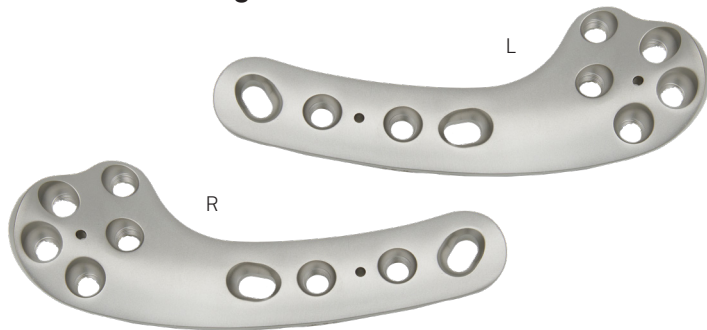
**3.5 Broad Locking BioCurve TPLO Plate**



BioCurve Left ITEM #: **BC-35BL**    HyProtect Left ITEM #: **AH-BC-35BL**  
BioCurve Right ITEM #: **BC-35BR**    HyProtect Right ITEM #: **AH-BC-35BR**

Length: 80 mm | Width: 14 mm | Thickness: 3.7 mm

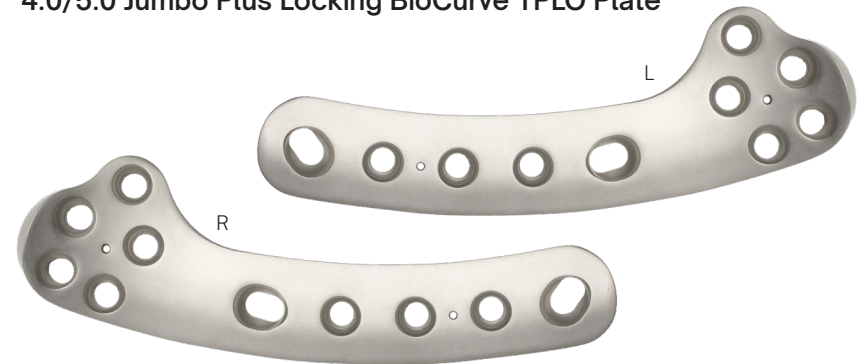
**3.5 Jumbo Locking BioCurve TPLO Plate**



BioCurve Left ITEM #: **BC-35JL**    HyProtect Left ITEM #: **AH-BC-35JL**  
BioCurve Right ITEM #: **BC-35JR**    HyProtect Right ITEM #: **AH-BC-35JR**

Length: 85 mm | Width: 15 mm | Thickness: 4 mm

**4.0/5.0 Jumbo Plus Locking BioCurve TPLO Plate**



BioCurve Left ITEM #: **BC-35JPL**    HyProtect Left ITEM #: **AH-BC-35JPL**  
BioCurve Right ITEM #: **BC-35JPR**    HyProtect Right ITEM #: **AH-BC-35JPR**

Length: 119 mm | Width: 20 mm | Thickness: 5 mm

**Product Features**

- Caudally oriented
- Curved distal portion
- Distal sliding pin hole
- Divot for reduction forceps
- Hohmann retractor slot
- DT locking holes proximally & distally
- Pin holes for temporary fixation
- Stainless steel with matte finish

Accepts the following screws:

- Locking (SLH ST or HLH ST)
- Cortical (S ST or ST)

**LOCKING COMPRESIV TPLO PLATES**

\*Available in HyProtect



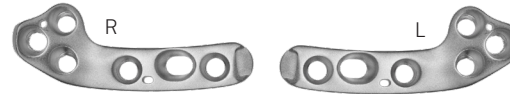
**1.5 Locking Compressiv TPLO Plate**



Compressiv Left ITEM #: **XC15L**    HyProtect Left ITEM #: **AH-XC15L**  
Compressiv Right ITEM #: **XC15R**    HyProtect Right ITEM #: **AH-XC15R**

Length: 25 mm | Width: 5 mm | Thickness: 1.5 mm

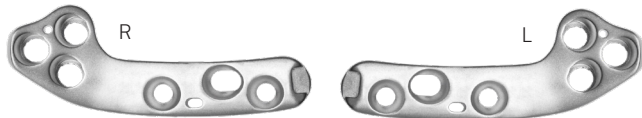
**2.0 Locking Compressiv TPLO Plate**



Compressiv Left ITEM #: **XC20L**    HyProtect Left ITEM #: **AH-XC20L**  
Compressiv Right ITEM #: **XC20R**    HyProtect Right ITEM #: **AH-XC20R**

Length: 30 mm | Width: 5 mm | Thickness: 2 mm

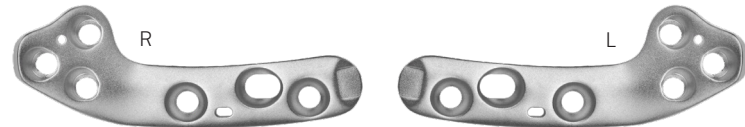
**2.4 Locking Compressiv TPLO Plate**



Compressiv Left ITEM #: **XC24L**    HyProtect Left ITEM #: **AH-XC24L**  
Compressiv Right ITEM #: **XC24R**    HyProtect Right ITEM #: **AH-XC24R**

Length: 35 mm | Width: 6 mm | Thickness: 2 mm

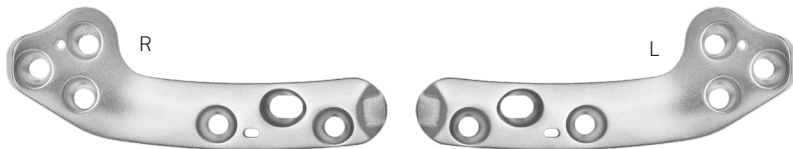
**2.7 Locking Compressiv TPLO Plate**



Compressiv Left ITEM #: **XC27L**    HyProtect Left ITEM #: **AH-XC27L**  
Compressiv Right ITEM #: **XC27R**    HyProtect Right ITEM #: **AH-XC27R**

Length: 45 mm | Width: 8 mm | Thickness: 2.5 mm

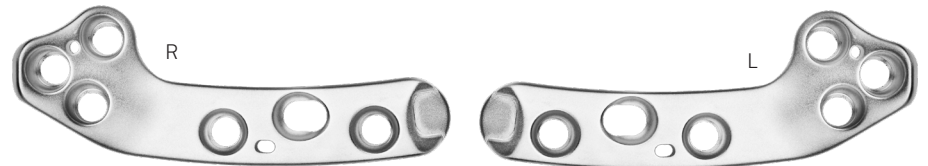
**2.7 Broad Locking Compressiv TPLO Plate**



Compressiv Left ITEM #: **XC27BL**    HyProtect Left ITEM #: **AH-XC27BL**  
Compressiv Right ITEM #: **XC27BR**    HyProtect Right ITEM #: **AH-XC27BR**

Length: 51 mm | Width: 9 mm | Thickness: 3 mm

**3.5 Small Locking Compressiv TPLO Plate**



Compressiv Left ITEM #: **XC35SML**    HyProtect Left ITEM #: **AH-XC35SML**  
Compressiv Right ITEM #: **XC35SMR**    HyProtect Right ITEM #: **AH-XC35SMR**

Length: 59 mm | Width: 10 mm | Thickness: 3 mm

**Product Features**

- Caudally oriented
- Curved distal portion
- Distal sliding pin hole
- Divot for reduction forceps
- Hohmann retractor slot
- DT locking holes proximally & distally
- Pin holes for temporary fixation
- Stainless steel with matte finish

Accepts the following screws:

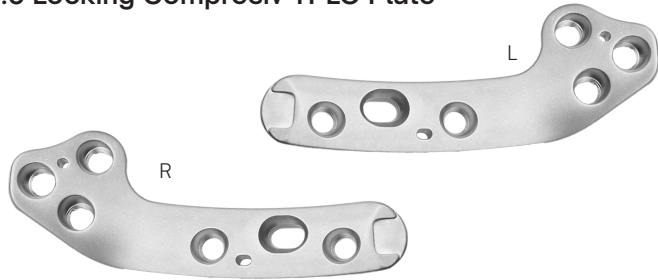
- Locking (SLH ST or HLH ST)
- Cortical (S ST or ST)

**LOCKING COMPRESIV TPLO PLATES**

\*Available in HyProtect



**3.5 Locking Compressiv TPLO Plate**



Compressiv Left ITEM #: **XC35L**    HyProtect Left ITEM #: **AH-XC35L**  
Compressiv Right ITEM #: **XC35R**    HyProtect Right ITEM #: **AH-XC35R**

Length: 67 mm | Width: 12 mm | Thickness: 3 mm

**3.5 Broad Locking Compressiv TPLO Plate**



Compressiv Left ITEM #: **XC35BL**    HyProtect Left ITEM #: **AH-XC35BL**  
Compressiv Right ITEM #: **XC35BR**    HyProtect Right ITEM #: **AH-XC35BR**

Length: 78 mm | Width: 14 mm | Thickness: 3.5 mm

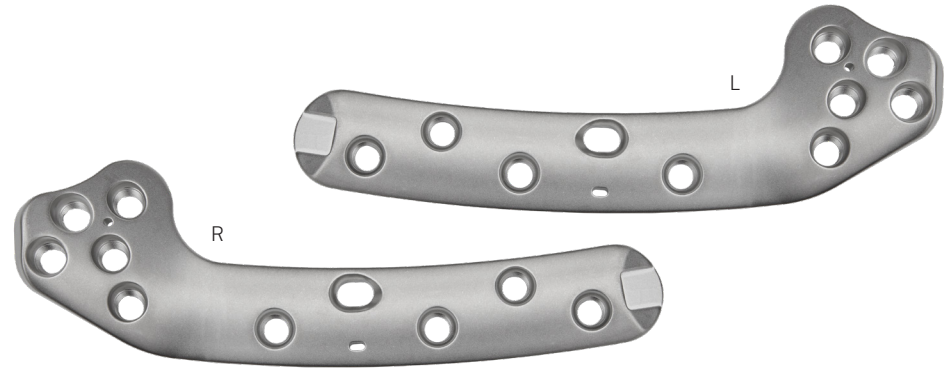
**3.5 Jumbo Locking Compressiv TPLO Plate**



Compressiv Left ITEM #: **XC35JL**    HyProtect Left ITEM #: **AH-XC35JL**  
Compressiv Right ITEM #: **XC35JR**    HyProtect Right ITEM #: **AH-XC35JR**

Length: 89 mm | Width: 16 mm | Thickness: 4 mm

**4.0/5.0 Jumbo Plus Locking Compressiv TPLO Plate**



Compressiv Left ITEM #: **XCJPL**    HyProtect Left ITEM #: **AH-XCJPL**  
Compressiv Right ITEM #: **XCJPR**    HyProtect Right ITEM #: **AH-XCJPR**

Length: 129 mm | Width: 20 mm | Thickness: 5 mm

## Product Features

- Distal multipurpose holes
- Caudally oriented
- Curved distal portion
- Distal sliding pin hole
- Divot for reduction forceps
- Hohmann retractor slot
- DT locking holes proximally & distally
- Pin holes for temporary fixation
- Stainless steel with matte finish

Accepts the following screws:

- Locking (SLH ST or HLH ST)
- Cortical (S ST or ST)

## LOCKING VERSIV TPLO PLATES

\*Available in HyProtect



### 1.5 Locking Versiv TPLO Plate



TOY BREED

Versiv Left ITEM #: **ETC-15L** HyProtect Left ITEM #: **AH-ETC-15L**  
Versiv Right ITEM #: **ETC-15R** HyProtect Right ITEM #: **AH-ETC-15R**

Length: 25 mm | Width: 5 mm | Thickness: 1.5 mm

### 2.0 Locking Versiv TPLO Plate



Versiv Left ITEM #: **ETC-20L** HyProtect Left ITEM #: **AH-ETC-20L**  
Versiv Right ITEM #: **ETC-20R** HyProtect Right ITEM #: **AH-ETC-20R**

Length: 31 mm | Width: 5 mm | Thickness: 2 mm

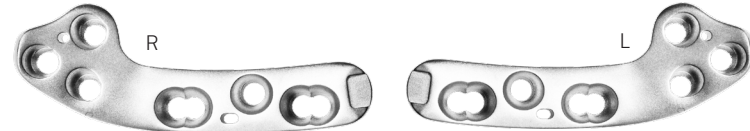
### 2.4 Locking Versiv TPLO Plate



Versiv Left ITEM #: **ETC-24L** HyProtect Left ITEM #: **AH-ETC-24L**  
Versiv Right ITEM #: **ETC-24R** HyProtect Right ITEM #: **AH-ETC-24R**

Length: 35 mm | Width: 6 mm | Thickness: 2 mm

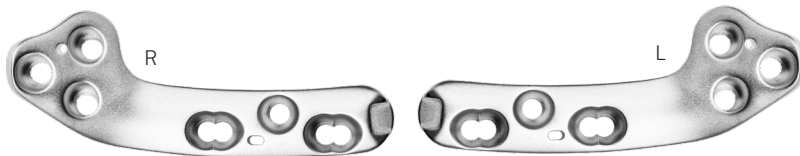
### 2.7 Locking Versiv TPLO Plate



Versiv Left ITEM #: **ETC-27L** HyProtect Left ITEM #: **AH-ETC-27L**  
Versiv Right ITEM #: **ETC-27R** HyProtect Right ITEM #: **AH-ETC-27R**

Length: 45 mm | Width: 8 mm | Thickness: 3 mm

### 2.7 Broad Locking Versiv TPLO Plate



Versiv Left ITEM #: **ETC-27BL** HyProtect Left ITEM #: **AH-ETC-27BL**  
Versiv Right ITEM #: **ETC-27BR** HyProtect Right ITEM #: **AH-ETC-27BR**

Length: 59 mm | Width: 9 mm | Thickness: 3 mm

### 3.5 Small Locking Versiv TPLO Plate



Versiv Left ITEM #: **ETC-35SML** HyProtect Left ITEM #: **AH-ETC-35SML**  
Versiv Right ITEM #: **ETC-35SMR** HyProtect Right ITEM #: **AH-ETC-35SMR**

Length: 58 mm | Width: 10 mm | Thickness: 3 mm

**Product Features**

- Distal multipurpose holes
- Caudally oriented
- Curved distal portion
- Distal sliding pin hole
- Divot for reduction forceps
- Hohmann retractor slot
- DT locking holes proximally & distally
- Pin holes for temporary fixation
- Stainless steel with matte finish

Accepts the following screws:

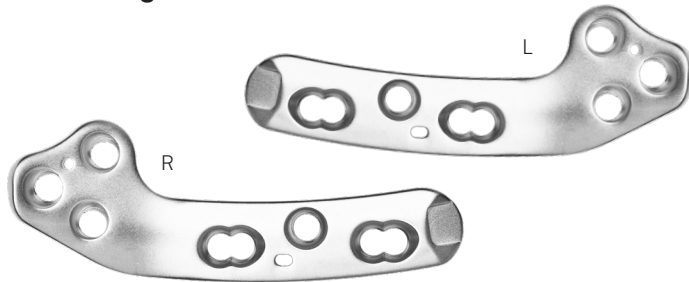
- Locking (SLH ST or HLH ST)
- Cortical (S ST or ST)

**LOCKING VERSIV TPLO PLATES**

\*Available in HyProtect



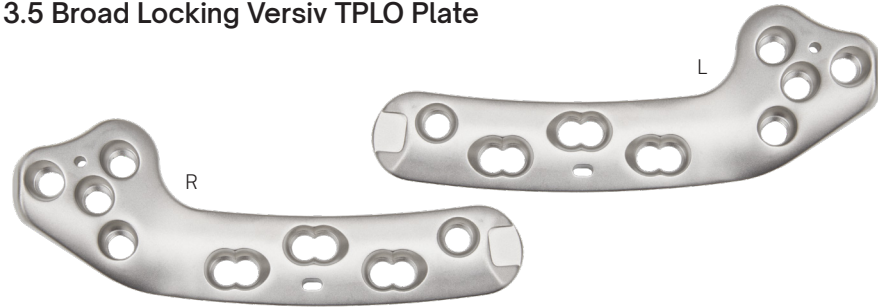
**3.5 Locking Versiv TPLO Plate**



Versiv Left ITEM #: **ETC-35L**    HyProtect Left ITEM #: **AH-ETC-35L**  
 Versiv Right ITEM #: **ETC-35R**    HyProtect Right ITEM #: **AH-ETC-35R**

Length: 68 mm | Width: 12 mm | Thickness: 3 mm

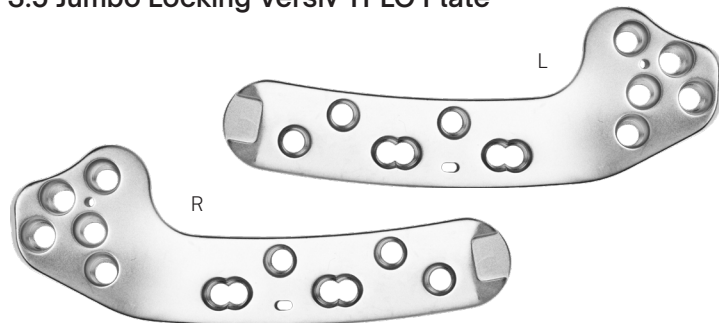
**3.5 Broad Locking Versiv TPLO Plate**



Versiv Left ITEM #: **ETC-35BL**    HyProtect Left ITEM #: **AH-ETC-35BL**  
 Versiv Right ITEM #: **ETC-35BR**    HyProtect Right ITEM #: **AH-ETC-35BR**

Length: 78 mm | Width: 14 mm | Thickness: 3.5 mm

**3.5 Jumbo Locking Versiv TPLO Plate**



Versiv Left ITEM #: **ETC-35JL**    HyProtect Left ITEM #: **AH-ETC-35JL**  
 Versiv Right ITEM #: **ETC-35JR**    HyProtect Right ITEM #: **AH-ETC-35JR**

Length: 89 mm | Width: 16 mm | Thickness: 4 mm

**4.0/5.0 Jumbo Plus Locking Versiv TPLO Plate**



Versiv Left ITEM #: **ETC-4050JPL**    HyProtect Left ITEM #: **AH-ETC-4050JPL**  
 Versiv Right ITEM #: **ETC-4050JPR**    HyProtect Right ITEM #: **AH-ETC-4050JPR**

Length: 129 mm | Width: 20 mm | Thickness: 5 mm

Accepts the following screws:

☛☉ Locking (SLH ST or HLH ST)

☛☉ Cortical (S ST or ST)

## LOCKING Y STYLE PLATES

\* Indicates Compression Holes

### Locking Y TPLO Plates

#### Product Features

- Locking and compression holes
- Prebent, low contact
- Accepts SLH ST, HLH ST, and Cortical Screws
- Stainless steel



#### Tiny Locking Y TPLO Plate

Screw Compatibility: 2.0 mm

Left Plate ITEM: DT YTL 3 DKLC

Right Plate ITEM: DT YTR 3 DKLC

Length: 28 mm | Width: 6.0 mm | Thickness: 2.0 mm



#### Small Locking Y TPLO Plate

Screw Compatibility: 2.7 mm

Left Plate ITEM: DT YSL DKLC

Right Plate ITEM: DT YSR DKLC

Length: 39 mm | Width: 8.0 mm | Thickness: 3.0 mm



Left Plate Shown

### Intermediate Locking Y TPLO Plate

Screw Compatibility: 3.5 mm

Left Plate ITEM: DT YIL DKLC

Right Plate ITEM: DT YIR DKLC

Length: 50 mm | Width: 9.5 mm | Thickness: 3.0 mm



### Medium Locking Y TPLO Plate

Screw Compatibility: 3.5 mm

Left Plate ITEM: DT YML DKLC

Right Plate ITEM: DT YMR DKLC

Length: 59 mm | Width: 10 mm | Thickness: 4.0 mm



### Large Locking Y TPLO Plate

Screw Compatibility: 3.5 mm

Left Plate ITEM: DT YLL DKLC

Right Plate ITEM: DT YLR DKLC

Length: 79 mm | Width: 12 mm | Thickness: 4.5 mm



## DPO/TPO PLATES

\* Indicates Compression Holes

### Locking DPO/TPO Plates

Screw Compatibility: 3.5 mm

Accepts the following screws:

- ☛○ Locking (SLH ST or HLH ST)
- ☛○ Cortical (S ST or ST)

#### Product Features

- For hip dysplasia
- 8 locking multi-function holes
- Use with HLH ST and SLH ST screws
- DT PH 3.5 Plate Holder available (Ask Rep)
- Stainless steel



ITEM #	ANGLE	SIDE	THICKNESS (mm)
DT S20 L8	20	Left	3
DT S20 R8	20	Right	3
DT S25 L8	25	Left	3
DT S25 R8	25	Right	3
DT S30 L8	30	Left	3
DT S30 R8	30	Right	3

## Locking Acetabular PLATES

### 1.5 mm Locking Acetabular Plates

#### Product Features

- Pre-contoured with 4 holes
- Distance between center of holes: 4 mm
- Distance between center of middle holes: 8.0 mm
- Accepts SLH ST, HLH ST, and Cortical Screws
- Stainless steel



DT L 1.5 4A

Length: 23 mm | Width: 3.8 mm | Thickness: 1.5 mm

### 2.0 mm Locking Acetabular Plates

#### Product Features

- Pre-contoured with 4 holes
- Distance between center of holes: 7.5 mm
- Distance between center of middle holes: 11.0 mm
- Accepts SLH ST, HLH ST, and Cortical Screws



DT L 2.0 4A

Length: 31 mm | Width: 5.0 mm | Thickness: 1.5 mm



### 2.4/2.7 mm Locking Acetabular Plates

#### Product Features

- Pre-contoured with 4 holes
- Distance between center of holes: 9.0 mm
- Distance between center of middle holes: 15.0 mm
- Accepts SLH ST, HLH ST, and Cortical Screws
- Stainless steel



DT L 2.4/2.7 4A

Length: 42 mm | Width: 6.5 mm | Thickness: 2.2 mm

### 3.5 mm Locking Acetabular Plates

#### Product Features

- Pre-contoured with 6 holes
- Distance between center of holes: 7.0 mm
- Distance between center of middle holes: 15.0 mm
- Accepts SLH ST, HLH ST, and Cortical Screw
- Stainless steel



DT L 3.5 6A

Length: 51 mm | Width: 8.0 mm | Thickness: 2.7 mm

## 2.0 MM LOCKING BRIDGING PLATES

\* Indicates Compression Holes

Accepts the following screws:

- Locking (SLH ST or HLH ST)
- Cortical (S ST or ST)

### Product Features

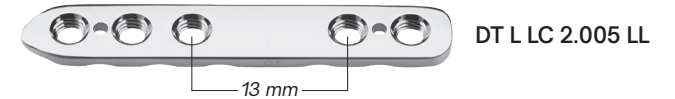
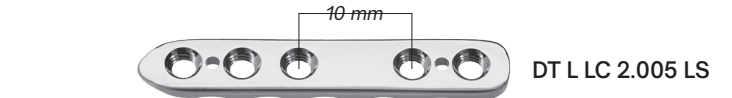
- Serves as a buttress in complex comminuted fractures where compression is not indicated and reconstruction is not possible
- Plate design allows weight bearing while maintaining a stable construct and proper length
- Fracture site is undisturbed for optimal biological healing
- The design eliminates the possibility of open screw holes over the fracture site resulting in a much stronger construct
- Double-threaded locking holes
- Low Contact
- Stainless steel
- Pin holes for temporary fixation



DT L LC 2.005 LS  
Actual Size

ITEM #	Distance Between Center Holes (mm)	LENGTH (mm)	WIDTH (mm)
DT L LC 2.005 LS	10	33	5.5
DT L LC 2.006 LS	10	38	5.5
DT L LC 2.007 LS	10	43	5.5
DT L LC 2.008 LS	10	48	5.5
DT L LC 2.009 LS	10	53	5.5

ITEM #	Distance Between Center Holes (mm)	LENGTH (mm)	WIDTH (mm)
DT L LC 2.005 LL	13	36	5.5
DT L LC 2.006 LL	13	41	5.5
DT L LC 2.007 LL	13	46	5.5
DT L LC 2.008 LL	13	51	5.5
DT L LC 2.009 LL	13	56	5.5

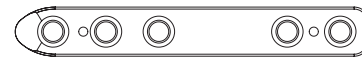


## 2.4 MM LOCKING BRIDGING PLATES

\* Indicates Compression Holes

Accepts the following screws:

- Locking (SLH ST or HLH ST)
- Cortical (S ST or ST)



DT L LC 2.405 LS  
Actual Size

### Product Features

- Serves as a buttress in complex comminuted fractures where compression is not indicated and no reconstruction is possible
- Plate design allows weight bearing while maintaining a stable construct and proper length
- Fracture site is undisturbed for optimal biological healing
- The design eliminates the possibility of open screw holes over the fracture site resulting in a much stronger construct
- Double-threaded locking holes
- Low Contact
- Stainless steel
- Pin holes for temporary fixation

ITEM #	Distance Between Center Holes (mm)	LENGTH (mm)	WIDTH (mm)
DT L LC 2.405 LS	13	43	6.5
DT L LC 2.406 LS	13	50	6.5
DT L LC 2.407 LS	13	57	6.5
DT L LC 2.408 LS	13	64	6.5
DT L LC 2.409 LS	13	71	6.5

ITEM #	Distance Between Center Holes (mm)	LENGTH (mm)	WIDTH (mm)
DT L LC 2.405 LL	17	47	6.5
DT L LC 2.406 LL	17	54	6.5
DT L LC 2.407 LL	17	61	6.5
DT L LC 2.408 LL	17	68	6.5
DT L LC 2.409 LL	17	75	6.5



## 2.7 MM LOCKING BRIDGING PLATES

\* Indicates Compression Holes

Accepts the following screws:

- Locking (SLH ST or HLH ST)
- Cortical (S ST or ST)



DT L LC 2.705 LS  
Actual Size

### Product Features

- Serves as a buttress in complex comminuted fractures where compression is not indicated and reconstruction is not possible
- Plate design allows weight bearing while maintaining a stable construct and proper length
- Fracture site is undisturbed for optimal biological healing
- The design eliminates the possibility of open screw holes over the fracture site resulting in a much stronger construct
- Double-threaded locking holes
- Low Contact
- Stainless steel
- Pin holes for temporary fixation

ITEM #	Distance Between Center Holes (mm)	LENGTH (mm)	WIDTH (mm)
DT L LC 2.705 LS	16	51	8.0
DT L LC 2.706 LS	16	59	8.0
DT L LC 2.707 LS	16	67	8.0
DT L LC 2.708 LS	16	75	8.0
DT L LC 2.709 LS	16	83	8.0

ITEM #	Distance Between Center Holes (mm)	LENGTH (mm)	WIDTH (mm)
DT L LC 2.705 LL	20	55	8.0
DT L LC 2.706 LL	20	63	8.0
DT L LC 2.707 LL	20	71	8.0
DT L LC 2.708 LL	20	79	8.0
DT L LC 2.709 LL	20	87	8.0



DT L LC 2.705 LS



DT L LC 2.705 LL



DT L LC 2.706 LS



DT L LC 2.706 LL



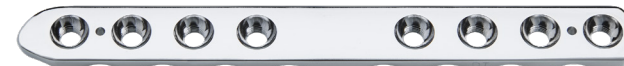
DT L LC 2.707 LS



DT L LC 2.707 LL



DT L LC 2.708 LS



DT L LC 2.708 LL



DT L LC 2.709 LS



DT L LC 2.709 LL



# 3.5 MM NARROW LOCKING BRIDGING PLATES

\* Indicates Compression Holes

Accepts the following screws:

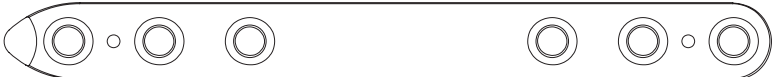
- ⊗ ⊙ Locking (SLH ST or HLH ST)
- ⊗ ⊙ Cortical (S ST or ST)

**Product Features**

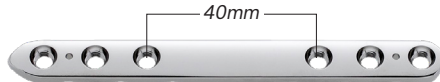
- Serves as a buttress in complex comminuted fractures where compression is not indicated and reconstruction is not possible
- Plate design allows weight bearing while maintaining a stable construct and proper length
- Fracture site is undisturbed for optimal biological healing
- The design eliminates the possibility of open screw holes over the fracture site resulting in a much stronger construct
- Double-threaded locking holes
- Low Contact
- Stainless steel
- Pin holes for temporary fixation

ITEM #	Distance Between Center Holes (mm)	LENGTH (mm)	WIDTH (mm)
DT L LC 3.506 NLS	40	101	10
DT L LC 3.507 NLS	40	113	10
DT L LC 3.508 NLS	40	125	10
DT L LC 3.509 NLS	40	137	10

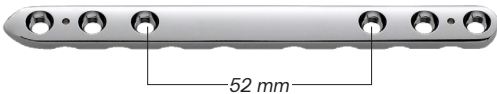
ITEM #	Distance Between Center Holes (mm)	LENGTH (mm)	WIDTH (mm)
DT L LC 3.506 NLL	52	113	10
DT L LC 3.507 NLL	52	125	10
DT L LC 3.508 NLL	52	137	10
DT L LC 3.509 NLL	52	149	10



DT L LC 3.506 NLS  
Actual Size



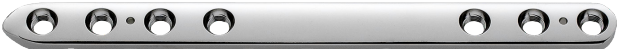
DT L LC 3.506 NLS



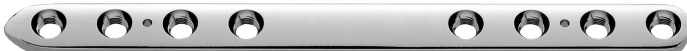
DT L LC 3.506 NLL



DT L LC 3.507 NLS



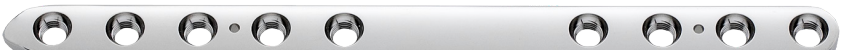
DT L LC 3.507 NLL



DT L LC 3.508 NLS



DT L LC 3.508 NLL



DT L LC 3.509 NLS



DT L LC 3.509 NLL



## 3.5 MM BROAD LOCKING BRIDGING PLATES

\* Indicates Compression Holes

Accepts the following screws:

- ⊗ ⊙ Locking (SLH ST or HLH ST)
- ⊗ ⊙ Cortical (S ST or ST)

### Product Features

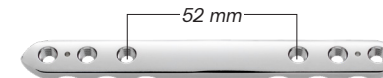
- Serves as a buttress in complex comminuted fractures where compression is not indicated and reconstruction is not possible
- Plate design allows weight bearing while maintaining a stable construct and proper length
- Fracture site is undisturbed for optimal biological healing
- The design eliminates the possibility of open screw holes over the fracture site resulting in a much stronger construct
- Double-threaded locking holes
- Low Contact
- Stainless steel
- Pin holes for temporary fixation

ITEM #	Distance Between Center Holes (mm)	LENGTH (mm)	WIDTH (mm)
DT L LC 3.506 BLS	52	113	12
DT L LC 3.507 BLS	52	125	12
DT L LC 3.508 BLS	52	137	12
DT L LC 3.509 BLS	52	149	12

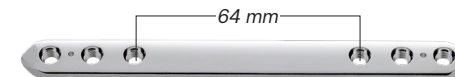
ITEM #	Distance Between Center Holes (mm)	LENGTH (mm)	WIDTH (mm)
DT L LC 3.506 BLL	64	125	12
DT L LC 3.507 BLL	64	137	12
DT L LC 3.508 BLL	64	149	12
DT L LC 3.509 BLL	64	161	12



DT L LC 3.506 BLS  
Actual Size



DT L LC 3.506 BLS



DT L LC 3.506 BLL



DT L LC 3.507 BLS



DT L LC 3.507 BLL



DT L LC 3.508 BLS



DT L LC 3.508 BLL



DT L LC 3.509 BLS



DT L LC 3.509 BLL



## LOCKING PRE-CONTOURED CARPAL ARTHRODESIS PLATES

\* Indicates compression holes

Accepts the following screws:

- Locking (SLH ST or HLH ST)
- Cortical (S ST or ST)

### Product Features

- 5° pre-angulation
- 2 pin holes to localize radiocarpal and intercarpal joints and better aim within the radio-carpal bone
- Locking radio-carpal bone screw hole that can still receive a non-locking screw
- 2 pin holes for temporary fixation within the radius and the metacarpal bone
- Cortical screw holes for joint space compression
- Low Contact feature promoting faster healing time and minimal on-surface friction in relation to the bone
- Distal thinning of the bone plate
- Several plate sizes to adapt to most patients
- Stainless steel

*\*Plates not to scale*

**DT L LC 3.5/3.5 CAP**  
Length: 155 mm | Width: 11.5 mm | Thickness: 4.4 mm

**DT L LC 2.7/3.5 CAPXX**  
Length: 160 mm | Width: 11.5 mm | Thickness: 4.4 mm

**DT L LC 2.7/3.5 CAPX**  
Length: 128 mm | Width: 10 mm | Thickness: 3.8 mm

**DT L LC 2.7/3.5 CAP**  
Length: 111 mm | Width: 10 mm | Thickness: 3.8 mm

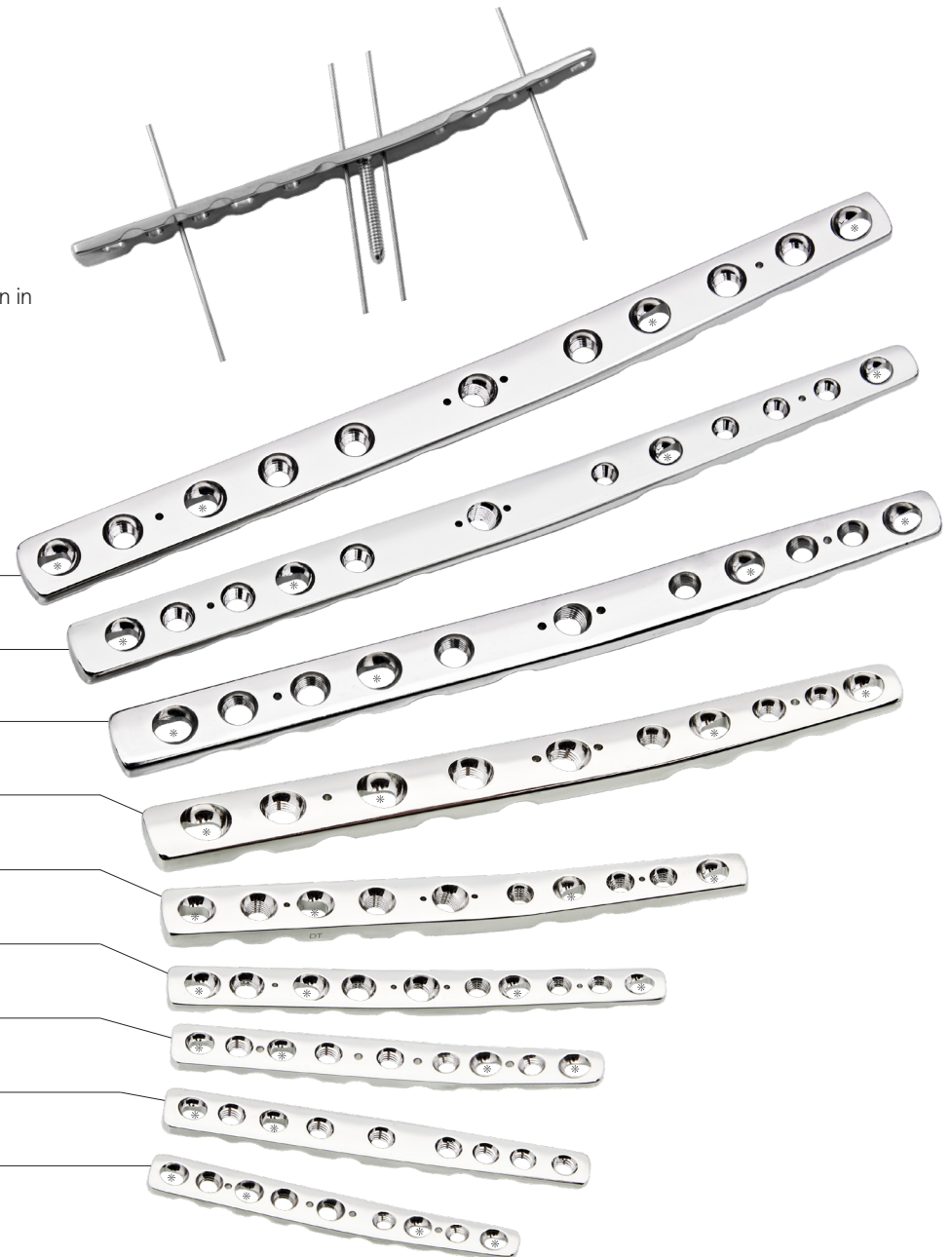
**DT L LC 2.0/2.7 CAP**  
Length: 80 mm | Width: 8 mm | Thickness: 2.8 mm

**DT L LC 2.0/2.4 CAP**  
Length: 67 mm | Width: 6.5 mm | Thickness: 2 mm

**DT L LC 2.0 CAP-C**  
Length: 57 mm | Width: 6.5 mm | Thickness: 2.3 mm

**DT L LC 2.0 CAP**  
Length: 57 mm | Width: 6.5 mm | Thickness: 2 mm

**DT L LC 1.5/2.0 CAP-C**  
Length: 57 mm | Width: 6.5 mm | Thickness: 2 mm



\*Please specify *left* or *right* when ordering plates

Accepts the following screws:

- ⊛ ⊙ Locking (SLH ST or HLH ST)
- ⊛ ⊙ Cortical (S ST or ST)

## LOCKING DISTAL FEMUR PLATES

\* Indicates Compression Holes



**DT L 3.5 DFL 15 (left, shown) | DT L 3.5 DFR 15 (right)**

Length: 172 mm | Thickness: 4.2 mm | Stainless Steel



**DT L 3.5 DFL 9 (left, shown) | DT L 3.5 DFR 9 (right)**

Length: 94 mm | Thickness: 4 mm | Stainless Steel



**DT L 3.5 DFL 7 (left, shown) | DT L 3.5 DFR 7 (right)**

Length: 83 mm | Thickness: 4 mm | Stainless Steel



**DT L 2.7 DFL (left, shown) | DT L 2.7 DFR (right)**

Length: 70 mm | Thickness: 2.5 mm | Stainless Steel



**DT L 2.0 DF-14 L (left, shown) | DT L 2.0 DF-14 R (right)**

Length: 70 mm | Thickness: 1.5mm | Stainless Steel



**DT L 2.0 DF 9L (left, shown) | DT L 2.0 DF 9R (right)**

Length: 50mm | Thickness: 1.0mm | Stainless Steel

## NON-LOCKING DISTAL FEMUR PLATES

\* Indicates Compression Holes



2.0 DF 9L (left) | 2.0 DF 9R (right)

Accepts 1.0 mm Cortical Screws

Length: 50 mm | Thickness: 1.0 mm | Stainless Steel



E190797 1.5mm Non-Locking Feline Distal Femur Plate (left)



E190796 1.5mm Non-Locking Feline Distal Femur Plate (right)

Accepts 2.0 mm Cortical Screws

Length: 44 mm | Thickness: 1.5 mm | Stainless Steel



1.0 DFL (left) | 1.0 DFR (right)

Length: 23 mm | Thickness: 1.0 mm | Stainless Steel

## DT SPECIALTY PLATES

### DT Low Contact Pancarpal Arthrodesis Plate

ITEM #	HOLE SIZES
DT L LC SCAPJ	2.7/3.5 mm
DT L LC SCAPK	2.0/2.7 mm
DT L LC SCAPM	3.5/3.5 mm
AH-DT L LC SCAPJ	2.7/3.5 mm
AH-DT L LC SCAPK	2.0/2.7 mm

### DT Pancarpal Arthrodesis Plate

ITEM #	LENGTH (mm)	HOLE SIZES
DT PCA 110MM	110 mm	2.7/3.5 mm
DT PCA 120MM	120 mm	2.7/3.5 mm
DT PCA 130MM	130 mm	2.7/3.5 mm
DT PCA 140MM	140 mm	2.7/3.5 mm
DT PCA 164MM	164 mm	2.7/3.5 mm

### DT Pantarsal Arthrodesis Plate

ITEM #	HOLE SIZES
DT L 1.5 PA L K9	1.5/2.0 mm
DT L 1.5 PA R K9	1.5/2.0 mm
DT L 2.0 PA L	2.0/2.7 mm
DT L 2.0 PA L K9	2.0/2.7 mm
DT L 2.0 PA R	2.0/2.7 mm
DT L 2.0 PA R K9	2.0/2.7 mm
DT L 2.4 PA L	2.0/2.4 mm
DT L 2.4 PA R	2.0/2.4 mm
DT L 2.7 PA L	2.0/2.7 mm
DT L 2.7 PA R	2.0/2.7 mm
DT L 3.5 PA L	2.7/3.5 mm
DT L 3.5 PA R	2.7/3.5 mm

### DT Locking Condylar Plate

ITEM #	SIZE
DT CON 1.5 2T6	1.5 mm
DT CON 2.0 2T7	2.0 mm
DT CON 2.4 2T7	2.4 mm
DT CON 2.7 2T7	2.7 mm
DT CON 3.5 2T7	3.5 mm



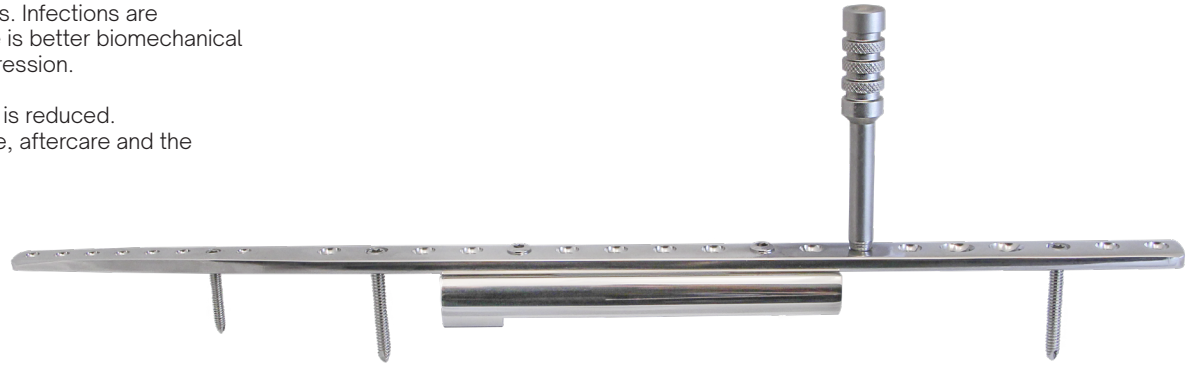
\*HyProtect Available in Select Sizes

# RADIAL ENDOPROSTHESIS PLATES FOR LIMB SALVAGE

## Endoprosthesis-based Limb Salvage Surgery

By removing the affected bone and replacing it with an endoprosthesis, there is no need for a bone bank or commercially available allografts. Infections are reduced and easier to control with antibiotic therapy. There is better biomechanical performance and resistance to implant failure in axial compression.

The surgery is technically less demanding and surgery time is reduced. Overall, the client cost is less when factoring in surgery time, aftercare and the lack of methylmethacrylate and allograft.



**15 mm Special Machine Thread Screw**

**ITEM: 3.5 KSP**

Length: 15 mm | Use with long or short radius plate.

**Short Radius Plate**



**ITEM: \* RADIUS PLATE B**

Length: 98 mm | Use with 15 mm screw (3.5 KSP)

**Long Radius Plate**



**ITEM: \* RADIUS PLATE A**

Length: 122 mm | Use with 15 mm screw (3.5 KSP)



*Cage ends promote bone ingrowth.*

## RADIAL ENDOPROSTHESIS

\* Indicates Compression Holes

Accepts the following screws:

☛☉ Locking (SLH ST or HLH ST)

### 11.5 x 18 Hole Locking Limb Salvage Plate

Tapers to 8.4 mm

For use with SLH ST and HLH ST Screws

Stainless steel

\* Also available in Titanium



**ITEM: DT 11.5 18 SP LOC**  
*Not to scale*

Length: 290 mm | Width: 11.5 mm | Thickness 4 mm

### 16.0 x 18 Hole Locking Limb Salvage Plate

Tapers to 11 mm

For use with SLH ST 4.0 and 5.0 screws  
proximally and SLH ST 3.5 screws distally

Stainless steel



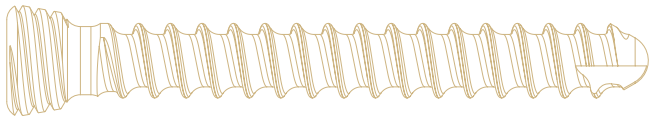
**ITEM: DT 16.0 18 SP LOC**  
*Not to scale*

Length: 290 mm | Width: 16 mm | Thickness 5 mm

Radial Endoprosthesis for  
Limb Salvage Surgery in dogs



*Locking hole detail*



## Screws, Screw Racks, and Sterilization Cases

### Bone Screws and Bone Anchors

**Joint Management**  
Extracapsular Solutions

**Accessories**  
Screw Racks  
Sterilizations Cases



## T4-T6 CORTICAL SCREWS



Non Self-tapping Cortical End



Self-tapping Cortical End

### 1.5 mm T4 Head Cortical Screw

Self-tapping



#### Product Details

Diameter of Thread: 1.5 mm  
Thread Pitch: 0.5 mm  
Diameter of Core: 1.1 mm  
Diameter of Head: 3.0 mm

#### Drilling Guidelines

Threaded Hole: 1.1 mm  
Gliding Hole: 1.5 mm

#### Compatible Instruments

T4 Shaft (20044)  
Handle (500002)  
Drill Sleeve (DDS 1.1/1.5)

ITEM #	LENGTH (mm)
S ST 150.06	6
S ST 150.07	7
S ST 150.08	8
S ST 150.10	10
S ST 150.11	11
S ST 150.12	12
S ST 150.14	14
S ST 150.16	16
S ST 150.18	18
S ST 150.20	20

### 2.0 mm T6 Head Cortical Screw

Self-tapping



#### Product Details

Diameter of Thread: 2.0 mm  
Thread Pitch: 0.6 mm  
Diameter of Core: 1.4 mm  
Diameter of Head: 3.5 mm

#### Drilling Guidelines

Threaded Hole: 1.5 mm  
Gliding Hole: 2.0 mm

#### Compatible Instruments

T6 Shaft (500035)  
Handle (500002)  
Drill Guide (UDG 1.5/2.0)

ITEM #	LENGTH (mm)
S ST 200.06	6
S ST 200.08	8
S ST 200.10	10
S ST 200.12	12
S ST 200.14	14
S ST 200.16	16
S ST 200.18	18
S ST 200.20	20
S ST 200.22	22
S ST 200.24	24
S ST 200.26	26
S ST 200.28	28
S ST 200.30	30
S ST 200.32	32
S ST 200.34	34
S ST 200.36	36
S ST 200.38	38
S ST 200.40	40

## T8-T15 CORTICAL SCREWS

### 2.4 mm T8 Cortical Screw

Self-tapping



#### Product Details

Diameter of Thread: 2.4 mm  
Thread Pitch: 1.0 mm  
Diameter of Core: 1.7 mm  
Diameter of Head: 4.0 mm

#### Drilling Guidelines

Threaded Hole: 1.8 mm  
Gliding Hole: 2.4 mm

#### Compatible Instruments

T8 Driver (500033)  
Shaft (500036), Handle (500002)  
Drill Guide (UDG 1.8/2.4)

ITEM #	LENGTH (mm)
S ST 240.06	6
S ST 240.08	8
S ST 240.10	10
S ST 240.12	12
S ST 240.14	14
S ST 240.16	16
S ST 240.18	18
S ST 240.20	20
S ST 240.22	22

ITEM #	LENGTH (mm)
S ST 240.24	24
S ST 240.26	26
S ST 240.28	28
S ST 240.30	30
S ST 240.32	32
S ST 240.34	34
S ST 240.36	36
S ST 240.38	38
S ST 240.40	40

### 2.7 mm T8 Cortical Screw

Self-tapping



#### Product Details

Diameter of Thread: 2.7 mm  
Thread Pitch: 1.0 mm  
Diameter of Core: 1.9 mm  
Diameter of Head: 5.0 mm

#### Drilling Guidelines

Threaded Hole: 2.0 mm  
Gliding Hole: 2.7 mm

#### Compatible Instruments

T8 Driver (500033)  
Shaft (500036), Handle (500002)  
Drill Guide (UDG 2.0/2.7)

ITEM #	LENGTH (mm)
S ST 270.06	6
S ST 270.08	8
S ST 270.10	10
S ST 270.12	12
S ST 270.14	14
S ST 270.16	16
S ST 270.18	18
S ST 270.20	20
S ST 270.22	22
S ST 270.24	24
S ST 270.26	26
S ST 270.28	28

ITEM #	LENGTH (mm)
S ST 270.30	30
S ST 270.32	32
S ST 270.34	34
S ST 270.36	36
S ST 270.38	38
S ST 270.40	40
S ST 270.42	42
S ST 270.44	44
S ST 270.46	46
S ST 270.48	48
S ST 270.50	50

### 3.5 mm T15 Cortical Screw

Self-tapping



#### Product Details

Diameter of Thread: 3.5 mm  
Thread Pitch: 1.25 mm  
Diameter of Core: 2.4 mm  
Diameter of Head: 6.0 mm

#### Drilling Guidelines

Threaded Hole: 2.5 mm  
Gliding Hole: 3.5 mm

#### Compatible Instruments

T15 Driver (500034)  
Shaft (500037), Handle (500002)  
Drill Guide (UDG 2.5/3.5)

ITEM #	LENGTH (mm)
S ST 350.10	10
S ST 350.12	12
S ST 350.14	14
S ST 350.16	16
S ST 350.18	18
S ST 350.20	20
S ST 350.22	22
S ST 350.24	24
S ST 350.26	26
S ST 350.28	28
S ST 350.30	30
S ST 350.32	32
S ST 350.34	34
S ST 350.36	36

ITEM #	LENGTH (mm)
S ST 350.38	38
S ST 350.40	40
S ST 350.42	42
S ST 350.44	44
S ST 350.45	45
S ST 350.46	46
S ST 350.48	48
S ST 350.50	50
S ST 350.52	52
S ST 350.54	54
S ST 350.56	56
S ST 350.58	58
S ST 350.60	60

## HEX HEAD CORTICAL SCREWS

### 1.5 mm Hex Head Cortical Screw

Non Self-tapping | Hex Head



#### Product Details

Diameter of Thread: 1.5 mm  
Thread Pitch: 0.5 mm  
Diameter of Core: 1.1 mm  
Diameter of Head: 3.0 mm  
Hex recess Width: 1.5 mm

#### Drilling Guidelines

Thread Hole: 1.1 mm  
Gliding Hole: 1.5 mm

#### Compatible Instruments

Tap (1.5 TAP), Shaft (20021), Handle (500002)  
Driver (20026), Drill Sleeve (DDS 1.1/1.5)

ITEM #	LENGTH (mm)
150.06	6
150.07	7
150.08	8
150.09	9
150.10	10
150.11	11
150.12	12
150.14	14
150.16	16
150.18	18
150.20	20

### 1.5 mm Hex Head Cortical Screw

Self-tapping | Hex Head



#### Product Details

Diameter of Thread: 1.5 mm  
Thread Pitch: 0.5 mm  
Diameter of Core: 1.1 mm  
Diameter of Head: 3.0 mm  
Hex recess Width: 1.5 mm

#### Drilling Guidelines

Thread Hole: 1.1 mm  
Gliding Hole: 1.5 mm

#### Compatible Instruments

Shaft (20021), Handle (500002)  
Driver (20026), Drill Sleeve (DDS 1.1/1.5)

ITEM #	LENGTH (mm)
150.06T	6
150.07T	7
150.08T	8
150.09T	9
150.10T	10
150.11T	11
150.12T	12
150.14T	14
150.16T	16
150.18T	18
150.20T	20

### 2.0 mm Hex Head Cortical Screw

Non Self-tapping | Hex Head



#### Product Details

Diameter of Thread: 2.0 mm  
Thread Pitch: 0.6 mm  
Diameter of Core: 1.4 mm  
Diameter of Head: 4.0 mm  
Hex recess Width: 1.5 mm

#### Drilling Guidelines

Thread Hole: 1.5 mm  
Gliding Hole: 1.5 mm

#### Compatible Instruments

Tap (2.0 TAP), Shaft (20021), Handle (500002)  
Driver (20026), Drill Guide (UDG 1.5/2.0)

ITEM #	LENGTH (mm)
200.06	6
200.08	8
200.10	10
200.12	12
200.14	14
200.16	16
200.18	18
200.20	20
200.22	22
200.24	24
200.26	26
200.28	28
200.30	30

## HEX HEAD CORTICAL SCREWS

### 2.0 mm Hex Head Cortical Screw

Self-tapping | Hex Head



#### Product Details

Diameter of Thread: 2.0 mm  
 Thread Pitch: 0.6 mm  
 Diameter of Core: 1.4 mm  
 Diameter of Head: 4.0 mm  
 Hex recess Width: 1.5 mm

#### Drilling Guidelines

Thread Hole: 1.5 mm  
 Gliding Hole: 2.0 mm

#### Compatible Instruments

Shaft (20021), Handle (500002)  
 Driver (20026), Drill Guide (UDG 1.5/2.0)

ITEM #	LENGTH (mm)
200.06T	6
200.08T	8
200.10T	10
200.12T	12
200.14T	14
200.16T	16
200.18T	18

ITEM #	LENGTH (mm)
200.20T	20
200.22T	22
200.24T	24
200.26T	26
200.28T	28
200.30T	30

### 2.4 mm Hex Head Cortical Screw

Non Self-tapping | Hex Head



#### Product Details

Diameter of Thread: 2.4 mm  
 Thread Pitch: 1.0 mm  
 Diameter of Core: 1.7 mm  
 Diameter of Head: 4.0 mm  
 Hex recess Width: 2.0 mm

#### Drilling Guidelines

Thread Hole: 1.8 mm  
 Gliding Hole: 2.4 mm

#### Compatible Instruments

Tap (2.4 TAP), Shaft (20021A), Handle (500002)  
 Drill Guide (UDG 1.8/2.4)

ITEM #	LENGTH (mm)
240.06	6
240.08	8
240.10	10
240.12	12
240.14	14
240.16	16
240.18	18
240.20	20
240.22	22

ITEM #	LENGTH (mm)
240.24	24
240.26	26
240.28	28
240.30	30
240.32	32
240.34	34
240.36	36
240.38	38
240.40	40

### 2.4 mm Hex Head Cortical Screw

Self-tapping | Hex Head



#### Product Details

Diameter of Thread: 2.4 mm  
 Thread Pitch: 1.0 mm  
 Diameter of Core: 1.7 mm  
 Diameter of Head: 4.0 mm  
 Hex recess Width: 2.0 mm

#### Drilling Guidelines

Thread Hole: 1.8 mm  
 Gliding Hole: 2.4 mm

#### Compatible Instruments

Shaft (20021A), Handle (500002)  
 Drill Guide (UDG 1.8/2.4)

ITEM #	LENGTH (mm)
240.06T	6
240.08T	8
240.10T	10
240.12T	12
240.14T	14
240.16T	16
240.18T	18
240.20T	20
240.22T	22

ITEM #	LENGTH (mm)
240.24T	24
240.26T	26
240.28T	28
240.30T	30
240.32T	32
240.34T	34
240.36T	36
240.38T	38
240.40T	40

## HEX CORTICAL SCREWS

### 2.7 mm Hex Cortical Screw

Non Self-tapping | Hex Head



#### Product Details

Diameter of Thread: 2.7 mm  
Thread Pitch: 1.0 mm  
Diameter of Core: 1.9 mm  
Diameter of Head: 5.0 mm  
Hex recess Width: 2.5mm

#### Drilling Guidelines

Threaded Hole: 2.0 mm  
Gliding Hole: 2.7 mm

#### Compatible Instruments

Tap (2.7 TAP), Shaft (20022), Handle (500002) Driver (20028), Drill Guide (UDG 2.0/2.7)

ITEM #	LENGTH (mm)
REG 270.06	6
REG 270.08	8
REG 270.10	10
REG 270.12	12
REG 270.14	14
REG 270.16	16
REG 270.18	18
REG 270.20	20
REG 270.22	22
REG 270.24	24
REG 270.26	26
REG 270.28	28

ITEM #	LENGTH (mm)
REG 270.30	30
REG 270.32	32
REG 270.34	34
REG 270.36	36
REG 270.38	38
REG 270.40	40
REG 270.42	42
REG 270.44	44
REG 270.45	45
REG 270.46	46
REG 270.48	48
REG 270.50	50

### 2.7 mm Hex Cortical Screw

Self-tapping | Hex Head



#### Product Details

Diameter of Thread: 2.7 mm  
Thread Pitch: 1.0 mm  
Diameter of Core: 1.9 mm  
Diameter of Head: 5.0 mm  
Hex recess Width: 2.5mm

#### Drilling Guidelines

Threaded Hole: 2.0 mm  
Gliding Hole: 2.7 mm

#### Compatible Instruments

Shaft (20022), Handle (500002) Driver (20028), Drill Guide (UDG 2.0/2.7)

ITEM #	LENGTH (mm)
ST 270.06	6
ST 270.08	8
ST 270.10	10
ST 270.12	12
ST 270.14	14
ST 270.16	16
ST 270.18	18
ST 270.20	20
ST 270.22	22
ST 270.24	24
ST 270.26	26
ST 270.28	28

ITEM #	LENGTH (mm)
ST 270.30	30
ST 270.32	32
ST 270.34	34
ST 270.36	36
ST 270.38	38
ST 270.40	40
ST 270.42	42
ST 270.44	44
ST 270.45	45
ST 270.46	46
ST 270.48	48
ST 270.50	50

### 3.5 mm Hex Head Cortical Screw

Non Self-tapping | Hex Head



#### Product Details

Diameter of Thread: 3.5 mm  
Thread Pitch: 1.25 mm  
Diameter of Core: 2.4 mm  
Diameter of Head: 6.0 mm  
Hex recess Width: 2.5mm

#### Drilling Guidelines

Threaded Hole: 2.5 mm  
Gliding Hole: 3.5 mm

#### Compatible Instruments

Tap (3.5 TAP), Shaft (20022), Handle (500002) Driver (20028), Drill Guide (UDG 2.5/3.5)

ITEM #	LENGTH (mm)
REG 350.10	10
REG 350.12	12
REG 350.14	14
REG 350.16	16
REG 350.18	18
REG 350.20	20
REG 350.22	22
REG 350.24	24
REG 350.26	26
REG 350.28	28
REG 350.30	30
REG 350.32	32
REG 350.34	34
REG 350.36	36
REG 350.38	38

ITEM #	LENGTH (mm)
REG 350.40	40
REG 350.42	42
REG 350.44	44
REG 350.45	45
REG 350.46	46
REG 350.48	48
REG 350.50	50
REG 350.52	52
REG 350.54	54
REG 350.55	55
REG 350.56	56
REG 350.58	58
REG 350.60	60
REG 350.65	65
REG 350.70	70

## HEX CORTICAL SCREWS

### 3.5 mm Hex Head Cortical Screw

Self-tapping | Hex Head



#### Product Details

Diameter of Thread: 3.5 mm  
 Thread Pitch: 1.25 mm  
 Diameter of Core: 2.4 mm  
 Diameter of Head: 6.0 mm  
 Hex recess Width: 2.5 mm

#### Drilling Guidelines

Threaded Hole: 2.5 mm  
 Gliding Hole: 3.5 mm

#### Compatible Instruments

Shaft (20022), Handle (500002)  
 Driver (20028), Drill Guide (UDG 2.5/3.5)

ITEM #	LENGTH (mm)
ST 350.10	10
ST 350.12	12
ST 350.14	14
ST 350.16	16
ST 350.18	18
ST 350.20	20
ST 350.22	22
ST 350.24	24
ST 350.26	26
ST 350.28	28
ST 350.30	30
ST 350.32	32
ST 350.34	34
ST 350.36	36
ST 350.38	38

ITEM #	LENGTH (mm)
ST 350.40	40
ST 350.42	42
ST 350.44	44
ST 350.45	45
ST 350.46	46
ST 350.48	48
ST 350.50	50
ST 350.52	52
ST 350.54	54
ST 350.55	55
ST 350.56	56
ST 350.58	58
ST 350.60	60
ST 350.65	65
ST 350.70	70

### 4.5 mm Cortical Screw

Non Self-tapping | Hex Head



#### Product Details

Diameter of Thread: 4.5 mm  
 Thread Pitch: 1.75 mm  
 Diameter of Core: 3.0 mm  
 Diameter of Head: 8.0 mm  
 Hex recess Width: 3.5 mm

#### Drilling Guidelines

Threaded Hole: 3.2 mm  
 Gliding Hole: 4.5 mm

#### Compatible Instruments

Tap (4.5 TAP), Shaft (gS 86.1519)  
 Handle (500002)  
 Drill Guide (gS 86.2586)

ITEM #	LENGTH (mm)
REG 450.14	14
REG 450.16	16
REG 450.18	18
REG 450.20	20
REG 450.22	22
REG 450.24	24
REG 450.26	26
REG 450.28	28
REG 450.30	30
REG 450.32	32
REG 450.34	34
REG 450.36	36
REG 450.38	38
REG 450.40	40
REG 450.42	42

ITEM #	LENGTH (mm)
REG 450.44	44
REG 450.46	46
REG 450.48	48
REG 450.50	50
REG 450.52	52
REG 450.54	54
REG 450.56	56
REG 450.58	58
REG 450.60	60
REG 450.62	62
REG 450.64	64
REG 450.66	66
REG 450.68	68
REG 450.70	70

## HEX CORTICAL SCREWS

### 4.5 mm Cortical Screw

Self-tapping | Hex Head



#### Product Details

Diameter of Thread: 4.5 mm  
Thread Pitch: 1.75 mm  
Diameter of Core: 3.0 mm  
Diameter of Head: 8.0 mm  
Hex recess Width: 3.5mm

#### Drilling Guidelines

Threaded Hole: 3.2 mm  
Gliding Hole: 4.5 mm

#### Compatible Instruments

Shaft (gS 86.1519)  
Handle (500002)  
Drill Guide (gS 86.2586)

ITEM #	LENGTH (mm)
ST 450.14	14
ST 450.16	16
ST 450.18	18
ST 450.20	20
ST 450.22	22
ST 450.24	24
ST 450.26	26
ST 450.28	28
ST 450.30	30
ST 450.32	32
ST 450.34	34
ST 450.36	36
ST 450.38	38
ST 450.40	40
ST 450.42	42

ITEM #	LENGTH (mm)
ST 450.44	44
ST 450.46	46
ST 450.48	48
ST 450.50	50
ST 450.52	52
ST 450.54	54
ST 450.56	56
ST 450.58	58
ST 450.60	60
ST 450.62	62
ST 450.64	64
ST 450.66	66
ST 450.68	68
ST 450.70	70

### 5.5 mm Cortical Screw

Non Self-tapping | Hex Head



#### Product Details

Diameter of Thread: 5.5 mm  
Thread Pitch: 1.75 mm  
Diameter of Core: 3.8 mm  
Diameter of Head: 8.0 mm  
Hex recess Width: 3.5mm

#### Drilling Guidelines

Threaded Hole: 4.0 mm  
Gliding Hole: 5.5 mm

#### Compatible Instruments

Tap (5.5 TAP) and TH QCK  
Shaft (gS 86.1519)  
Handle (500002)

ITEM #	LENGTH (mm)
REG 550.24	24
REG 550.26	26
REG 550.28	28
REG 550.30	30
REG 550.32	32
REG 550.34	34
REG 550.36	36
REG 550.38	38
REG 550.40	40
REG 550.42	42
REG 550.44	44
REG 550.46	46

ITEM #	LENGTH (mm)
REG 550.48	48
REG 550.50	50
REG 550.52	52
REG 550.54	54
REG 550.56	56
REG 550.58	58
REG 550.60	60
REG 550.64	64
REG 550.70	70
REG 550.80	80
REG 550.90	90
REG 550.100	100

# CRUCIFORM HEAD CORTICAL SCREWS

## 1.0 mm Cruciform Head Cortical Screw

Self-tapping | Cruciform Head



**Product Details**  
 Diameter of Thread: 1.0 mm  
 Thread Pitch: 0.5 mm  
 Diameter of Core: 0.8 mm  
 Diameter of Head: 2.0 mm

**Drilling Guidelines**  
 Threaded Hole: 0.8 mm  
 Gliding Hole: 1.0 mm

**Compatible Instruments**  
 Shaft (20018A), Handle (20017A)  
*\*Must be used together*

ITEM #	LENGTH (mm)
ST 100.04	4
ST 100.05	5
ST 100.06	6
ST 100.07	7
ST 100.08	8
ST 100.09	9
ST 100.10	10
ST 100.11	11
ST 100.12	12



## 1.5 mm Cruciform Head Cortical Screw

Non Self-tapping | Cruciform Head



**Product Details**  
 Diameter of Thread: 1.5 mm  
 Thread Pitch: 0.5 mm  
 Diameter of Core: 1.1 mm  
 Diameter of Head: 3.0 mm

**Drilling Guidelines**  
 Threaded Hole: 1.1 mm  
 Gliding Hole: 1.5 mm

**Compatible Instruments**  
 Tap (1.5 TAP), Driver (gS 86.4420)  
 Shaft (gS 86.1504), Handle (gS 86.0035)  
 Drill Sleeve (DDS 1.1/1.5)

ITEM #	LENGTH (mm)
REG 150.06	6
REG 150.07	7
REG 150.08	8
REG 150.09	9
REG 150.10	10
REG 150.11	11
REG 150.12	12
REG 150.14	14

ITEM #	LENGTH (mm)
REG 150.16	16
REG 150.18	18
REG 150.20	20
REG 150.22	22
REG 150.24	24
REG 150.26	26
REG 150.28	28
REG 150.30	30

## 1.5 mm Cruciform Head Cortical Screw

Self-tapping | Cruciform Head



**Product Details**  
 Diameter of Thread: 1.5 mm  
 Thread Pitch: 0.5 mm  
 Diameter of Core: 1.1 mm  
 Diameter of Head: 3.0 mm

**Drilling Guidelines**  
 Threaded Hole: 1.1 mm  
 Gliding Hole: 1.5 mm

**Compatible Instruments**  
 Driver (gS 86.4420)  
 Shaft (gS 86.1504), Handle (gS 86.0035)  
 Drill Sleeve (DDS 1.1/1.5)

ITEM #	LENGTH (mm)
ST 150.06	6
ST 150.07	7
ST 150.08	8
ST 150.09	9
ST 150.10	10
ST 150.11	11
ST 150.12	12
ST 150.14	14

ITEM #	LENGTH (mm)
ST 150.16	16
ST 150.18	18
ST 150.20	20
ST 150.22	22
ST 150.24	24
ST 150.26	26
ST 150.28	28
ST 150.30	30

# CRUCIFORM HEAD CORTICAL SCREWS

## 2.0 mm Cruciform Head Cortical Screw

Non Self-tapping | Cruciform Head



**Product Details**  
 Diameter of Thread: 2.0 mm  
 Thread Pitch: 0.6 mm  
 Diameter of Core: 1.4 mm  
 Diameter of Head: 3.5 mm

**Drilling Guidelines**  
 Threaded Hole: 1.5 mm  
 Gliding Hole: 2.0 mm

**Compatible Instruments**  
 Tap (2.0 TAP), Driver (gS 86.4420), Drill Guide (UDG 1.5/2.0)

ITEM #	LENGTH (mm)
REG 200.06	6
REG 200.08	8
REG 200.10	10
REG 200.12	12
REG 200.14	14
REG 200.16	16
REG 200.18	18
REG 200.20	20
REG 200.22	22

ITEM #	LENGTH (mm)
REG 200.24	24
REG 200.26	26
REG 200.28	28
REG 200.30	30
REG 200.32	32
REG 200.34	34
REG 200.36	36
REG 200.38	38
REG 200.40	40

## 2.0 mm Cruciform Head Cortical Screw

Self-tapping | Cruciform Head



**Product Details**  
 Diameter of Thread: 2.0 mm  
 Thread Pitch: 0.6 mm  
 Diameter of Core: 1.4 mm  
 Diameter of Head: 3.5 mm

**Drilling Guidelines**  
 Threaded Hole: 1.5 mm  
 Gliding Hole: 2.0 mm

**Compatible Instruments**  
 Driver (gS 86.4420), Drill Guide (UDG 1.5/2.0)

ITEM #	LENGTH (mm)
ST 200.06	6
ST 200.08	8
ST 200.10	10
ST 200.12	12
ST 200.13	13
ST 200.14	14
ST 200.16	16
ST 200.18	18
ST 200.20	20
ST 200.22	22

ITEM #	LENGTH (mm)
ST 200.24	24
ST 200.26	26
ST 200.28	28
ST 200.30	30
ST 200.32	32
ST 200.34	34
ST 200.36	36
ST 200.38	38
ST 200.40	40

## 2.4 mm Cruciform Head Cortical Screw

Non Self-tapping | Cruciform Head



**Product Details**  
 Diameter of Thread: 2.4 mm  
 Thread Pitch: 1.0 mm  
 Diameter of Core: 1.7 mm  
 Diameter of Head: 4.0 mm

**Drilling Guidelines**  
 Threaded Hole: 1.8 mm  
 Gliding Hole: 2.4 mm

**Compatible Instruments**  
 Driver (20025A), Drill Guide (UDG 1.8/2.4)

ITEM #	LENGTH (mm)
REG 240.06	6
REG 240.08	8
REG 240.10	10
REG 240.12	12
REG 240.14	14
REG 240.16	16
REG 240.18	18
REG 240.20	20
REG 240.22	22

ITEM #	LENGTH (mm)
REG 240.24	24
REG 240.26	26
REG 240.28	28
REG 240.30	30
REG 240.32	32
REG 240.34	34
REG 240.36	36
REG 240.38	38
REG 240.40	40

## 2.4 mm Cruciform Head Cortical Screw

Self-tapping | Cruciform Head



**Product Details**  
 Diameter of Thread: 2.4 mm  
 Thread Pitch: 1.0 mm  
 Diameter of Core: 1.7 mm  
 Diameter of Head: 4.0 mm

**Drilling Guidelines**  
 Threaded Hole: 1.8 mm  
 Gliding Hole: 2.4 mm

**Compatible Instruments**  
 Driver (20025A), Drill Guide (UDG 1.8/2.4)

ITEM #	LENGTH (mm)
ST 240.06	6
ST 240.08	8
ST 240.10	10
ST 240.12	12
ST 240.14	14
ST 240.16	16
ST 240.18	18
ST 240.20	20
ST 240.22	22

ITEM #	LENGTH (mm)
ST 240.24	24
ST 240.26	26
ST 240.28	28
ST 240.30	30
ST 240.32	32
ST 240.34	34
ST 240.36	36
ST 240.38	38
ST 240.40	40

## T4-T8 DT LOCKING SCREWS

### 1.5 mm T4 Locking Head Screw

Self-tapping



#### Product Details

Diameter of Thread: 1.5 mm  
Thread Pitch: 0.060 mm  
Diameter of Core: 1.0 mm  
Diameter of Head: 2.2 mm

#### Drilling Guidelines

Threaded Hole: 1.5 mm

#### Compatible Instruments

T4 Shaft (20044), Handle (500002)  
Drill Guide (DT LDG 1.5)

ITEM #	LENGTH (mm)
SLH ST 150.06	6
SLH ST 150.07	7
SLH ST 150.08	8
SLH ST 150.09	9
SLH ST 150.10	10
SLH ST 150.11	11
SLH ST 150.12	12
SLH ST 150.14	14

ITEM #	LENGTH (mm)
SLH ST 150.16	16
SLH ST 150.18	18
SLH ST 150.20	20
SLH ST 150.22	22
SLH ST 150.24	24
SLH ST 150.26	26
SLH ST 150.28	28
SLH ST 150.30	30

### 2.0 mm T6 Locking Head Screw

Self-tapping



#### Product Details

Diameter of Thread: 2.0 mm  
Thread Pitch: 0.75 mm  
Diameter of Core: 1.5 mm  
Diameter of Head: 2.85 mm

#### Drilling Guidelines

Threaded Hole: 1.5 mm

#### Compatible Instruments

T6 Driver (500032)  
Shaft (500035), Handle (500002)  
Drill Guide (DT LDG 2.0)

ITEM #	LENGTH (mm)
SLH ST 200.06	6
SLH ST 200.07	7
SLH ST 200.08	8
SLH ST 200.09	9
SLH ST 200.10	10
SLH ST 200.11	11
SLH ST 200.12	12
SLH ST 200.13	13
SLH ST 200.14	14

ITEM #	LENGTH (mm)
SLH ST 200.16	16
SLH ST 200.18	18
SLH ST 200.20	20
SLH ST 200.22	22
SLH ST 200.24	24
SLH ST 200.26	26
SLH ST 200.28	28
SLH ST 200.30	30

### 2.4 mm T8 Locking Head Screw

Self-tapping



#### Product Details

Diameter of Thread: 2.4 mm  
Thread Pitch: 0.60 mm  
Diameter of Core: 1.9 mm  
Diameter of Head: 3.5 mm

#### Drilling Guidelines

Threaded Hole: 1.8 mm

#### Compatible Instruments

T8 Driver (500033)  
Shaft (500036), Handle (500002)  
Drill Guide (DT LDG 2.4)

ITEM #	LENGTH (mm)
SLH ST 240.06	6
SLH ST 240.07	7
SLH ST 240.08	8
SLH ST 240.09	9
SLH ST 240.10	10
SLH ST 240.11	11
SLH ST 240.12	12
SLH ST 240.13	13
SLH ST 240.14	14
SLH ST 240.16	16
SLH ST 240.18	18

ITEM #	LENGTH (mm)
SLH ST 240.20	20
SLH ST 240.22	22
SLH ST 240.24	24
SLH ST 240.26	26
SLH ST 240.28	28
SLH ST 240.30	30
SLH ST 240.32	32
SLH ST 240.34	34
SLH ST 240.36	36
SLH ST 240.38	38
SLH ST 240.40	40

## T8-T15 DT LOCKING SCREWS

### 2.7 mm T8 Locking Head Screw

Self-tapping



#### Product Details

Diameter of Thread: 2.7 mm  
Thread Pitch: 0.60 mm  
Diameter of Core: 2.1 mm  
Diameter of Head: 3.5 mm

#### Drilling Guidelines

Threaded Hole: 2.0 mm

#### Compatible Instruments

T8 Driver (500033)  
Shaft (500036), Handle (500002)  
Drill Guide (DT LDG 2.7)

ITEM #	LENGTH (mm)
SLH ST 270.06	6
SLH ST 270.08	8
SLH ST 270.10	10
SLH ST 270.12	12
SLH ST 270.14	14
SLH ST 270.16	16
SLH ST 270.18	18
SLH ST 270.20	20
SLH ST 270.22	22

ITEM #	LENGTH (mm)
SLH ST 270.24	24
SLH ST 270.26	26
SLH ST 270.28	28
SLH ST 270.30	30
SLH ST 270.32	32
SLH ST 270.34	34
SLH ST 270.36	36
SLH ST 270.38	38
SLH ST 270.40	40

### 3.5 mm T15 Locking Head Screw

Self-tapping



#### Product Details

Diameter of Thread: 3.5 mm  
Thread Pitch: 0.8 mm  
Diameter of Core: 2.9 mm  
Diameter of Head: 5.0 mm

#### Drilling Guidelines

Threaded Hole: 2.8 mm

#### Compatible Instruments

T15 Driver (500034)  
Shaft (500037), Handle (500002)  
Drill Guide (DT LDG 3.5)

ITEM #	LENGTH (mm)
SLH ST 350.10	10
SLH ST 350.12	12
SLH ST 350.14	14
SLH ST 350.16	16
SLH ST 350.18	18
SLH ST 350.20	20
SLH ST 350.22	22
SLH ST 350.24	24
SLH ST 350.26	26
SLH ST 350.28	28
SLH ST 350.30	30
SLH ST 350.32	32
SLH ST 350.34	34
SLH ST 350.36	36
SLH ST 350.38	38
SLH ST 350.40	40
SLH ST 350.42	42

ITEM #	LENGTH (mm)
SLH ST 350.44	44
SLH ST 350.46	46
SLH ST 350.48	48
SLH ST 350.50	50
SLH ST 350.52	52
SLH ST 350.54	54
SLH ST 350.55	55
SLH ST 350.56	56
SLH ST 350.58	58
SLH ST 350.60	60
SLH ST 350.62	62
SLH ST 350.64	64
SLH ST 350.65	65
SLH ST 350.66	66
SLH ST 350.68	68
SLH ST 350.70	70
SLH ST 350.72	72

# T25 DOUBLE-THREADED LOCKING SCREWS

## 4.0 mm T25 Locking Head Screw

Self-tapping



**Product Details**

Diameter of Thread: 4.0 mm  
 Thread Pitch: 1.0 mm  
 Diameter of Core: 3.4 mm  
 Diameter of Head: 6.8 mm

**Drilling Guidelines**

Threaded Hole: 3.2 mm

**Compatible Instruments**

T25 Driver (500034A)  
 Drill Guide (DT LDG 4.0)

ITEM #	LENGTH (mm)
SLH ST 400.14	14
SLH ST 400.16	16
SLH ST 400.18	18
SLH ST 400.20	20
SLH ST 400.22	22
SLH ST 400.24	24
SLH ST 400.26	26
SLH ST 400.28	28
SLH ST 400.30	30
SLH ST 400.32	32
SLH ST 400.34	34
SLH ST 400.36	36
SLH ST 400.38	38

ITEM #	LENGTH (mm)
SLH ST 400.40	40
SLH ST 400.42	42
SLH ST 400.44	44
SLH ST 400.46	46
SLH ST 400.48	48
SLH ST 400.50	50
SLH ST 400.52	52
SLH ST 400.54	54
SLH ST 400.56	56
SLH ST 400.58	58
SLH ST 400.60	60
SLH ST 400.62	62

## 5.0 mm T25 Locking Head Screw

Self-tapping



**Product Details**

Diameter of Thread: 5.0 mm  
 Thread Pitch: 1.0 mm  
 Diameter of Core: 4.4 mm  
 Diameter of Head: 6.8 mm

**Drilling Guidelines**

Threaded Hole: 4.3 mm

**Compatible Instruments**

T25 Driver (500034A)  
 Drill Guide (DT LDG 5.0)

ITEM #	LENGTH (mm)
SLH ST 500.14	14
SLH ST 500.16	16
SLH ST 500.18	18
SLH ST 500.20	20
SLH ST 500.22	22
SLH ST 500.24	24
SLH ST 500.26	26
SLH ST 500.28	28
SLH ST 500.30	30
SLH ST 500.32	32
SLH ST 500.34	34
SLH ST 500.36	36
SLH ST 500.38	38
SLH ST 500.40	40

ITEM #	LENGTH (mm)
SLH ST 500.42	42
SLH ST 500.44	44
SLH ST 500.46	46
SLH ST 500.48	48
SLH ST 500.50	50
SLH ST 500.55	55
SLH ST 500.60	60
SLH ST 500.65	65
SLH ST 500.70	70
SLH ST 500.75	75
SLH ST 500.80	80
SLH ST 500.85	85
SLH ST 500.90	90

## HEX HEAD DOUBLE-THREADED LOCKING SCREWS

### 2.0 mm Hex Locking Head Screw

Self-tapping | Hex Head



#### Product Details

Diameter of Thread: 2.0 mm  
Thread Pitch: 0.75 mm  
Diameter of Core: 1.5 mm  
Diameter of Head: 2.85 mm  
Hex Recess Width 1.5mm

#### Drilling Guidelines

Threaded Hole: 1.5 mm

#### Compatible Instruments

Hex Driver (20026)  
Drill Guide (DT LDG 2.0)  
Shaft (20021), Handle (500002)

ITEM #	LENGTH (mm)
HLH ST 200.06	6
HLH ST 200.07	7
HLH ST 200.08	8
HLH ST 200.09	9
HLH ST 200.10	10
HLH ST 200.11	11
HLH ST 200.12	12
HLH ST 200.13	13
HLH ST 200.14	14

ITEM #	LENGTH (mm)
HLH ST 200.16	16
HLH ST 200.18	18
HLH ST 200.20	20
HLH ST 200.22	22
HLH ST 200.24	24
HLH ST 200.26	26
HLH ST 200.28	28
HLH ST 200.30	30

### 2.4 mm Hex Locking Head Screw

Self-tapping | Hex Head



#### Product Details

Diameter of Thread: 2.4 mm  
Thread Pitch: 0.6 mm  
Diameter of Core: 1.9 mm  
Diameter of Head: 3.5 mm  
Hex Recess Width 2.0mm

#### Drilling Guidelines

Threaded Hole: 1.8 mm

#### Compatible Instruments

Hex Driver (20021A)  
Drill Guide (DT LDG 2.4),  
Shaft (20021A), Handle (500002)

ITEM #	LENGTH (mm)
HLH ST 240.06	6
HLH ST 240.07	7
HLH ST 240.08	8
HLH ST 240.09	9
HLH ST 240.10	10
HLH ST 240.11	11
HLH ST 240.12	12
HLH ST 240.13	13
HLH ST 240.14	14
HLH ST 240.16	16
HLH ST 240.18	18

ITEM #	LENGTH (mm)
HLH ST 240.20	20
HLH ST 240.22	22
HLH ST 240.24	24
HLH ST 240.26	26
HLH ST 240.28	28
HLH ST 240.30	30
HLH ST 240.32	32
HLH ST 240.34	34
HLH ST 240.36	36
HLH ST 240.38	38
HLH ST 240.40	40

### 2.7 mm Hex Locking Head Screw

Self-tapping | Hex Head



#### Product Details

Diameter of Thread: 2.7 mm  
Thread Pitch: 0.6 mm  
Diameter of Core: 2.1 mm  
Diameter of Head: 3.5 mm  
Hex Recess Width 2.5mm

#### Drilling Guidelines

Threaded Hole: 2.0 mm

#### Compatible Instruments

Hex Driver (20028)  
Drill Guide (DT LDG 2.7)  
Shaft (20022), Handle (500002)

ITEM #	LENGTH (mm)
HLH ST 270.06	6
HLH ST 270.08	8
HLH ST 270.10	10
HLH ST 270.12	12
HLH ST 270.14	14
HLH ST 270.16	16
HLH ST 270.18	18
HLH ST 270.20	20
HLH ST 270.22	22

ITEM #	LENGTH (mm)
HLH ST 270.24	24
HLH ST 270.26	26
HLH ST 270.28	28
HLH ST 270.30	30
HLH ST 270.32	32
HLH ST 270.34	34
HLH ST 270.36	36
HLH ST 270.38	38
HLH ST 270.40	40

## HEX HEAD DT LOCKING SCREWS

### 3.5 mm Hex Locking Head Screw

Self-tapping | Hex Head



#### Product Details

Diameter of Thread: 3.5 mm  
 Thread Pitch: 0.8 mm  
 Diameter of Core: 2.9 mm  
 Diameter of Head: 5.0 mm  
 Hex Recess Width 2.5 mm

#### Drilling Guidelines

Threaded Hole: 2.8 mm

#### Compatible Instruments

Shaft (20022), Handle (500002)  
 Hex Driver (20022)  
 Drill Guide (DT LDG 3.5)



HLH ST 3.5 mm  
*Self-tapping*

ITEM #	LENGTH (mm)
HLH ST 350.10	10
HLH ST 350.12	12
HLH ST 350.14	14
HLH ST 350.16	16
HLH ST 350.18	18
HLH ST 350.20	20
HLH ST 350.22	22
HLH ST 350.24	24
HLH ST 350.26	26
HLH ST 350.28	28
HLH ST 350.30	30
HLH ST 350.32	32
HLH ST 350.34	34
HLH ST 350.36	36
HLH ST 350.38	38
HLH ST 350.40	40
HLH ST 350.42	42
HLH ST 350.44	44
HLH ST 350.45	45
HLH ST 350.46	46
HLH ST 350.48	48
HLH ST 350.50	50
HLH ST 350.52	52
HLH ST 350.54	54
HLH ST 350.55	55
HLH ST 350.56	56
HLH ST 350.58	58
HLH ST 350.60	60

### Cancellous Screws

Cancellous screws are designed for fixation of cancellous bone and have more deeply cut and widely spaced threads compared to cortical screws.

Since cancellous bone is significantly less dense than cortical bone, the screw threads cut their path in the bone when the screw is inserted. Partially threaded cancellous screws are often used as lag screws for metaphyseal fractures.



CAN 6.5 mm / Non Self-tapping

**2.0 mm Hex Head  
Cancellous Screw**  
Non Self-tapping | Hex Head



**Product Details**  
 Diameter of Thread: 2.0 mm  
 Thread Pitch: 1.0 mm  
 Diameter of Core: 1.0 mm  
 Diameter of Head: 4.0 mm  
 Hex Recess Width: 1.5 mm

**Drilling Guidelines**  
 Thread Hole: 1.1 mm  
 Gliding Hole: 2.0 mm

**Compatible Instruments**  
 Tap (10112), Hex Driver (20026),  
 Shaft (20021), Handle (500002)

ITEM #	LENGTH (mm)
200.10CT	10
200.12CT	12
200.14CT	14
200.16CT	16
200.18CT	18
200.20CT	20
200.22CT	22
200.24CT	24

**3.0 mm Hex Head  
Cancellous Screw**  
Non Self-tapping | Hex Head



**Product Details**  
 Diameter of Thread: 3.0 mm  
 Thread Pitch: 1.75 mm  
 Diameter of Core: 1.8 mm  
 Diameter of Head: 5.0 mm  
 Hex Recess Width: 2.5 mm

**Drilling Guidelines**  
 Thread Hole: 2.0 mm  
 Gliding Hole: 3.0 mm

**Compatible Instruments**  
 Tap (3.0 CAN TAP 100)  
 Driver (20028), Shaft (20022),  
 Handle (500002)

ITEM #	LENGTH (mm)
CAN 300.08	8
CAN 300.10	10
CAN 300.12	12
CAN 300.14	14
CAN 300.16	16
CAN 300.18	18
CAN 300.20	20
CAN 300.22	22

ITEM #	LENGTH (mm)
CAN 300.24	24
CAN 300.26	26
CAN 300.28	28
CAN 300.30	30
CAN 300.32	32
CAN 300.34	34
CAN 300.36	36
CAN 300.38	38
CAN 300.40	40

**3.0 mm Hex Head  
Cancellous Screw**  
Self-tapping | Hex Head



**Product Details**  
 Diameter of Thread: 3.0 mm  
 Thread Pitch: 1.75 mm  
 Diameter of Core: 1.8 mm  
 Diameter of Head: 5.0 mm  
 Hex Recess Width: 2.5 mm

**Drilling Guidelines**  
 Thread Hole: 2.0 mm  
 Gliding Hole: 3.0 mm

**Compatible Instruments**  
 Driver (20028), Shaft (20022),  
 Handle (500002)

ITEM #	LENGTH (mm)
ST CAN 300.08	8
ST CAN 300.10	10
ST CAN 300.12	12
ST CAN 300.14	14
ST CAN 300.16	16
ST CAN 300.18	18
ST CAN 300.20	20
ST CAN 300.22	22

ITEM #	LENGTH (mm)
ST CAN 300.24	24
ST CAN 300.26	26
ST CAN 300.28	28
ST CAN 300.30	30
ST CAN 300.32	32
ST CAN 300.34	34
ST CAN 300.36	36
ST CAN 300.38	38
ST CAN 300.40	40

## CANCELLOUS SCREWS

### 3.0 mm Hex Head Cancellous Screw

Non Self-tapping | Hex Head



#### Product Details

Diameter of Thread: 3.0 mm  
Thread Pitch: 1.75 mm  
Diameter of Core: 1.8 mm  
Diameter of Head: 5.0 mm  
Hex recess width: 2.5 mm

#### Drilling Guidelines

Thread Hole: 2.0 mm  
Gliding Hole: 3.0 mm

#### Compatible Instruments

Tap (3.0 CAN TAP 100)  
Driver (20028), Shaft (20022),  
Handle (500002)

ITEM #	LENGTH (mm)
300.10CT	10
300.12CT	12
300.13CT	13
300.14CT	14
300.16CT	16
300.18CT	18
300.20CT	20
300.22CT	22

ITEM #	LENGTH (mm)
300.24CT	24
300.26CT	26
300.28CT	28
300.32CT	32
300.34CT	34
300.36CT	36
300.38CT	38
300.40CT	40

### 3.5 mm Hex Head Cancellous Screw

Non Self-tapping | Hex Head



#### Product Details

Diameter of Thread: 3.5 mm  
Thread Pitch: 1.75 mm  
Diameter of Core: 1.9 mm  
Diameter of Head: 6.0 mm  
Hex recess width: 2.5 mm

#### Drilling Guidelines

Threaded Hole: 2.5 mm  
Gliding Hole: 3.5 mm

#### Compatible Instruments

Tap (3.0 CAN TAP 100)  
Driver (20028), Shaft (20022),  
Handle (500002)

ITEM #	LENGTH (mm)
CAN 350.10	10
CAN 350.12	12
CAN 350.14	14
CAN 350.16	16
CAN 350.18	18
CAN 350.20	20
CAN 350.22	22
CAN 350.24	24
CAN 350.26	26
CAN 350.28	28
CAN 350.30	30
CAN 350.32	32

ITEM #	LENGTH (mm)
CAN 350.34	34
CAN 350.36	36
CAN 350.38	38
CAN 350.40	40
CAN 350.42	42
CAN 350.44	44
CAN 350.45	45
CAN 350.46	46
CAN 350.48	48
CAN 350.50	50
CAN 350.55	55
CAN 350.60	60

### 3.5 mm Hex Head Cancellous Screw

Self-tapping | Hex Head



#### Product Details

Diameter of Thread: 3.5 mm  
Thread Pitch: 1.75 mm  
Diameter of Core: 1.9 mm  
Diameter of Head: 6.0 mm  
Hex recess width: 2.5 mm

#### Drilling Guidelines

Threaded Hole: 2.5 mm  
Gliding Hole: 3.5 mm

#### Compatible Instruments

Driver (20028), Shaft (20022),  
Handle (500002)

ITEM #	LENGTH (mm)
ST CAN 350.10	10
ST CAN 350.12	12
ST CAN 350.14	14
ST CAN 350.16	16
ST CAN 350.18	18
ST CAN 350.20	20
ST CAN 350.22	22
ST CAN 350.24	24
ST CAN 350.26	26
ST CAN 350.28	28
ST CAN 350.30	30
ST CAN 350.32	32

ITEM #	LENGTH (mm)
ST CAN 350.34	34
ST CAN 350.36	36
ST CAN 350.38	38
ST CAN 350.40	40
ST CAN 350.42	42
ST CAN 350.44	44
ST CAN 350.45	45
ST CAN 350.46	46
ST CAN 350.48	48
ST CAN 350.50	50
ST CAN 350.55	55
ST CAN 350.60	60

## CANCELLOUS SCREWS

### 4.0 mm T15 Head Cancellous Screw

Self-tapping



#### Product Details

Diameter of Thread: 4.0 mm  
Thread Pitch: 1.75 mm  
Diameter of Core: 1.9 mm  
Diameter of Head: 6.0 mm

#### Drilling Guidelines

Threaded Hole: 2.5 mm  
Gliding Hole: 4.0 mm

#### Compatible Instruments

T15 Driver (500034)  
Shaft (500037), Handle  
(500002)

ITEM #	LENGTH (mm)
S ST CAN 400.10	10
S ST CAN 400.12	12
S ST CAN 400.14	14
S ST CAN 400.16	16
S ST CAN 400.18	18
S ST CAN 400.20	20
S ST CAN 400.22	22
S ST CAN 400.24	24
S ST CAN 400.26	26
S ST CAN 400.28	28

ITEM #	LENGTH (mm)
S ST CAN 400.30	30
S ST CAN 400.32	32
S ST CAN 400.34	34
S ST CAN 400.36	36
S ST CAN 400.38	38
S ST CAN 400.40	40
S ST CAN 400.42	42
S ST CAN 400.44	44
S ST CAN 400.45	45
S ST CAN 400.46	46

ITEM #	LENGTH (mm)
S ST CAN 400.48	48
S ST CAN 400.50	50
S ST CAN 400.52	52
S ST CAN 400.54	54
S ST CAN 400.56	56
S ST CAN 400.58	58
S ST CAN 400.60	60

### 4.0 mm Hex Head Cancellous Screw

Non Self-tapping | Hex Head



#### Product Details

Diameter of Thread: 4.0 mm  
Thread Pitch: 1.75 mm  
Diameter of Core: 1.9 mm  
Diameter of Head: 6.0 mm

#### Drilling Guidelines

Threaded Hole: 2.5 mm  
Gliding Hole: 4.0 mm

#### Compatible Instruments

Tap (4.0 CAN TAP 120)  
Driver (20028), Shaft  
(20022), Handle (500002)

ITEM #	LENGTH (mm)
CAN 400.10	10
CAN 400.12	12
CAN 400.14	14
CAN 400.16	16
CAN 400.18	18
CAN 400.20	20
CAN 400.22	22
CAN 400.24	24
CAN 400.26	26
CAN 400.28	28
CAN 400.30	30

ITEM #	LENGTH (mm)
CAN 400.32	32
CAN 400.34	34
CAN 400.35	35
CAN 400.36	36
CAN 400.38	38
CAN 400.40	40
CAN 400.42	42
CAN 400.44	44
CAN 400.45	45
CAN 400.46	46
CAN 400.48	48

ITEM #	LENGTH (mm)
CAN 400.50	50
CAN 400.52	52
CAN 400.54	54
CAN 400.55	55
CAN 400.56	56
CAN 400.58	58
CAN 400.60	60
CAN 400.62	62
CAN 400.64	64

## CANCELLOUS SCREWS

### 4.0 mm Hex Head Cancellous Screw

Non Self-tapping | Hex Head  
Partially Threaded



#### Product Details

Diameter of Thread: 4.0 mm  
Thread Pitch: 1.75 mm  
Diameter of Core: 2.3 mm  
Diameter of Head: 6.0 mm

#### Drilling Guidelines

Threaded Hole: 2.5 mm

#### Compatible Instruments

Tap (10014),  
Driver (20028), Shaft (20022),  
Handle (500002)

ITEM #	LENGTH (mm)
CPT 400.10	10
CPT 400.12	12
CPT 400.14	14
CPT 400.16	16
CPT 400.18	18
CPT 400.20	20
CPT 400.22	22
CPT 400.24	24
CPT 400.26	26
CPT 400.28	28
CPT 400.30	30
CPT 400.32	32

ITEM #	LENGTH (mm)
CPT 400.34	34
CPT 400.35	35
CPT 400.36	36
CPT 400.38	38
CPT 400.40	40
CPT 400.42	42
CPT 400.44	44
CPT 400.45	45
CPT 400.46	46
CPT 400.50	50
CPT 400.55	55
CPT 400.60	60

### 4.0 mm Hex Head Cancellous Screw

Self-tapping | Hex Head



#### Product Details

Diameter of Thread: 4.0 mm  
Thread Pitch: 1.75 mm  
Diameter of Core: 1.9 mm  
Diameter of Head: 6.0 mm

#### Drilling Guidelines

Threaded Hole: 2.5 mm  
Gliding Hole: 4.0 mm

#### Compatible Instruments

Driver (20028), Shaft  
(20022), Handle (500002)

ITEM #	LENGTH (mm)
ST CAN 400.10	10
ST CAN 400.12	12
ST CAN 400.14	14
ST CAN 400.16	16
ST CAN 400.18	18
ST CAN 400.20	20
ST CAN 400.22	22
ST CAN 400.24	24
ST CAN 400.26	26
ST CAN 400.28	28

ITEM #	LENGTH (mm)
ST CAN 400.30	30
ST CAN 400.32	32
ST CAN 400.34	34
ST CAN 400.35	35
ST CAN 400.36	36
ST CAN 400.38	38
ST CAN 400.40	40
ST CAN 400.42	42
ST CAN 400.44	44
ST CAN 400.45	45

ITEM #	LENGTH (mm)
ST CAN 400.46	46
ST CAN 400.48	48
ST CAN 400.50	50
ST CAN 400.52	52
ST CAN 400.54	54
ST CAN 400.55	55
ST CAN 400.56	56
ST CAN 400.58	58
ST CAN 400.60	60

## CANCELLOUS SCREWS

### 6.5 mm Hex Head Cancellous Screw

Non Self-tapping | Hex Head



#### Product Details

Diameter of Thread: 6.5 mm  
Thread Pitch: 2.75 mm  
Diameter of Core: 3.0 mm  
Diameter of Head: 8.0 mm

#### Drilling Guidelines

Threaded Hole: 3.2 mm  
Gliding Hole: 4.5 mm

#### Compatible Instruments

Tap (gS 86.1220)  
Shaft (86.1519), Handle (500002)

ITEM #	LENGTH (mm)
CAN 650.20	20
CAN 650.25	25
CAN 650.30	30
CAN 650.35	35
CAN 650.40	40
CAN 650.45	45
CAN 650.50	50
CAN 650.55	55
CAN 650.60	60
CAN 650.65	65
CAN 650.70	70

ITEM #	LENGTH (mm)
CAN 650.75	75
CAN 650.80	80
CAN 650.85	85
CAN 650.90	90
CAN 650.95	95
CAN 650.100	100
CAN 650.105	105
CAN 650.110	110
CAN 650.115	115
CAN 650.120	120

### 6.5 mm Hex Head Cancellous Screw

Non Self-tapping | Hex Head  
Partially Threaded  
16 mm Thread Length



#### Product Details

Diameter of Thread: 6.5 mm  
Thread Pitch: 2.75 mm  
Diameter of Core: 3.0 mm  
Diameter of Shaft: 4.5 mm  
Diameter of Head: 8.0 mm

#### Drilling Guidelines

Threaded Hole: 3.2 mm  
Gliding Hole: 4.5 mm

#### Compatible Instruments

Tap (gS 86.1220)  
Shaft (86.1519), Handle (500002)

ITEM #	LENGTH (mm)
CPT 650.30	30
CPT 650.35	35
CPT 650.40	40
CPT 650.45	45
CPT 650.50	50
CPT 650.55	55
CPT 650.60	60
CPT 650.65	65
CPT 650.70	70
CPT 650.75	75
CPT 650.80	80
CPT 650.85	85
CPT 650.90	90

ITEM #	LENGTH (mm)
CPT 650.95	95
CPT 650.100	100
CPT 650.105	105
CPT 650.110	110
CPT 650.115	115
CPT 650.120	120

### 6.5 mm Hex Head Cancellous Screw

Non Self-tapping | Hex Head  
Partially Threaded  
32 mm Thread Length



#### Product Details

Diameter of Thread: 6.5 mm  
Thread Pitch: 2.75 mm  
Diameter of Core: 3.0 mm  
Diameter of Shaft: 4.5 mm  
Diameter of Head: 8.0 mm

#### Drilling Guidelines

Threaded Hole: 3.2 mm  
Gliding Hole: 4.5 mm

#### Compatible Instruments

Tap (gS 86.1220)  
Shaft (86.1519), Handle (500002)

ITEM #	LENGTH (mm)
CPTL 650.45	45
CPTL 650.50	50
CPTL 650.55	55
CPTL 650.60	60
CPTL 650.65	65
CPTL 650.70	70
CPTL 650.75	75
CPTL 650.80	80



Ideal for Equine Application

## STAINLESS COUNTERSINK COMPRESSION SCREWS

### 2.4 mm Countersink Compression Screws - T8



#### Product Details

Cancellous Partial Thread  
Diameter of thread: 2.4 mm  
Thread pitch: 1.0 mm  
Diameter of core: 2.0 mm  
Diameter of head: 3.0 mm

#### Compatible Instruments

Driver (CCS-CD-T8)

ITEM #	LENGTH (mm)
CCS 240.18	18
CCS 240.20	20
CCS 240.22	22
CCS 240.24	24
CCS 240.26	26
CCS 240.28	28
CCS 240.30	30

### 3.0 mm Countersink Compression Screws - T8



#### Product Details

Cancellous Partial Thread  
Diameter of thread: 3.0 mm  
Thread pitch: 1.25 mm  
Diameter of core: 2.0 mm  
Diameter of head: 3.5 mm

#### Compatible Instruments

Driver (CCS-CD-T8)

ITEM #	LENGTH (mm)
CCS 300.20	20
CCS 300.22	22
CCS 300.24	24
CCS 300.26	26
CCS 300.28	28
CCS 300.30	30

ITEM #	LENGTH (mm)
CCS 300.32	32
CCS 300.34	34
CCS 300.36	36
CCS 300.38	38
CCS 300.40	40

### 4.5 mm Countersink Compression Screws - T15



#### Product Details

Cancellous Partial Thread  
Diameter of thread: 4.5 mm  
Thread pitch: 1.75 mm  
Diameter of core: 3.0 mm  
Diameter of head: 5.0 mm

#### Compatible Instruments

Driver (CCS-CD-T15)

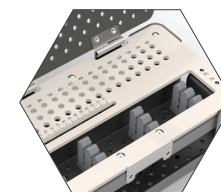
ITEM #	LENGTH (mm)
CCS 450.20	20
CCS 450.22	22
CCS 450.24	24
CCS 450.26	26
CCS 450.28	28
CCS 450.30	30
CCS 450.32	32
CCS 450.34	34
CCS 450.36	36
CCS 450.38	38
CCS 450.40	40
CCS 450.42	42

ITEM #	LENGTH (mm)
CCS 450.44	44
CCS 450.46	46
CCS 450.48	48
CCS 450.50	50
CCS 450.52	52
CCS 450.54	54
CCS 450.56	56
CCS 450.58	58
CCS 450.60	60
CCS 450.65	65
CCS 450.70	70
CCS 450.75	75

### Bit and Wire Selection Chart for CCS

CC Screw Size	Cannulated Drill Bit Size	K-wire Size
2.4 mm	CAN 2.0 150 QCK	0.045
3.0 mm	CAN 2.0 150 QCK	0.045
4.5 mm	CAN 3.2 225 QCK	0.062

Full selection of Cannulated Drill Bits available at [movora.com](http://movora.com)



CCS Screw Racks Available

## EXTRACAPSULAR SOLUTIONS

### Bone Anchors, Toggle Pins, and Suture Buttons

#### 2.7 mm Bone Anchors Self Tapping



Product Features

- Stainless steel
- Hex Head

ITEM #	LENGTH (mm)
AN 270.10T	10
AN 270.12T	12
AN 270.14T	14
AN 270.16T	16



#### 3.5 mm Bone Anchors Self Tapping



Product Features

- Stainless steel
- Hex Head

ITEM #	LENGTH (mm)
AN 350.10T	10
AN 350.12T	12
AN 350.14T	14
AN 350.16T	16
AN 350.18T	18
AN 350.20T	20
AN 350.22T	22
AN 350.24T	24
AN 350.26T	26
AN 350.28T	28
AN 350.30T	30



#### 4.0 mm Cancellous Bone Anchors Self Tapping



Product Features

- Stainless steel
- Hex Head
- Cancellous



ITEM #	LENGTH (mm)
AN 400.10T	10
AN 400.12T	12
AN 400.14T	14
AN 400.16T	16
AN 400.18T	18
AN 400.20T	20
AN 400.22T	22
AN 400.24T	24
AN 400.26T	26
AN 400.28T	28
AN 400.30T	30
AN 400.32T	32
AN 400.34T	34
AN 400.36T	36
AN 400.38T	38
AN 400.40T	40

#### Toggle Pins - Stainless Steel



I55027



I55032



I55040

ITEM #	LENGTH	Ø DIAMETER	CROSS HOLE
I55027	10	2.7	1.1
I55032	14	3.2	1.1
I55040	18	4.0	1.9

#### Suture Buttons



SB-AS



SB-PS

ITEM #	HOLES
SB-AS - titanium	2
SB-PS - titanium	4

## SCREW RACKS AND STERILIZATION CASES

### Multi Screw Racks

#### Product Features

- One-handed latch operation
- Anodized aluminum with composite deck
- Autoclavable
- Screw length gauge
- SRA holds 6 per size
- Holds a variety of screw types and lengths in that size

#### Now available in sizes:

1.5 | 2.0 | 2.4 | 2.7 | 3.5 | 4.0 | 4.5



### 1.5 - Screw Rack

#### ITEM: 1.5 SRA

Width: 130 mm | Height: 49.1 mm | Depth: 80 mm



### 2.0 - Screw Rack

#### ITEM: 2.0 SRA

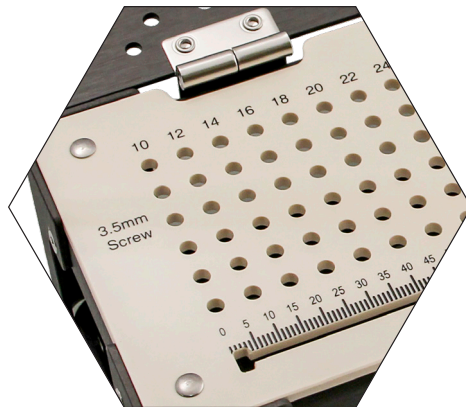
Width: 170 mm | Height: 49.1 mm | Depth: 80 mm



# SCREW RACKS AND STERILIZATION CASES

## Anodized Multi Screw Racks

Composite deck with easy to read markings



### 2.4 - Screw Rack

ITEM: 2.4 SRA

Width: 170 mm | Height: 49.1 mm | Depth: 80 mm



### 2.7 - Screw Rack

Product Features

- Holds screws up to 50 mm long

ITEM: 2.7 SRA

Width: 210 mm | Height: 59.5 mm | Depth: 90 mm



### 3.5 - Screw Rack

Product Features

- Holds screws up to 50 mm long

ITEM: 3.5 SRA

Width: 215 mm | Height: 72 mm | Depth: 90 mm



### 4.5 - Screw Rack

Product Features

- Holds screws up to 54 mm long

ITEM: 4.5 SRA

Width: 260 mm | Height: 72 mm | Depth: 105 mm



### 4.0 - Screw Rack

Product Features

- Holds screws up to 60 mm long

ITEM: 4.0 SRA

Width: 215 mm | Height: 72 mm | Depth: 90 mm



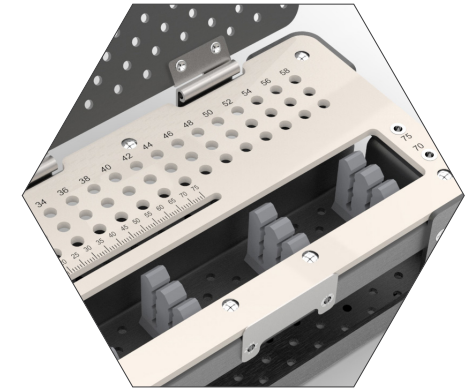
## Anodized CCS Screw Racks

### Product Features

- For CCS Screws only
- One-handed latch operation
- Anodized aluminum with composite deck
- Autoclavable
- Screw length gauge
- Holds a variety of lengths in that size

Now available in sizes:

2.4 | 3.0 | 4.5



### 2.4 - Screw Rack

#### Product Features

- Holds screws up to 28 mm long

**ITEM: CCS 2.4 SR**

Width: 180 mm | Height: 64 mm | Depth: 50 mm



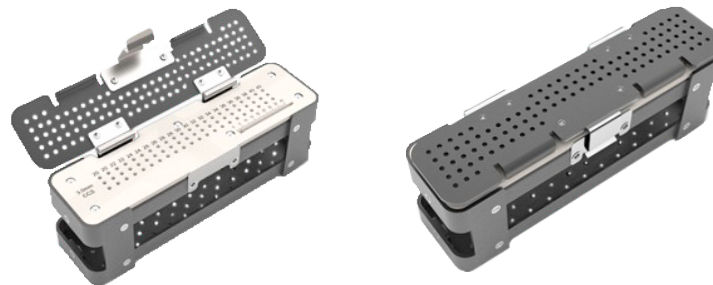
### 3.0 - Screw Rack

#### Product Features

- Holds screws up to 40 mm long

**ITEM: CCS 3.0 SR**

Width: 180 mm | Height: 64 mm | Depth: 50 mm



### 4.5 - Screw Rack

#### Product Features:

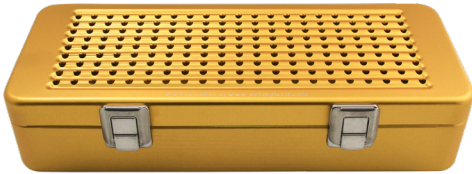
- Holds screws up to 75 mm long

**ITEM: CCS 4.5 SR**

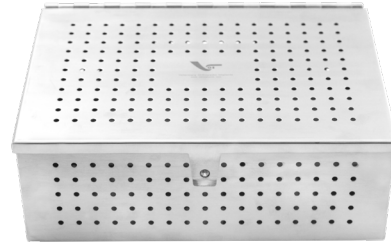
Width: 180 mm | Height: 64 mm | Depth: 100 mm



## SCREW RACKS AND STERILIZATION CASES



**ITEM: SC C**  
Length: 310 mm | Width: 122 mm | Height: 66 mm  
*Hinged Lid*



**ITEM: SC P**  
Length: 260 mm | Width: 180 mm | Height: 90 mm  
*Hinged Lid*



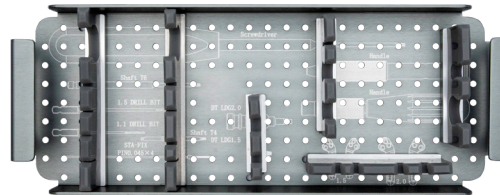
**ITEM: SC D A**  
Length: 310 mm | Width: 122 mm | Height: 80 mm  
*Removable Hinged Lid - See tray options below*

### A. Locking TPLO Trays for SC D A

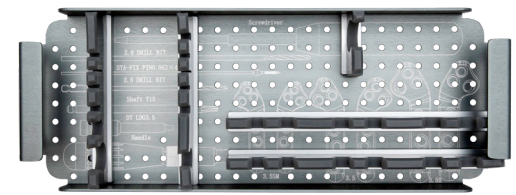
**Product Features:**

- Available in sized 1.5/2.0, 2.4/2.7, and 3.5
- Anodized
- Marked with product and instrument outlines
- Must be used with the Lower Instrument Tray- sold separately

Length: 300mm | Width: 115 mm | Height: 40 mm



**A. ITEM #: TPLO INSTRUMENT TRAY 1.5/2.0**



**A. ITEM #: TPLO INSTRUMENT TRAY 3.5**

### B. Lower Instrument Tray for SC D A

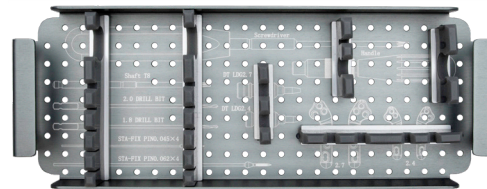
**Product Features:**

- Must be used with the Locking TPLO Instrument Trays
- Includes sterimat
- Anodized

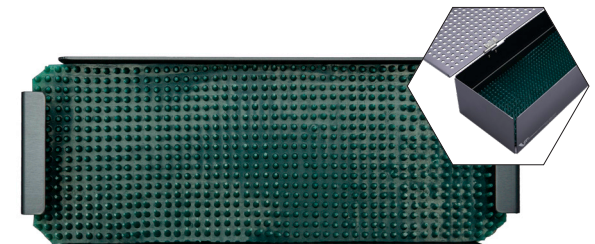
**ITEM: LOWER INSTRUMENT TRAY**

**Includes Sterimat**

Length: 300mm | Width: 115 mm | Height: 40 mm



**A. ITEM #: TPLO INSTRUMENT TRAY 2.4-2.7**



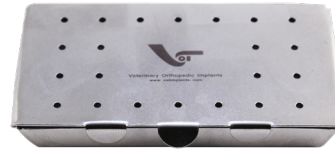
**B. ITEM #: LOWER INSTRUMENT TRAY**

## SCREW RACKS AND STERILIZATION CASES



**ITEM: SC M**

Length: 69 mm | Width: 43 mm | Height: 9.0 mm  
Sliding Lid



**ITEM: SC MXL**

Length: 83 mm | Width: 43 mm | Height: 9.3 mm  
Sliding Lid

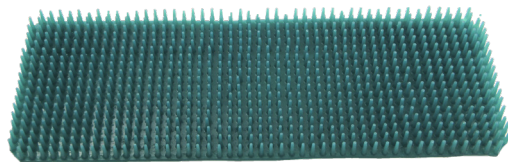
✓ PERFECT TO ORGANIZE AND STERILIZE PLUGS, WASHERS, CRIMPS, SMALL SCREW BATCHES AND SMALL TOOLS

### Sterimats

Place in bottom of case to hold instruments.

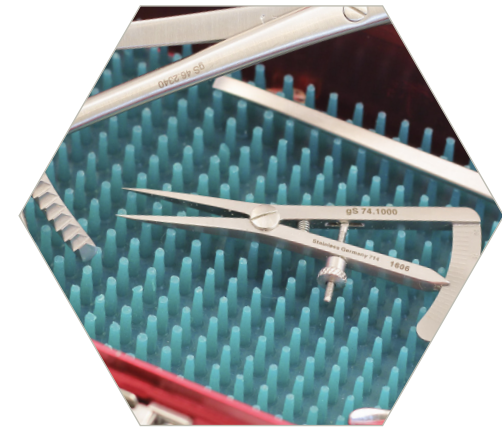
Product Features

- Silicone
- 15 mm high



Need a custom size?  
We can custom cut a size for you!

ITEM #	DIMENSIONS
Sterimat - SC C	4.25" x 10.2"
Sterimat - SC D	4.25" x 10.2"
Sterimat - TTA Box A	5.75" x 11"
Sterimat - 20047	7.5" x 11.5"
Sterimat - Pearl Box	7.5" x 11.5"
Sterimat - LBPC	7.5" x 13.5"
Sterimat - SBPC 07	7.5" x 13.5"
Sterimat - SC A	7" x 10.6"
Sterimat - SC P	7" x 10"
Sterimat - SC P	7" x 10"
Sterimat - TTA Box B	7" x 10"
Sterimat - TPLO Case	7.25" x 13.74"
Sterimat - Tray Case	7.25" x 13.74"



## SCREW RACKS AND STERILIZATION CASES



Width: 362 mm | Depth: 194 mm | Height: 112 mm



*Pictured with  
ITEM: VDRIVE TRAY*

### Large Sterilization Case ITEM: TRAY CASE

#### Product Features

- Large anodized sterilization case is perfect for autoclaving power equipment and accessories
- Removable lid
- Perforated on all sides for steam release
- Holds any of the TPLO trays or CBLO trays (sold separately on the following pages) at the top while leaving the bottom open for additional instruments and other large objects for storage or sterilization.

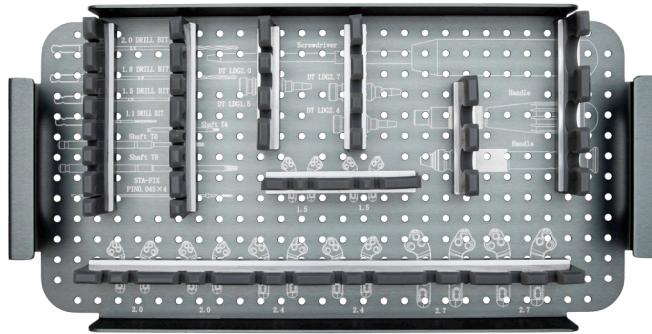


GREAT FOR STORAGE AND STERILIZATION OF POWER EQUIPMENT AND ACCESSORIES

## SCREW RACKS AND STERILIZATION CASES

- For use with TRAY CASE (ITEM: TRAY CASE)
- Trays are sold empty
- Each tray holds 2 of each size plate
- Room for various SR screw rack configurations

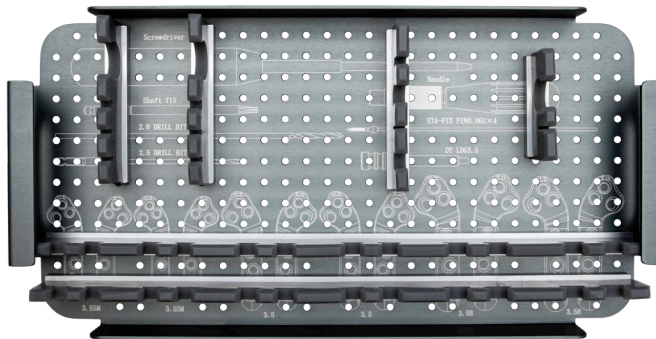
- All trays feature space for one piece driver or a driver handle and one driver shaft
- All trays accept both AO/QCK and Jacobs drill bits (2 of each size )



### ITEM: TPLO TRAY - SM

#### Product Features

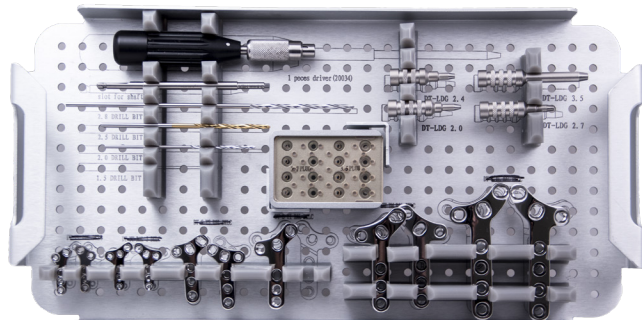
- Designed for 1.5mm, 2.0mm, 2.4mm and 2.7mm TPLO plates
- Silicone holders
- Length: 358 mm
- Width: 180 mm
- Height: 40 mm



### ITEM: TPLO TRAY - LG

#### Product Features

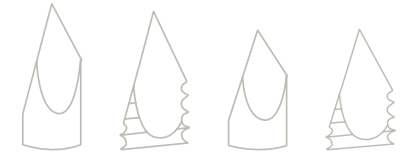
- Designed for 3.5mm Small, 3.5mm, and 3.5mm Broad TPLO Plates
- Silicone holders
- Length: 358 mm
- Width: 180 mm
- Height: 40 mm



### ITEM: Y TPLO TRAY

#### Product Features

- Designed for Y Style Plates
- Silicone holders
- Length: 353 mm
- Width: 181 mm
- Height: 39 mm



## K-wires, Pins, and Accessories

### Wires and Pins

- K-wire
- Cerclage Wire
- Pins
- Sta-Fix

### Accessories

- Aiming Guide



**Negative Thread SCAT Fixation Half Pins**

Product Features

- Stainless steel
- Smooth shaft
- Trocar end
- Flat end

ITEM #	Ø (in)	Ø (mm)	LENGTH (in)
I24222	3/32	2.4	4.5
I25222	1/8	3.2	5

**TPLO Reduction Pins**

Product Features

- Stainless steel
- Smooth shaft
- Trocar end
- Flat end

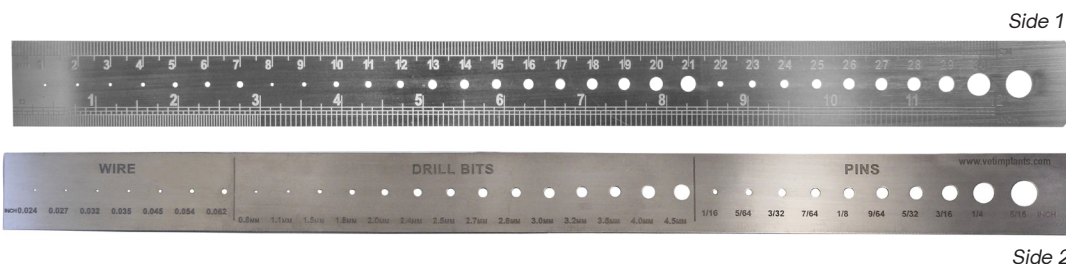
ITEM #	THREAD (mm)	LENGTH (mm)	Ø SIZE (mm)
I29016	46	130	1.5
I29020	65	155	2



**12" Ruler, Pin and Drill Bit Gauge**  
ITEM: KS-1171

Product Features

- Stainless steel
- Double sided

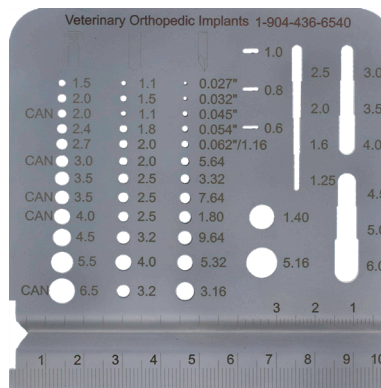


**Measuring Gauge**

ITEM: GAUGE

Product Features

- Stainless steel
- Use to measure pins, screws and drill bits
- Measures 101.6 mm x 101.6 mm



## K-WIRE, PINS & ACCESSORIES

### Cerclage Wire with Loop

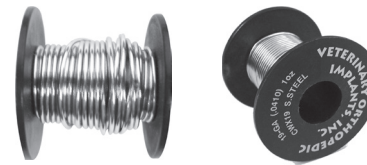
- Product Features
- Stainless steel



ITEM #	LENGTH (mm)	Ø SIZE (mm)	GAUGE
CW 0.8	280	0.8	21
CW 1.0	280	1.0	19
CW 1.2	280	1.2	18

### Cerclage Wire Spool (CWX)

- Product Features
- Stainless steel



ITEM #	Ø SIZE (mm)	GAUGE
CWX 16	.5	16
CWX 18	1.2	18
CWX 19	1.0	19
CWX 20	0.9	20
CWX 21	0.8	21
CWX 22	0.7	22
CWX 23	0.6	23
CWX 24	0.5	24
CWX 26	0.4	26
CWX 28	0.4	28

### Cerclage Wire Coil (CWC)

- Product Features
- Stainless steel



ITEM #	LENGTH (m)	Ø SIZE (mm)	GAUGE
CWC 0.4	10	0.4	27
CWC 0.6	10	0.6	23
CWC 0.8	10	0.8	21
CWC 1.0	10	1.0	19
CWC 1.2	10	1.2	18



### Cerclage Button (CB)

- Product Features
- Stainless steel

10.0 mm W | 5.9 mm H



11.8 mm W | 7.6 mm H



7.9 mm W | 4.0 mm H



ITEM #	DETAILS
CB 2.7	Button for 2.7 Compression Plate
CB 3.5	Button for 3.5 Compression Plate
CB 4.5	Button for 4.5 Compression Plate

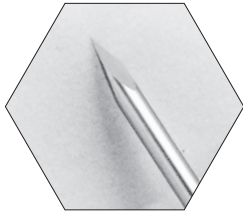
## K-WIRE, PINS, & ACCESSORIES

NOTE: The following product codes are derived from their diameter in decimals of an inch - a universal way to measure and reference K-wires

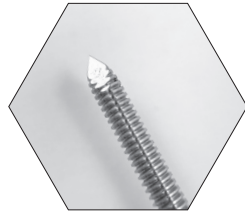
### K-wire

#### Product Features

- Stainless steel
- Use with wire driver for power



TROCAR SMOOTH END



TROCAR THREADED END

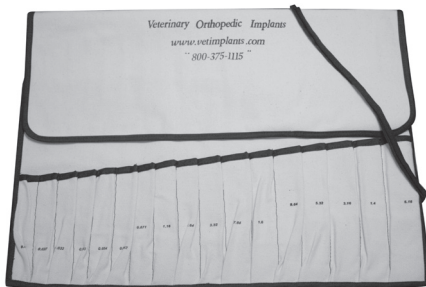
ITEM #	Ø (Inches)	LENGTH (Inches)	DESCRIPTION
0.024	.024	7	Double Trocar
0.027	.027	7	Double Trocar
0.032	.032	7	Double Trocar
0.032T	.032	7	Partially Threaded
0.045	.045	7	Double Trocar
0.045T	.045	7	Partially Threaded
0.054	.054	8	Double Trocar
0.054T	.054	8	Partially Threaded
0.062	.062	8	Double Trocar
0.062HT	.062	6	Half Threaded
0.062T	.062	8	Partially Threaded
0.071T	.071	9	Partially Threaded



#### Pin Bag ITEM: PIN BAG

##### Product Features

- Labeled pockets with tie closure
- Canvas
- Fits 0.027 - 9.64 pins
- Measures 381 mm X 482.6 mm opened (15" x 19")

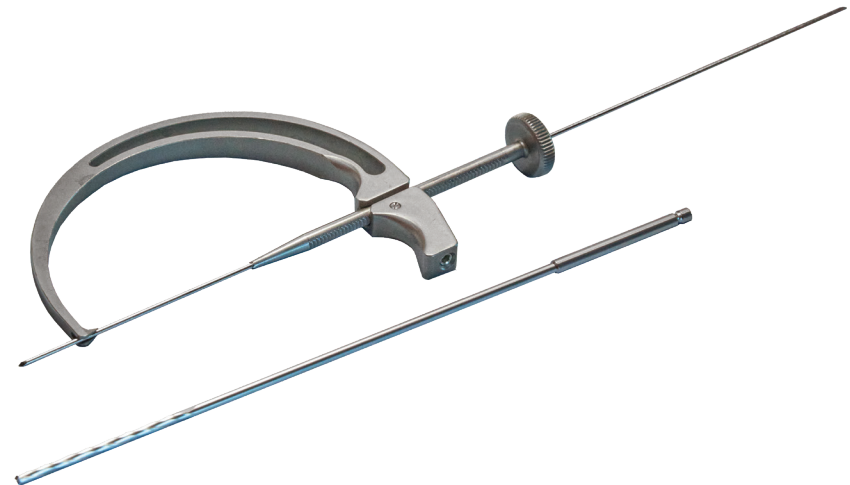


#### Large Pin Bag ITEM: LARGE PIN BAG

##### Product Features

- Labeled pockets with tie closure
- Canvas
- Fits 0.024-5.16 pins
- Measures 558.2 mm X 609.6 mm opened (22" x 24")

#### Aiming Guide ITEM: 100017

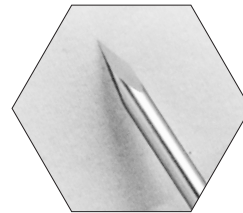


\* Organize and safely store a full range of pins and wires

**IM Pins - Double Trocar, Smooth**

Product Features

- Stainless steel
- Smooth shaft
- Trocar both ends
- Use with pin driver attachment or hand chuck for power



TROCAR SMOOTH END

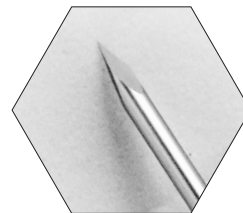
*NOTE: The following product codes are derived from their diameter in fractions of an inch (i.e. 1/16 =1.16) - a universal way to measure and reference IM Pins.*

ITEM #	Ø (Inches)	LENGTH (Inches)	DESCRIPTION
1.16	1/16	8	Double Trocar, Smooth
5.64	5/64	8	Double Trocar, Smooth
5.64 L	5/64	9	Double Trocar, Smooth
3.32	3/32	8	Double Trocar, Smooth
3.32 L	3/32	9	Double Trocar, Smooth
7.64	7/64	9	Double Trocar, Smooth
1.80	1/8	9	Double Trocar, Smooth
1.80 L	1/8	12	Double Trocar, Smooth
1.80 11"	1/8	11	Double Trocar, Smooth
9.64	9/64	9	Double Trocar, Smooth
9.64L	9/64	10	Double Trocar, Smooth
5.32	5/32	12	Double Trocar, Smooth
3.16	3/16	12	Double Trocar, Smooth
1.40	1/4	12	Double Trocar, Smooth
5.16	5/16	12	Double Trocar, Smooth

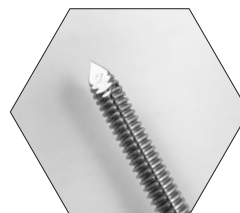
**IM Pins - Trocar Smooth, Trocar Threaded**

Product Features

- Stainless steel
- One trocar smooth end
- One trocar threaded end
- Use with pin driver attachment for power



TROCAR SMOOTH END



TROCAR THREADED END

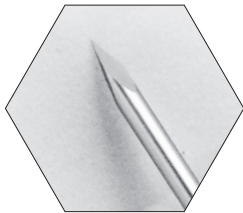
*NOTE: The following product codes are derived from their diameter in fractions of an inch (i.e. 1/16 =1.16) - a universal way to measure and reference IM Pins.*

ITEM #	Ø (Inches)	LENGTH (Inches)	DESCRIPTION
1.16T	1/16	8	Smooth - Threaded
1.16T L	1/16	9	Smooth - Threaded
5.64T	5/64	8	Smooth - Threaded
5.64T L	5/64	9	Smooth - Threaded
3.32T	3/32	8	Smooth - Threaded
3.32T L	3/32	9	Smooth - Threaded
7.64T	7/64	9	Smooth - Threaded
1.80T	1/8	9	Smooth - Threaded
1.80T L	1/8	12	Smooth - Threaded
9.64T	9/64	10	Smooth - Threaded
5.32T	5/32	12	Smooth - Threaded
3.16T	3/16	12	Smooth - Threaded
1.40T	1/4	12	Smooth - Threaded
5.16T	5/16	12	Smooth - Threaded

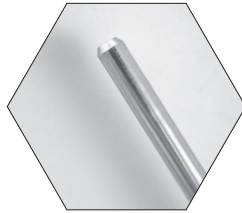
**Half Pins - 1 Trocar Smooth / 1 Flat End**

Product Features

- Stainless steel
- Trocar smooth end
- Flat end
- Use with pin driver attachment or hand chuck for power



TROCAR SMOOTH END



FLAT END



ITEM #	Ø (Inches)	LENGTH (Inches)	DESCRIPTION
0.027HP	.027	3.5	Smooth / Flat
0.032HP	.032	4	Smooth / Flat
0.045HP	.045	3.5	Smooth / Flat
0.054HP	.054	4	Smooth / Flat
0.062HP	.062	4	Smooth / Flat
1.16HP	1/16	4	Smooth / Flat
5.64HP	5/64	5	Smooth / Flat
3.32HP	3/32	4.5	Smooth / Flat
7.64HP	7/64	5	Smooth / Flat
1.80HP	1/8	4.5	Smooth / Flat
9.64HP	9/64	6	Smooth / Flat
5.32HP	5/32	6	Smooth / Flat
3.16HP	3/16	6	Smooth / Flat
1.40HP	1/4	6	Smooth / Flat
5.16HP	5/16	6	Smooth / Flat

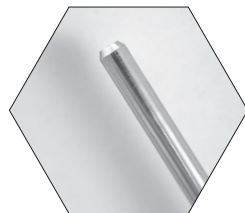
**Half Pins - 1 Trocar Threaded / 1 Flat End**

Product Features

- Stainless steel
- Trocar threaded end
- Negative threaded
- Flat end
- Use with pin driver attachment or hand chuck for power



TROCAR THREADED END



FLAT END

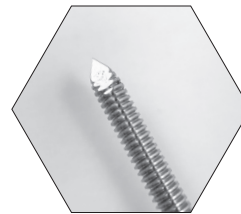


ITEM #	Ø (Inches)	LENGTH (Inches)	DESCRIPTION
0.032HPT	.032	4	Threaded / Flat
0.045HPT	.045	4	Threaded / Flat
0.054HPT	.054	4	Threaded / Flat
1.16HPT	1/16	4	Threaded / Flat
5.64HPT	5/64	4	Threaded / Flat
3.32HPT	3/32	4.5	Threaded / Flat
7.64HPT	7/64	4.5	Threaded / Flat
1.80HPT	1/8	4.5	Threaded / Flat
9.64HPT	9/64	6	Threaded / Flat
5.32HPT	5/32	6	Threaded / Flat
3.16HPT	3/16	6	Threaded / Flat
1.40HPT	1/4	6	Threaded / Flat
5.16HPT	5/16	6	Threaded / Flat

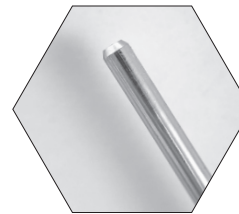
K-wires are used as temporary fixation to hold plates while preparing them for final attachment and while driving the Countersink Compression Screws (CCS) during the CBLO procedure.

! A complete selection of cannulated drill bits can be found at [movora.com](http://movora.com)

ITEM #	DETAILS
STA-FIX PIN 0.045	Threaded wire with stopper - 1.0 mm
STA-FIX PIN 0.062	Threaded wire with stopper - 1.6 mm



TROCAR THREADED END



FLAT END

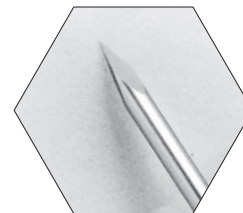


OLIVE TIP

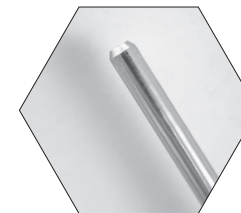
**Sta-Fix Pin**

- Product Features
- Stainless steel
  - Smooth shaft
  - Threaded trocar end
  - Flat end

ITEM #	DETAILS
I240002	1.6 X 200 mm Olive Wire
I440002	1.0 X 125 mm Olive Wire



TROCAR SMOOTH END



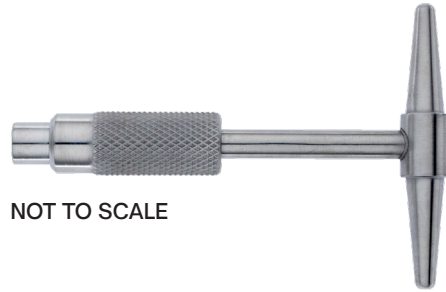
FLAT END

**Olive Wire**

- Product Features
- Stainless steel
  - Smooth shaft
  - Trocar end
  - Flat end

**Quick Coupling Tap Handle**  
ITEM: TH QCK

- Product Features
- Stainless steel



NOT TO SCALE

**VOI Cortical Taps**

- Product Features
- Quick coupling for easy tap changes
  - Stainless steel

ITEM #	DESCRIPTION	LENGTH (mm)
10010	1.5 mm Cortical	76
10011	2.0 mm Cortical	101
10011A	2.4 mm Cortical	100
10013	3.5 mm Cortical	126
10014	4.5 mm Cortical	126
10112	2.0 mm Cancellous	76
10113	3.0 mm Cancellous	76
10114	4.0 mm Cancellous	76



ITEM: 10010



ITEM: 10011A



ITEM: 10013 - Tin Coated

### Quick Coupling Taps

Product Features

- Quick coupling for easy tap changes
- Stainless steel
- Tin Coating available on 3.5 TAP



ITEM: 2.0 TAP

ITEM #	LENGTH (mm)
1.5 TAP	60
2.0 TAP	70
2.7 TAP	100
3.5 TAP	110
4.5 TAP	130
5.5 TAP	197

### Quick Coupling Dental Taps

Product Features

- Quick coupling for easy tap changes
- Stainless steel
- Compatible handle (Order ITEM: gS 86.0035)



ITEM: 1.5 D TAP

ITEM #	LENGTH (mm)
1.5 D TAP	50
2.0 D TAP	54

### Quick Coupling Cancellous Taps

Product Features

- Quick coupling for easy tap changes
- Stainless steel



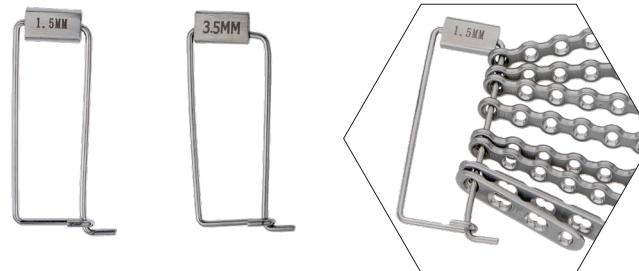
ITEM: 3.5 CAN TAP 110

ITEM #	LENGTH (mm)
3.0 CAN TAP 100	100
3.5 CAN TAP 110	110
4.0 CAN TAP 110	110
4.0 CAN TAP 120	120

### Bone Plate Clips

Product Features

- Easily store and identify your bone plates by size
- Holds up to 8 plates per clip



ITEM #	LENGTH (mm)
BPC 1.0	1.0
BPC 1.5	1.5
BPC 2.0	2.0
BPC 2.4	2.4
BPC 2.7	2.7
BPC 3.5	3.5

## Double-threaded Plate Holder

### Product Features

- Double-threaded tips act as an extension of your hands in tight situations
- New handle offers ease of handling as you position plates
- Works with all VOI DT plates



**1.5 Double-threaded Plate Holder**  
ITEM: DT PH 1.5



**2.0 Double-threaded Plate Holder**  
ITEM: DT PH 2.0



**2.4 / 2.7 Double-threaded Plate Holder**  
ITEM: DT PH 2.4/2.7



**3.5 Double-threaded Plate Holder**  
ITEM: DT PH 3.5

## Contouring Levers

### Double-threaded Contouring Levers

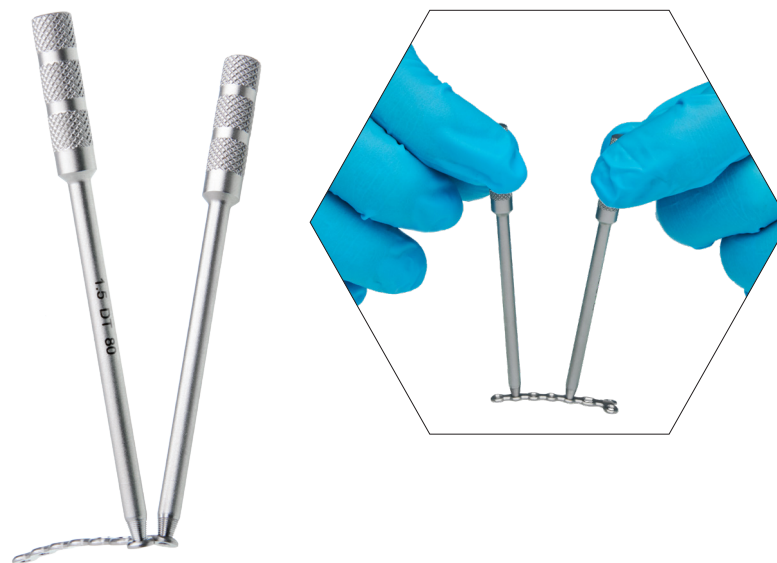
#### Product Features

- Preserves threaded hole integrity while contouring
- Works best with our 1.5mm Double-threaded Locking System
- Assists in contouring implants for a perfect fit
- Acts as a plate holder when used individually
- Stainless steel
- Autoclavable

ITEM: DT PH 1.5

Add 2 to your order to use for contouring your 1.5 mm implants!

*Priced individually - sold as a set.*



TPLO and combination DT locking compression plates feature multipurpose locking holes that can utilize our universal drill guide for more efficient compression.

ITEM #	Drill Bit (mm)	Screw (mm)
UDG 1.5/2.0	1.5	2.0
UDG 1.8/2.4	1.8	2.4
UDG 2.0/2.7	2.0	2.7
UDG 2.5/3.5	2.5	3.5

Use with all locking plates including TPLO Plates & CDT Compression Plates.

**Neutral Position**

**ITEM: UDG 2.0/2.7**

**ITEM: UDG 2.5/3.5**

**Compression Position**

Depress Top for Compression Position

Compression

Neutral

Incorrect Position

Screw Shaft

For compression, place the sleeve flush against the bottom of the hole (as indicated above) and drill the pilot hole.

ET-35SMR TPLO Plate Shown

## Compressiv/Versiv TPLO Sliding Pin Holes



Bottom Slot



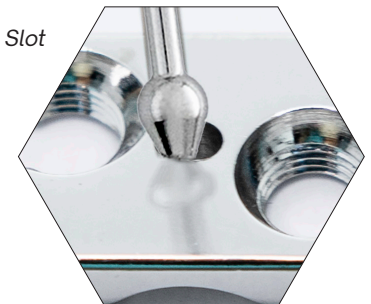
If using the sliding pin hole for temporary fixation, you can visualize that compression is achieved when the pin slides from the bottom to the top position within the slot.

TPLO Plate Item #: ETC-35 with Sta-Fix Pins Item #: STA-FIX PIN 0.062

If optimal compression is not achieved, you can opt to use a non-locking screw in the most distal hole in place of a locking screw and achieve additional compression on the second hole.



Top Slot



# DEPTH GAUGES



**ITEM: 30019A** | Depth Gauge for 1.0 mm Screws 0-30 mm | 0.8 mm Tip



**ITEM: 20010** | Depth Gauge for 1.5 mm Screws 4-24 mm | 1.1 mm Tip



**ITEM: 20050** | Depth Gauge for 2.4, 2.7, 3.5 mm Screws 0-40 mm | 1.8 mm Tip



**ITEM: 20015** | Depth Gauge for 3.5-6.5 mm Screws 10-120 mm | 2.5 mm Tip



**ITEM: 20012** | Depth Gauge for 2.4-4.5 mm Screws 0-50 mm | 1.8 mm Tip



**ITEM: 319.01** | Mini Depth Gauge for 2.4-4.0 Screws 5-60 mm | 1.8 mm Tip



**ITEM: 319.04** | Small Depth Gauge for 2.4-4.0 Screws 6-50 mm | 1.8 mm Tip



**ITEM: 319.11** | Mini Depth Gauge for 1.5/2.0/2.4 Screws 4-30 mm | 1.1 mm Tip

NON Locking Screws									Locking Screws									
Thread Diameter	1.0	1.5	2.0	2.4	2.7	3.5	4.5	5.5	◀ Screw Size ▶	Thread Diameter	1.5	2.0	2.4	2.7	3.5	4.0	5.0	
Screw Type	Cortical									Screw Type	DT Locking Head							
Drill Bit for Gliding Hole	1.0	1.5	2.0	2.4	2.7	3.5	4.5	5.5										
<p><i>Gliding Hole</i></p> <p><i>Threaded Hole</i></p>																		
Drill Bit for Threaded Hole	0.8	1.1	1.5	1.8	2.0	2.5	3.2	4.0	◀ Bit Diameter ▶	Drill Bit for Threaded Hole	1.1	1.5	1.8	2.0	2.8	3.2	4.3	

# STAINLESS WASHERS

## Washers

- Product Features
- Stainless steel

ITEM #	SCREW SIZE (mm)	DESCRIPTION	INNER (mm)	OUTER (mm)	THICKNESS (mm)
20900	1.5 - 2.0	Flat	2.0	4.5	0.6
20901	2.7 - 4.5	Flat	4.1	7.0	0.8
20902	3.5 - 5.5	Flat	5.1	10.0	1.0
20903	4.5 - 7.0	Flat	6.7	13.0	1.5
20904	2.7	Spiked	3.4	8.0	5.0
20905	2.7 - 3.5	Spiked	4.0	13.5	6.0
20906	3.5 - 6.5	Spiked	5.6	14.0	6.0

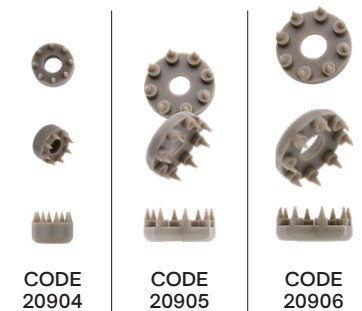


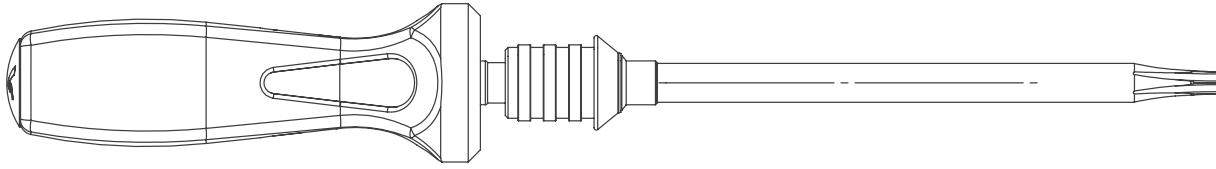
ITEM #	SCREW SIZE (mm)	DESCRIPTION	INNER (mm)	OUTER (mm)	THICKNESS (mm)
10900	2.7-4.5	Flat	5.0	11.0	1.1
10901	2.7-4.5	Spiked	4.5	11.0	1.1
10902	2.7-4.5	Double Spiked	4.5	11.0	1.6
10903	2.7-3.5	Double Spiked	4.3	11.0	4.7
10904	2.7-3.5	Double Spiked	4.3	11.0	6.3
10905	2.7-4.5	Double Spiked	4.5	11.0	10.2
10906	2.0-3.0	Spiked	3.0	6.0	2.6

## PEEK Washers

- Product Features
- Lightweight polymer

ITEM #	SCREW SIZE (mm)	DESCRIPTION	INNER (mm)	OUTER (mm)	THICKNESS (mm)
PEEK 20904	2.0 - 2.7	Spiked	3.4	8.0	5.0
PEEK 20905	2.7 - 3.5	Spiked	4.0	13.5	6.0
PEEK 20906	3.5 - 6.5	Spiked	5.6	14.0	6.0





## Instruments

Drivers  
Surgical Instruments  
Plate Bending Accessories



## T4-25 DRIVERS AND SHAFTS

### Drivers

**T6 Driver** *(Not to scale)*  
**ITEM: 500032** | For 2.0 mm T6 head screws



**T15 Driver** *(Not to scale)*  
**ITEM: 500034** | For 3.5 mm T15 head screws



**T8 Driver** *(Not to scale)*  
**ITEM: 500033** | For 2.4/2.7 mm T8 head screws



**T25 Driver** *(Not to scale)*  
**ITEM: 50034A** | For 4.0/5.0 mm T25 head screws



**T4 Driver MQC Shaft**  
**ITEM: 20043** | Shaft for Dental/Mini, standard and MQC for 1.5mm T4 head screws  
*Compatible handle (Order ITEM: gS 86.0035)*



**T6 Driver QCK Shaft**  
**ITEM: 500035** | Shaft for 2.0 mm T6 head screws



**T15 Driver QCK Shaft**  
**ITEM: 500037** | Shaft for 3.5 mm T15 head screws



**T4 Driver QCK Shaft**  
**ITEM: 20044** | Shaft for 1.5 mm T4 head screws  
*Compatible handle with QCK Coupling AO (Order ITEM: 500002)*



**T8 Driver QCK Shaft**  
**ITEM: 500036** | Shaft for 2.4/2.7 mm T8 head screws



### QCK

**T6 Driver Jacobs Shaft**  
**ITEM: 20040** | Shaft for 2.0 mm T6 head screws



**T15 Driver Jacobs Shaft**  
**ITEM: 20042** | Shaft for 3.5 mm T15 head screws



**T8 Driver Jacobs Shaft**  
**ITEM: 20041** | Shaft for 2.4/2.7 mm T8 head screws



### Jacobs

# TORQUE LIMITING

NOT TO SCALE

## T4 Torque Limiting Handle ITEM: 500010

- Mini QCK Connect
- 0.15 Nm
- For T4 1.5 Locking Screws



## T4 Torque Limiting Handle ITEM: 500009

- AO/QCK Connection
- 0.15 Nm
- For T4 1.5 Locking Screws



## T6 Torque Limiting Handle ITEM: 5000011

- AO/QCK Connect
- 0.4 Nm
- For T6 2.0 Locking Screws



## T8 Torque Limiting Handle ITEM: 5000012

- AO/QCK Connect
- 0.8 Nm
- For T8 2.4/2.7 Locking Screws



## T15 Torque Limiting Handle ITEM: 5000013

- AO/QCK Connect
- 0.15 Nm
- For T15 3.5 Locking Screws



## Torque Limiting Attachment 0.4 Nm

ITEM: TLA 0.4 | For 1.5/2.0 mm Screws  
(Not to scale)



## 1.5mm Driver QCK Shaft - T4 Short

ITEM: TLA 0.4A | For TLA 0.4 & 500011  
(Not to scale)



## 2.0mm Driver QCK Shaft - T6 Short

ITEM: TLA 0.4B | For TLA 0.4 & 500011  
(Not to scale)



## Torque Limiting Attachment 0.8 Nm

ITEM: TLA 0.8 | For 2.4/2.7 mm Screws  
(Not to scale)



## 2.4/2.7mm Driver QCK Shaft - T8 Short

ITEM: TLA 0.8B | For TLA 0.8 & 500012  
(Not to scale)



## Torque Limiting Attachment 1.5 Nm

ITEM: TLA 1.5 | For 3.5 mm Screws  
(Not to scale)



## 3.5mm Driver QCK Shaft - T15 Short

ITEM: TLA 1.5A | For TLA 1.5 & 500013  
(Not to scale)



## HEX DRIVERS AND SHAFTS

**ITEM: 10024** | For 2.4 mm Hex Head Screws



**ITEM: 20026** | 1.5 & 2.0 mm Hex - 200 mm



**ITEM: 20028** | 2.7, 3.0, 3.5, & 4.0 mm for Hex Head Screws- 200 mm



**ITEM: 20026HS** | Holding Sleeve for 20026



**ITEM: 20027HS**  
Holding Sleeve for 20027 or 20028



**ITEM: 20021A** | 2.4 mm Hex Shaft AO QCK Connect - 100 mm



**ITEM: 20022** | 2.7, 3.0, 3.5, 4.0 mm Hex Shaft AO QCK Connect - 100 mm



**ITEM: 20023** | 2.7, 3.0, 3.5, 4.0 mm Hex Shaft AO QCK Connect - 135 mm



**ITEM: gS 86.1519** | 4.5, 5.5, & 6.5 mm Hex Shaft AO QCK Connect - 114 mm



# CRUCIFORM DRIVERS AND SHAFTS

ITEM: gS 86.4420 | 1.5 & 2.0 mm Cruciform - 197 mm



ITEM: 20025A | 2.4 mm for Cruciform Head Screws- 197 mm



## Quick Coupling Removable Shafts

ITEM: 20018A | 1.0 mm Cruciform Shaft use with Handle 20017A - 85 mm



ITEM: gS 86.1504  
1.5 & 2.0 mm Cruciform Shaft Dental / Mini Connect use with Handle gS 86.0035



ITEM: 4.20.08 | Insert Cruciform for 2.4mm Screws, Cruciform, AO QCK Connect - 110 mm



# SURGICAL INSTRUMENTS

## Quick Coupling Handles

**ITEM: 20017A** | Stainless Handle with Mini Quick Coupling

- For 1.0 screws only
- Use w/ shaft 20018A only



**ITEM: 500002** | Composite Handle with Quick Coupling AO



**ITEM: gS 86.0035** | Mini QCK (MQC) Dental Handle with Quick Coupling AO



**Meniscal Probe**

Product Description:

- Anodized aluminum handle with non-slip diamond cut grip
- Ergonomical handle
- Interchangeable shaft (*Only for Standard Breed*)
- Tip is 2 mm and calibrated with 2 mm increments

**Standard Meniscal Probe**

ITEM: 100003

Length: 289 mm | Handle Diameter: 15 mm | Shaft Length: 150 mm

**Small Breed Meniscal Probe**

ITEM: 100001

Length: 152 mm | Handle Diameter: 14 mm | Shaft Length: 71.5 mm



**Mini Senn Retractor**

ITEM: 200090

Product Description:

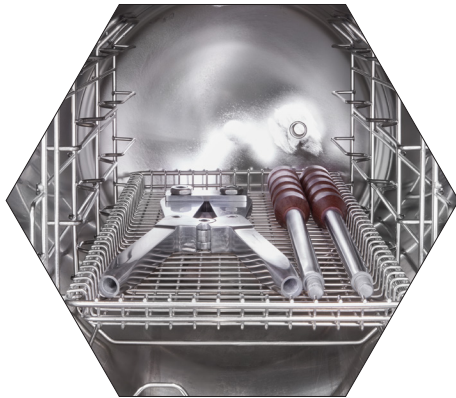
- Design optimized for toy breed patient anatomy
- Retracts without obstructing surgical site access
- Ergonomic grip with finger recesses
- Quality Grade 420 stainless steel
- Less invasive incisions
- Overall Dimensions
  - 3 prongs one end, 5 mm wide overall
  - Flat retractor one end, 4 mm wide
  - Overall Length: 16 cm
  - Weight: 1.4 oz



**Pin Cutter / Implant Cutter**  
ITEM: 30040

Product Features

- Stainless steel
- 6 mm capacity
- For pins up to 1.40 (3/16" or 6.35mm diameter)
- Removable handles for easier storage and cleaning
- 530 mm total length



! SHOWN FOR ILLUSTRATIVE  
PURPOSES TO DEMONSTRATE SIZE



NOT TO SCALE

**Implant / Pin Cutter**  
ITEM: 400010

Product Features

- 4 mm Capacity
- Removable Handles
- Stainless Steel
- 370 mm total length



**Cutter**  
ITEM: 400012

Product Features

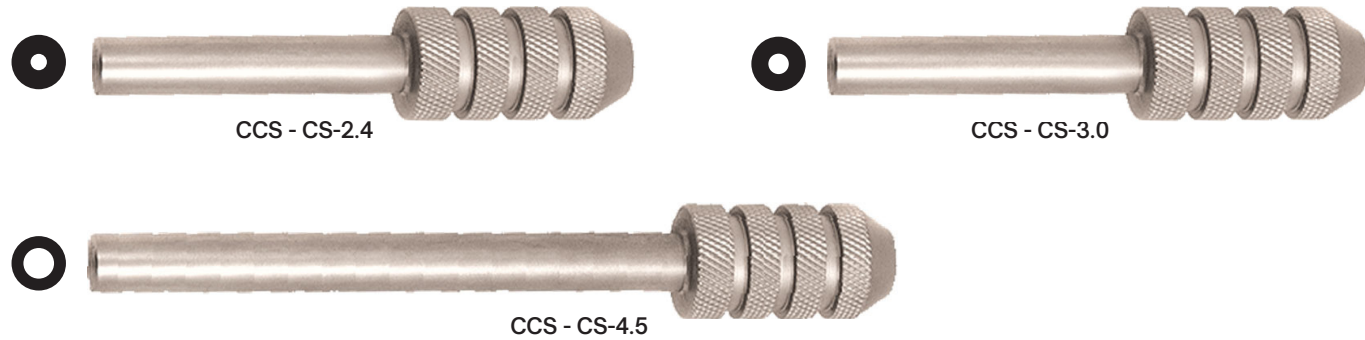
- 2.8 mm Capacity
- Tungsten Carbide Tips (Gold)



## CANNULATED INSTRUMENTATION USED WITH CSS KITS

### Compression Sleeves for Countersink Compression Screws

ITEM: CCS-CS-2.4  
ITEM: CCS-CS-3.0  
ITEM: CCS-CS-4.5



### Compression Sleeve Handles for Countersink Compression Screws

ITEM: CCS-HDL-2.4/3.0  
ITEM: CCS-HDL-4.5



### Cannulated Screwdriver for Countersink Compression Screws

ITEM: 500031 (for CCS 2.4 & 3.0) - 210 mm Long  
ITEM: 500030 (for CCS 4.5) - 263 mm Long



NOT TO SCALE

## TPLO INSTRUMENTATION



Jig Pin - Small 4" Long | ITEM: JIG PIN - SMALL

### Tibial Plateau Leveling Jig - Small ITEM: JIG - SMALL

Product Features

- Recommended for animals less than 30 lbs
- Use with Jig Pin-Small 4"
- Accepts I24222 Small SCAT Pin and 3.32 pins (CODES: 3.32 HP, 3.32 HPT)

### TPLO Jig Set Screws

ITEM: OR-WE-SLSSETSCRW-10



Product Features

- 10 mm long set screw with Hex recess
- For use with TPLO Jig, Slocum Saw, or Slocum Cast Saw Adapter.

ITEM: SS-M5-T15



Product Features

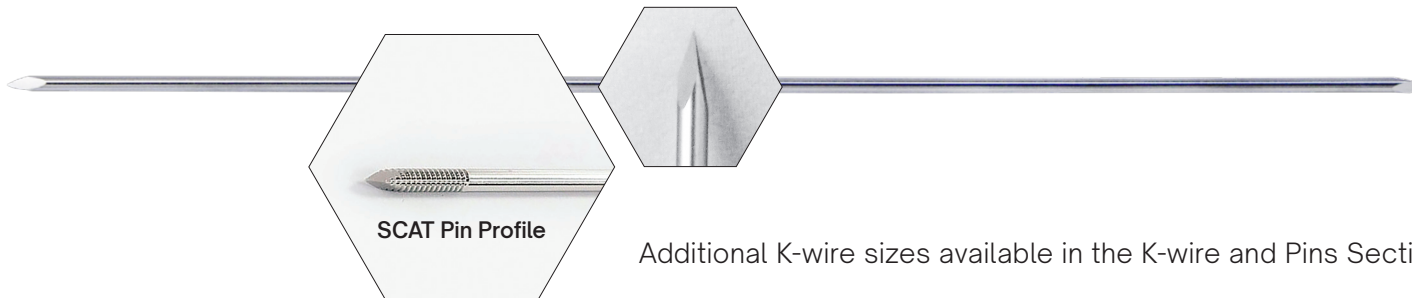
- 5 mm long set screw with T15 Recess
- For use with TPLO Jig, Slocum Saw, or Slocum Cast Saw Adapter.

ITEM: OR-WE-SLSSETSCRW-5



Product Features

- 5 mm long set screw With Hex recess
- For use with TPLO Jig, Slocum Saw, or Slocum Cast Saw Adapter.



1.80 11" Pin  
ITEM: 1.80 11"

Product Features

- 1/8" diameter / 3 mm diameter
- Double Trocar ends

Additional K-wire sizes available in the K-wire and Pins Section or at [movora.com](http://movora.com)



Jig Pin - Standard 6" | ITEM: JIG PIN - STANDARD

### Tibial Plateau Leveling Jig - Standard ITEM: JIG - STANDARD

Product Features

- Recommended for animals more than 30 lbs
- Use with Jig Pin-Standard 6"
- Accepts I25222 Medium SCAT Pin and 1.80 11" Pin (Pictured above)

## CANNULATED INSTRUMENTATION USED WITH CSS KITS

### Countersink

- Product Features
- Stainless steel
  - QCK connect



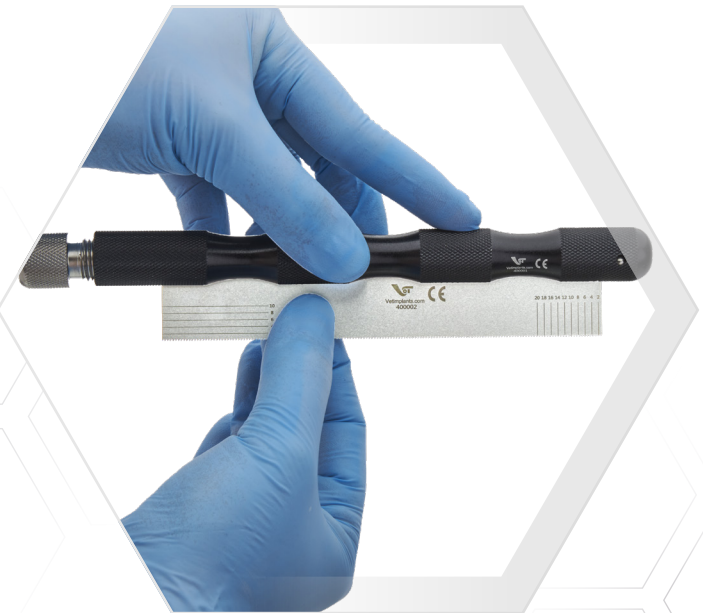
ITEM #	SCREW (mm)
gS 86.1006	2.7 / 3.5 / 4.0
CS 3	1.5 / 2.0

### Luxation Saw ITEM: 400001

- Product Features
- Stainless steel
  - For deepening the trochlear groove during patella luxation repair
  - Depth Gauge



### Luxation Saw Replacement Blade ITEM: 400002



# PLATE BENDING ACCESSORIES

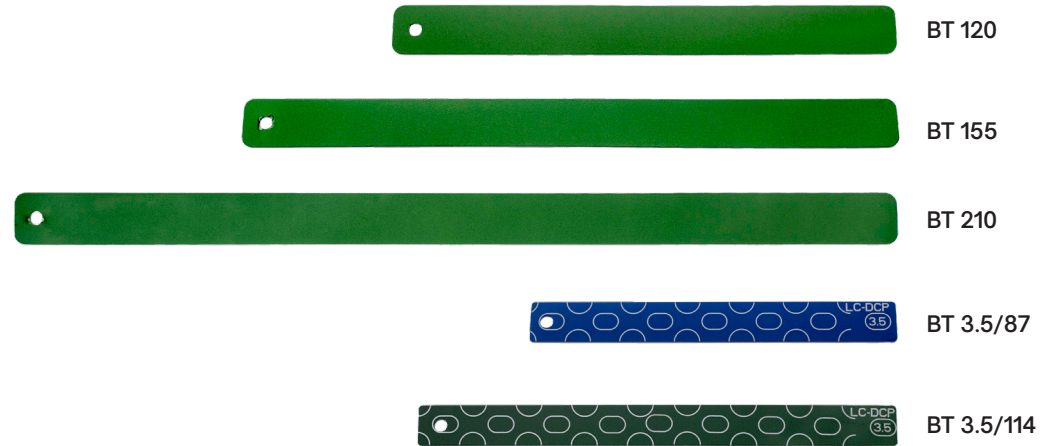
## Bending Templates

### Product Features

- Used to help contour plates to bones
- Straight and easily bend

ITEM #	LENGTH (mm)
BT 120	120
BT 155	155
BT 210	210
BT 3.5/87	87
BT 3.5/114	114

NOT TO SCALE



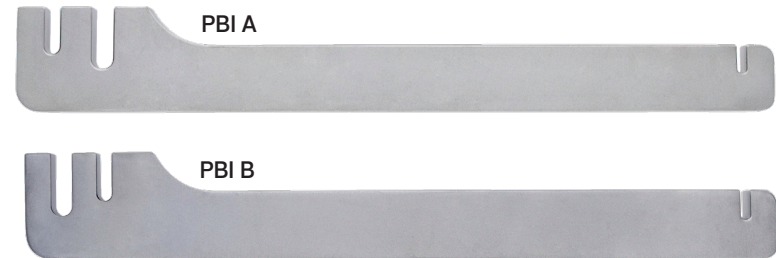
## Plate Benders

ITEM: PBI A  
ITEM: PBI B

### Product Features

- Sold individually, purchase as a pair
- 6.25" (158.75 mm) long
- For bending VOI plates up to 10.0 mm

NOT RECOMMENDED FOR 3.5MM BROAD +



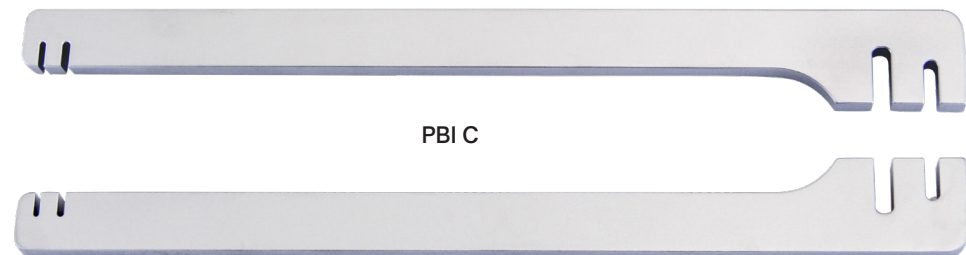
## Plate Benders

ITEM: PBI C

### Product Features

- Sold as a pair, priced individually
- 8.25" (209.55 mm) long
- For bending VOI plates up to 10.0 mm
- Priced individually

NOT RECOMMENDED FOR 3.5MM BROAD +



## PLATE BENDING ACCESSORIES

### Plate Benders

ITEM: LPBI

Product Features

- Sold individually, purchase as a pair
- 9.5" (241.3 mm) long
- Slots are 5 mm wide and 7 mm wide
- Perfect for 3.5 Broad & larger plates
- For manual bending



### Plate Benders

ITEM: 329.15

Product Features

- 8.5" (215.9 mm) long
- Levered handle for easier manipulation
- For use on plates up to 2.7 mm



### Plate Bender Replacement Anvil Attachments

ITEM: 329.25

ITEM: 329.26

Product Features

- For use with Plate Bender (ITEM: 329.24)



329.25



329.26

### Plate Bender Pliers

ITEM: 329.24

Product Features

- 10" (254 mm) long
- Levered handle for easier manipulation
- Comes with 2 Anvils (329.25 & 329.26)



329.24



## PLATE BENDING ACCESSORIES

### Table Presses

ITEM: 329.30

ITEM: 329.30 S

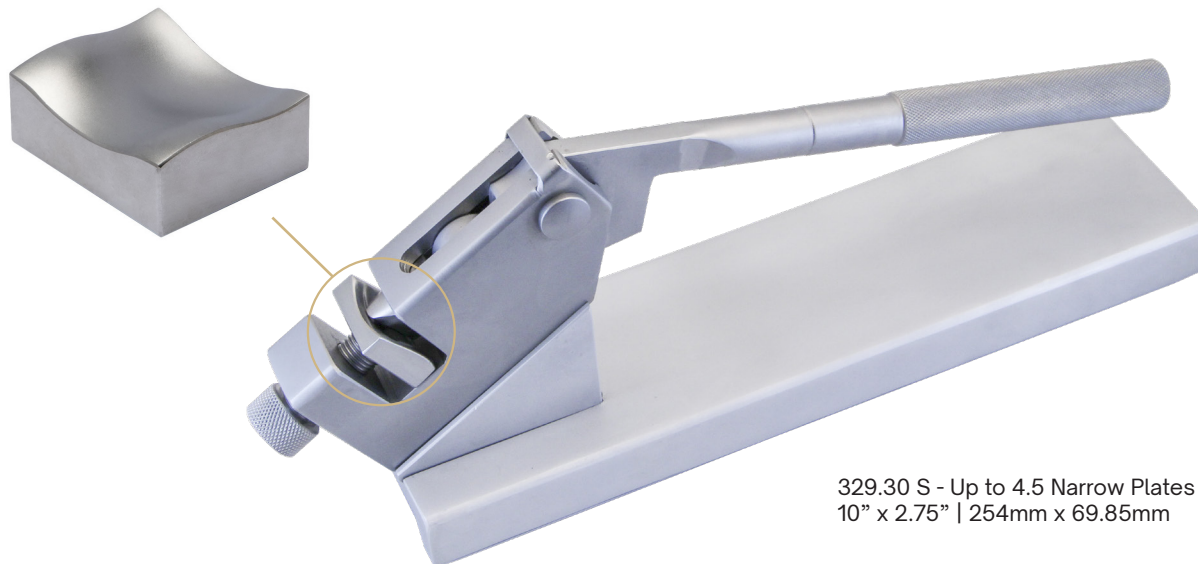
#### Product Features

- For plate bending
- Anvils included
- Levered handle for easier manipulation



329.30 - Up to 4.5 Broad Plates  
15" x 3.125" | 381mm x 79.375mm

⚠ NO REPLACEMENT ANVIL FOR 329.30 S



329.30 S - Up to 4.5 Narrow Plates  
10" x 2.75" | 254mm x 69.85mm

### Table Press Anvil Replacement

ITEM: 329.30 A

#### Product Features

- Stainless Steel
- For plate bending

# The EverGreen Filtered Sterilization Container System

CATALOG



© 2023 Movora

**VetSPECTRUM**  
A Movora Brand

 **Movora**

Unleashing the best veterinary outcomes. **Together.**

# The EverGreen Filtered Sterilization Container System



© 2023 Movora



## The Future is Green

VetSpectrum's EverGreen sterilization container systems provide a reliable and efficient way to protect and organize all of your instrument packs, while limiting environmental waste.

## Cut the Blue Wrap to Go Green

- Our filtered, reusable containers significantly reduce time wrapping packs while cutting down on the use of disposable blue-wrap.
- Containers remove the need to wrap individual packs, saving you time, money and reducing medical waste.
- Disposable filters from the base and lid of the sterilization containers are replaced after each steam sterilization cycle. Or, in the case of reusable filters, cleaned and reused after each sterilization cycle.



### THE IMPACT IS REAL

It's estimated that 12-19% of surgical waste comes from the use of disposable blue wrap.<sup>1,2</sup>



### TIME

Less reprocessing cycles and more consistent cycle times save on prep time, steam processing time, and drying time.<sup>4</sup>



### MONEY

With a sterilization container, you pay for the initial cost upfront as opposed to over-time. Containers reduce the ongoing expenses of using blue wrap including the material and accessories to hold packs together.<sup>4</sup>



### WASTE

Blue wrap is not reusable as the material does not withstand the sterilization process between uses.<sup>1</sup> And streamlined processing times reduce energy consumption.<sup>4</sup>

## Eliminate "Torn-Wrapper" Syndrome<sup>3</sup>

- Holes in blue wrap aren't a problem for sterilization containers that don't utilize blue wrap!
- With other methods, when holes are discovered in the blue wrap, the instrument pack either needs to be turned over again or flashed.
- With VetSpectrum EverGreen containers, there's no need to flash or re-sterilize the sterilization container – which helps to reduce delays in surgery.

#### FOOTNOTES:

1: "Reusable totes, blue wrap recycling and composting". Environmental best practices for health care facilities, November 2002. IHACO environment of care standards 1.3.2.3.4.0

2: Stall NM, Kagoma YM, Bondy JN, Naudie D. Surgical waste audit of 5 total knee arthroplasties. Canadian journal of surgery. Journal canadien de chirurgie. 2015;56(2):97-102. <https://pubmed.ncbi.nlm.nih.gov/23351497/>

3: Burger J. The case for rigid containers: Is it time to make a clean break from blue wrap? Outpatient Surgery Magazine. Outpatient Surgery. Feb 2015. <http://magazine.outpatientsurgery.net/v458701How-will-you-stop-her-pain-february-2015-outpatient-surgery-magazine/677>

4: "Convert to Rigid Reusable Sterilization Containers." Sustainability Roadmap for Hospitals. American Hospital Association. Accessed December 1, 2022. <http://www.sustainabilityroadmap.org/pms/262#:~:YyOyPX6Mly>

# The EverGreen Filtered Sterilization Container System

VetSpectrum's EverGreen sterilization container systems are an investment in quality, providing a reliable and efficient way to protect and organize instrument packs.

© 2023 Movora



## Designed to Support Total Quality

- EverGreen sterilization containers maintain sterility on the shelf for up to 6 months after a proper steam sterilization cycle
- Additional accessories such as security seals help with secure handling of EverGreen sterilization containers before, during and after sterilization
- 8 color choices available to help easily identify specialty packs, furthering efficiency and surgical readiness
- Sterilization container labels also help with easier identification of packs
- Disposable filters from the base and lid of the sterilization containers are replaced after each steam sterilization cycle
- Or reusable filters from the base and lid are cleaned and reused after each steam sterilization cycle providing additional cost savings over the life of the container
- With no external wrapping, the exterior of the container should not be placed in a sterile environment. The internal basket is carefully removed from its container by lifting up and away from the bottom of the container during the operation room set-up

## Protect Your Investment

Sterilization containers protect your instruments and can reduce total inventory storage space.

- The weight of instruments wrapped in blue wrap and stacked on top of each other can create air pockets which can compromise sterility. This is not an issue with rigid sterilization containers.<sup>3</sup>
- Stacking containers after sterilization helps to reduce needed inventory storage space.
- The hard metal case of rigid sterilization containers provides better overall protection for instruments than blue wrap, which can result in savings from repair or replacement costs of damaged instruments.<sup>4</sup>

## Sizes to Fit Standard M9/M11 autoclave or larger/comparable models

- Narrow + Short
- Narrow + Tall
- Wide + Short
- Wide + Tall

## Special Sizes

- ½ Standard
- ¾ Standard

FOOTNOTES: SEE PREVIOUS PAGE

**VetSPECTRUM**  
A Movora Brand

## Narrow Containers

Fits Standard M9/M11 Autoclave or Larger/Comparable Models



### Narrow + Tall

315mm x 140mm x 100mm (L x W x H)



### Narrow + Short

315mm x 140mm x 70mm (L x W x H)

### Narrow Lids

Pick One

ITEM #	COLOR
SAH.K61970	Grey
SAH.K61971	Yellow
SAH.K61972	Green
SAH.K61973	Blue
SAH.K61974	Red
SAH.K61975	Black
SAH.K61976	Purple
SAH.K61977	Bronze



\*All Colors Represented Here Are Approximate

### Narrow Bases

Pick One

ITEM #	STYLE	OVERALL DIMENSIONS
SAH.K61962	Tall	315mm x 140mm x 100mm
SAH.K61961	Short	315mm x 140mm x 70mm

### Narrow Baskets

Pick One

ITEM #	STYLE
SAH.K31073	Wire
SAH.K3758	Perforated

### Narrow Silicone Mat

ITEM #	STYLE
SAH.K2520	Silicone Mat

### Narrow Accessories

Pick As Many Accessories As Wanted

ITEM #	DESCRIPTION
SAH.EV720613	EverGreen Narrow Sterilization Container Paper Filter with Indicator (Pkg of 100)
SAH.K2744	Vet Spectrum EverGreen Narrow Teflon Reusable Filter (2000 sterilization cycles), 215 x 100 mm
SAH.720102	EverGreen Security Seal with Indicator, Red (Pkg of 100)
SAH.721044	EverGreen Security Seal with Indicator, Blue (Pkg of 100)
SAH.721043	Vet Spectrum Sterilization Box Security Seal, Blue 100/Box (No Indicator Strip)
SAH.721042	Vet Spectrum Sterilization Box Security Seal, Red 100/Box (No Indicator Strip)
SAH.K3758	EverGreen Narrow Sterilization Container Basket, Perforated
SAH.K31073	EverGreen Narrow Sterilization Container Basket, Wire
SAH.K2700	Vet Spectrum EverGreen Aluminum Label, Red
SAH.K2701	Vet Spectrum EverGreen Aluminum Label, Blue
SAH.K2702	Vet Spectrum EverGreen Aluminum Label, Green
SAH.K2703	Vet Spectrum EverGreen Aluminum Label, Yellow
SAH.K2704	Vet Spectrum EverGreen Aluminum Label, Grey
SAH.K2705	Vet Spectrum EverGreen Aluminum Label, Black
SAH.K2706	Vet Spectrum EverGreen Aluminum Label, Purple
SAH.K2707	Vet Spectrum EverGreen Aluminum Label, Bronze
SAH.720615	EverGreen Small Paper Label with Indicator for All Sterilization Containers (Pkg of 100)

Aluminum labels are intended to be custom etched to customer specifications. Please contact your Movora team for more information.

**Vet SPECTRUM**

A Movora Brand

# Wide Containers

Fits Standard M9/M11 Autoclave or Larger/Comparable Models



## Wide Lids

Pick One

ITEM #	COLOR
SAH.K61880	Grey
SAH.K61881	Yellow
SAH.K61882	Green
SAH.K61883	Blue
SAH.K61884	Red
SAH.K61885	Black
SAH.K61886	Purple
SAH.K61887	Bronze



## Wide Bases

Pick One

ITEM #	STYLE	OVERALL DIMENSIONS
SAH.K61862	Tall	325mm x 192mm x 135mm
SAH.K61861	Short	325mm x 192mm x 70mm

## Wide Baskets

Pick One

ITEM #	STYLE
SAH.K31070	Wire
SAH.K3756	Perforated

## Wide Silicone Mat

ITEM #	STYLE
SAH.EV-721052	Silicone Mat

## Wide Accessories

Pick As Many Accessories As Wanted

ITEM #	DESCRIPTION
SAH.721000	EverGreen Wide Sterilization Container Paper Filter with Indicator (Pkg of 100)
SAH.K2743	Vet Spectrum EverGreen Wide Teflon Reusable Filter (2000 sterilization cycles), 150 x 233 mm
SAH.720102	EverGreen Security Seal with Indicator, Red (Pkg of 100)
SAH.721044	EverGreen Security Seal with Indicator, Blue (Pkg of 100)
SAH.721043	Vet Spectrum Sterilization Box Security Seal, Blue 100/Box (No Indicator Strip)
SAH.721042	Vet Spectrum Sterilization Box Security Seal, Red 100/Box (No Indicator Strip)
SAH.K31070	EverGreen Wide Sterilization Container Basket, Wire
SAH.K3756	EverGreen Wide Sterilization Container Basket, Perforated
SAH.K2700	Vet Spectrum EverGreen Aluminum Label, Red
SAH.K2701	Vet Spectrum EverGreen Aluminum Label, Blue
SAH.K2702	Vet Spectrum EverGreen Aluminum Label, Green
SAH.K2703	Vet Spectrum EverGreen Aluminum Label, Yellow
SAH.K2704	Vet Spectrum EverGreen Aluminum Label, Grey
SAH.K2705	Vet Spectrum EverGreen Aluminum Label, Black
SAH.K2706	Vet Spectrum EverGreen Aluminum Label, Purple
SAH.K2707	Vet Spectrum EverGreen Aluminum Label, Bronze
SAH.720615	EverGreen Small Paper Label with Indicator for All Sterilization Containers (Pkg of 100)

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**Vet SPECTRUM**  
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### Wide + Tall

325mm x 192mm x 135mm (L x W x H)



### Wide + Short

325mm x 192mm x 70mm (L x W x H)

## 1/2 Standard

Special Container Size



### 1/2 Standard Lids

Pick One

ITEM #	COLOR	
SAH.K63630	Grey	
SAH.K63631	Yellow	
SAH.K63632	Green	
SAH.K63633	Blue	
SAH.K63634	Red	
SAH.K63635	Black	
SAH.K63636	Purple	
SAH.K63637	Bronze	

*\*All Colors Represented Here Are Approximate*

### 1/2 Standard Base

ITEM #	STYLE	OVERALL DIMENSIONS
SAH.K6600	Short	310mm x 280mm x 110mm

### 1/2 Standard Basket

ITEM #	STYLE
SAH.K3754	Perforated

### 1/2 Standard Silicone Mat

ITEM #	STYLE
SAH.K2521	Silicone Mat

### 1/2 Standard Accessories

Pick As Many Accessories As Wanted

ITEM #	DESCRIPTION
SAH.K3754	EverGreen 1/2 Standard Sterilization Container Basket, Perforated
SAH.K2741	EverGreen 1/2 & 3/4 Standard Sterilization Container Paper Filter with Indicator (Pkg of 100)
SAH.K2742	Vet Spectrum EverGreen 1/2 & 3/4 Standard Teflon Reusable Filter (2000 sterilization cycles), 194 mm (Dia.)
SAH.721045	EverGreen Large Paper Label with Indicator for 1/2 & 3/4 Standard Sterilization Containers (Pkg of 100)
SAH.721043	Vet Spectrum Sterilization Box Security Seal, Blue 100/Box (No Indicator Strip)
SAH.721042	Vet Spectrum Sterilization Box Security Seal, Red 100/Box (No Indicator Strip)
SAH.K2700	Vet Spectrum EverGreen Aluminum Label, Red
SAH.K2701	Vet Spectrum EverGreen Aluminum Label, Blue
SAH.K2702	Vet Spectrum EverGreen Aluminum Label, Green
SAH.K2703	Vet Spectrum EverGreen Aluminum Label, Yellow
SAH.K2704	Vet Spectrum EverGreen Aluminum Label, Grey
SAH.K2705	Vet Spectrum EverGreen Aluminum Label, Black
SAH.K2706	Vet Spectrum EverGreen Aluminum Label, Purple
SAH.K2707	Vet Spectrum EverGreen Aluminum Label, Bronze
SAH.720102	EverGreen Security Seal with Indicator, Red (Pkg of 100)
SAH.721044	EverGreen Security Seal with Indicator, Blue (Pkg of 100)

*Aluminum labels are intended to be custom etched to customer specifications. Please contact your Movora team for more information.*

## 1/2 Standard

310mm x 280mm x 110mm (L x W x H)



*Does Not Fit Standard M9/M11 Autoclave. Requires Larger Model*

*Specifications Subject To Change Without Notice*

## Vet SPECTRUM

A Movora Brand

## 3/4 Standard

Special Container Size



### 3/4 Standard

475mm x 285mm x 150mm (L x W x H)

Does Not Fit Standard M9/M11 Autoclave. Requires Larger Model

Specifications Subject To Change Without Notice

### 3/4 Standard Lids

Pick One

ITEM #	COLOR
SAH.K63340	Grey
SAH.K63341	Yellow
SAH.K63342	Green
SAH.K63343	Blue
SAH.K63344	Red
SAH.K63345	Black
SAH.K63346	Purple
SAH.K63347	Bronze



\*All Colors Represented Here Are Approximate

### 3/4 Standard Base

ITEM #	STYLE	OVERALL DIMENSIONS
SAH.K6302	Tall	475mm x 285mm x 150mm

### 3/4 Standard Basket

ITEM #	STYLE
SAH.K3749	Perforated

### 3/4 Standard Silicone Mat

ITEM #	STYLE
SAH.K2524	Silicone Mat

### 3/4 Standard Accessories

Pick As Many Accessories As Wanted

ITEM #	DESCRIPTION
SAH.K3749	EverGreen 3/4 Standard Sterilization Container Basket, Perforated
SAH.K2741	EverGreen 1/2 & 3/4 Standard Sterilization Container Paper Filter with Indicator (Pkg of 100)
SAH.K2742	Vet Spectrum EverGreen 1/2 & 3/4 Standard Teflon Reusable Filter (2000 sterilization cycles), 194 mm (Dia.)
SAH.721045	EverGreen Large Paper Label with Indicator for 1/2 & 3/4 Standard Sterilization Containers (Pkg of 100)
SAH.721043	Vet Spectrum Sterilization Box Security Seal, Blue 100/Box (No Indicator Strip)
SAH.721042	Vet Spectrum Sterilization Box Security Seal, Red 100/Box (No Indicator Strip)
SAH.K2700	Vet Spectrum EverGreen Aluminum Label, Red
SAH.K2701	Vet Spectrum EverGreen Aluminum Label, Blue
SAH.K2702	Vet Spectrum EverGreen Aluminum Label, Green
SAH.K2703	Vet Spectrum EverGreen Aluminum Label, Yellow
SAH.K2704	Vet Spectrum EverGreen Aluminum Label, Grey
SAH.K2705	Vet Spectrum EverGreen Aluminum Label, Black
SAH.K2706	Vet Spectrum EverGreen Aluminum Label, Purple
SAH.K2707	Vet Spectrum EverGreen Aluminum Label, Bronze
SAH.720102	EverGreen Security Seal with Indicator, Red (Pkg of 100)
SAH.721044	EverGreen Security Seal with Indicator, Blue (Pkg of 100)

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**Vet SPECTRUM**

A Movora Brand

## Pre-Made Container Kits

Each Includes Lid, Base, Basket and Silicone Mat

### Narrow + Tall Container Kits

Narrow Lid, Tall Base, Wire Basket, Silicone Mat

ITEM #	DESCRIPTION	
SAH.SC-200	EverGreen Narrow Kit, Tall, Grey	Grey
SAH.SC-201	EverGreen Narrow Kit, Tall, Yellow	Yellow
SAH.SC-202	EverGreen Narrow Kit, Tall, Green	Green
SAH.SC-203	EverGreen Narrow Kit, Tall, Blue	Blue
SAH.SC-204	EverGreen Narrow Kit, Tall, Red	Red
SAH.SC-205	EverGreen Narrow Kit, Tall, Black	Black
SAH.SC-206	EverGreen Narrow Kit, Tall, Purple	Purple
SAH.SC-207	EverGreen Narrow Kit, Tall, Bronze	Bronze

### Narrow + Short Container Kits

Narrow Lid, Short Base, Wire Basket, Silicone Mat

ITEM #	DESCRIPTION	
SAH.SC-100	EverGreen Narrow Kit, Short, Grey	Grey
SAH.SC-101	EverGreen Narrow Kit, Short, Yellow	Yellow
SAH.SC-102	EverGreen Narrow Kit, Short, Green	Green
SAH.SC-103	EverGreen Narrow Kit, Short, Blue	Blue
SAH.SC-104	EverGreen Narrow Kit, Short, Red	Red
SAH.SC-105	EverGreen Narrow Kit, Short, Black	Black
SAH.SC-106	EverGreen Narrow Kit, Short, Purple	Purple
SAH.SC-107	EverGreen Narrow Kit, Short, Bronze	Bronze

### Wide + Tall Container Kits

Wide Lid, Tall Base, Wire Basket, Silicone Mat

ITEM #	DESCRIPTION	
SAH.SC-400	EverGreen Wide Kit, Tall, Grey	Grey
SAH.SC-401	EverGreen Wide Kit, Tall, Yellow	Yellow
SAH.SC-402	EverGreen Wide Kit, Tall, Green	Green
SAH.SC-403	EverGreen Wide Kit, Tall, Blue	Blue
SAH.SC-404	EverGreen Wide Kit, Tall, Red	Red
SAH.SC-405	EverGreen Wide Kit, Tall, Black	Black
SAH.SC-406	EverGreen Wide Kit, Tall, Purple	Purple
SAH.SC-407	EverGreen Wide Kit, Tall, Bronze	Bronze

### Wide + Short Container Kits

Wide Lid, Short Base, Wire Basket, Silicone Mat

ITEM #	DESCRIPTION	
SAH.SC-300	EverGreen Wide Kit, Short, Grey	Grey
SAH.SC-301	EverGreen Wide Kit, Short, Yellow	Yellow
SAH.SC-302	EverGreen Wide Kit, Short, Green	Green
SAH.SC-303	EverGreen Wide Kit, Short, Blue	Blue
SAH.SC-304	EverGreen Wide Kit, Short, Red	Red
SAH.SC-305	EverGreen Wide Kit, Short, Black	Black
SAH.SC-306	EverGreen Wide Kit, Short, Purple	Purple
SAH.SC-307	EverGreen Wide Kit, Short, Bronze	Bronze

### 1/2 Standard Container Kits

1/2 Standard Lid, Short Base, Perforated Basket, Silicone Mat

ITEM #	DESCRIPTION	
SAH.SC-500	EverGreen 1/2 Standard Kit, Short, Grey	Grey
SAH.SC-501	EverGreen 1/2 Standard Kit, Short, Yellow	Yellow
SAH.SC-502	EverGreen 1/2 Standard Kit, Short, Green	Green
SAH.SC-503	EverGreen 1/2 Standard Kit, Short, Blue	Blue
SAH.SC-504	EverGreen 1/2 Standard Kit, Short, Red	Red
SAH.SC-505	EverGreen 1/2 Standard Kit, Short, Black	Black
SAH.SC-506	EverGreen 1/2 Standard Kit, Short, Purple	Purple
SAH.SC-507	EverGreen 1/2 Standard Kit, Short, Bronze	Bronze

### 3/4 Standard Container Kits

3/4 Standard Lid, Tall Base, Perforated Basket, Silicone Mat

ITEM #	DESCRIPTION	
SAH.SC-800	EverGreen 3/4 Standard Kit, Tall, Grey	Grey
SAH.SC-801	EverGreen 3/4 Standard Kit, Tall, Yellow	Yellow
SAH.SC-802	EverGreen 3/4 Standard Kit, Tall, Green	Green
SAH.SC-803	EverGreen 3/4 Standard Kit, Tall, Blue	Blue
SAH.SC-804	EverGreen 3/4 Standard Kit, Tall, Red	Red
SAH.SC-805	EverGreen 3/4 Standard Kit, Tall, Black	Black
SAH.SC-806	EverGreen 3/4 Standard Kit, Tall, Purple	Purple
SAH.SC-807	EverGreen 3/4 Standard Kit, Tall, Bronze	Bronze

\*All Colors Represented Here Are Approximate  
Specifications Subject To Change Without Notice



# Joint Management

Extracapsular Solutions



## Extracapsular Solutions

# Cranial Cruciate Ligament Disease

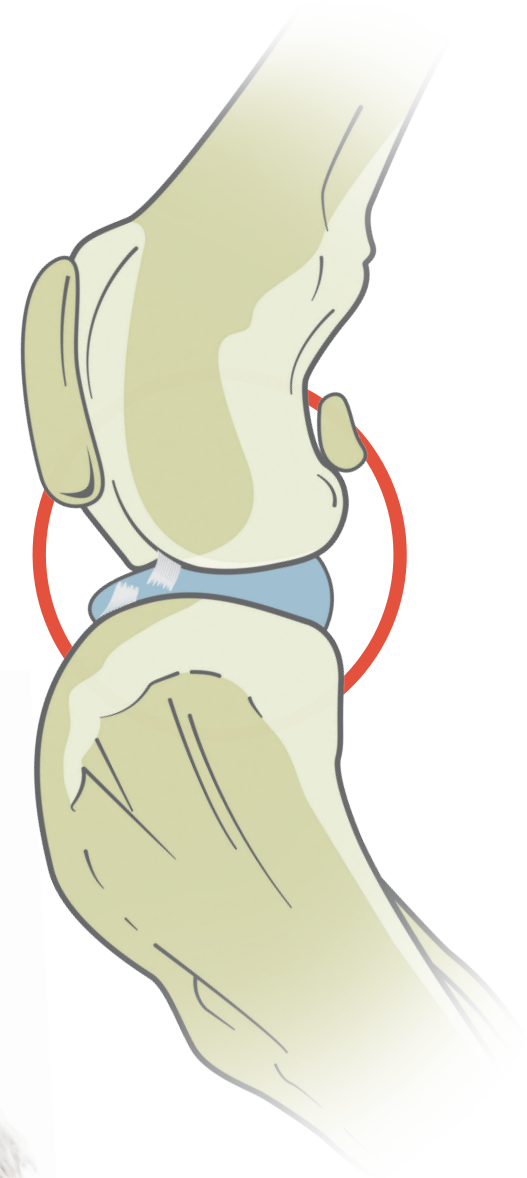
### Problem:

Cranial Cruciate Ligament (CCL) disease is one of the most common orthopedic conditions in dogs, impacting their ability to walk or run and affecting normal daily activities and well-being as well as long-term mobility.

### Solution:

Movora offers a wide range of extracapsular solutions that rely on proven techniques to regain natural movement and stability of the stifle joint.

Visit us at [movora.com/resources](https://movora.com/resources) for a technical brochure, product IFUs and other product info.



## Extracapsular Solutions

# Extracapsular Solutions with Movora

At Movora, we have a vision to improve the quality of life and enhance mobility for companion animals. We're committed to making life-enhancing care accessible through a broad portfolio of surgical options and education for continuous improvement in surgical technique.

### *Extracapsular Lateral Suture Stabilization*

An established, tried and true intervention to replicate the function of damaged ligaments.

### *OrthoZip*

A novel lateral stabilization system for CCL repair which requires no bone tunnels.

- Knotless/crimpleless self-locking suture
- High strength with uniform tension
- Less invasive procedure
- SilverPlus® Antimicrobial coating

### *OrthoSta*

A versatile repair system designed around stabilizing cranial and ligament injuries crucial for sports medicine.

- High strength Woven UHMWPE fiber tape
- Titanium interference screw fixation
- Features Healix™ antimicrobial technology
- Versatile for multiple joint injuries



## Extracapsular Solutions

# Lateral Suture Stabilization

Extracapsular Lateral Suture Stabilization (ELSS) is a proven surgical technique used to correct stifle instability due to cranial cruciate ligament disease.

Movora offers a reliable and repeatable lateral suture line to assist veterinarians in reestablishing the support needed to regain mobility for our companion animals.

## Product Benefits

- Multiple solutions available
- Innovative Instrumentation to aid in procedures
- Incremental, verifiable tension control
- Certified high strength medical monofilament



## Extracapsular Solutions

Featuring EVEROST products for all your lateral suture needs

### Bone Anchors

SAH.EV002399	2.7mm Bone Anchor SS
SAH.EV002400	3.5mm Bone Anchor SS
SAH.EV002401	4.5mm Bone Anchor SS
SAH.EV004758	2.7mm Bone Anchor Ti
SAH.EV004759	3.5mm Bone Anchor Ti
SAH.EV004760	4.5mm Bone Anchor Ti
AN 270 SO	2.7mm Bone Anchor Snap Off SS
AN 350 SO	3.5mm Bone Anchor Snap Off SS
AN 400 SO	4.0mm Bone Anchor Snap Off SS
AN 450 SO	4.5mm Bone Anchor Snap Off SS

### Crimp Clamps

SAH.EV002450	Crimp Clamp, 40lb (Pkg of 15)
SAH.EV002451	Crimp Clamp, 80lb (Pkg of 15)
SAH.EV002452	Crimp Clamp, 100lb (Pkg of 15)
SAH.EV005585	Crimp Clamp, 40lb, TiN Coated (Pkg of 15)
SAH.EV005586	Crimp Clamp, 80lb, TiN Coated (Pkg of 15)
SAH.EV005588	Crimp Clamp, 100lb, TiN Coated (Pkg of 15)

### Instruments & Accessories

* SAH.EV005367	Everost Universal Crimping Device
* SAH.EV002378	Everost Tensioning Device
SB-AS	Suture Button, Titanium, 2 Hole, 10mm
SB-PS	Suture Button, Titanium, 4 Hole, 12mm
SAH.40-4810	Cruciate Needle Holder, 7.75in, TC
SAH.723004	Cruciate Needle Holder, 7.5in, TC

### Monofilament Nylon Suture & Needles

SAH.EV002432	Monofilament Nylon 20lb, 100 Yd Spool
SAH.EV002433	Monofilament Nylon 40lb, 100 Yd Spool
SAH.EV002434	Monofilament Nylon 50lb, 100 Yd Spool
SAH.EV003307	Monofilament Nylon 60lb, 100 Yd Spool
SAH.EV002238	Monofilament Nylon 80lb, 100 Yd Spool
SAH.EV002340	Monofilament Nylon 100lb, 100 Yd Spool
SAH.EV002403	Cruciate Repair Needles, Large, Taper Point (6/pk)
SAH.EV002404	Cruciate Repair Needles, Medium, Taper Point (6/pk)
SAH.EV002405	Cruciate Repair Needles, Small, Taper Point (6/pk)
SAH.EV002406	Cruciate Repair Needles, Mini, Taper Point (6/pk)
SAH.EV002407	Cruciate Repair Needles, Variety Pack (6/pk) 2 lg, 2med, 2sm

### Double Strand Suture w Needle

SAH.EV002414	Cruciate Needle, Large, w/2 80lb Monofilament Attached (6/pk)
SAH.EV002415	Cruciate Needle, Medium, w/2 80lb Monofilament Attached (6/pk)
SAH.EV002416	Cruciate Needle, Small, w/2 80lb Monofilament Attached (6/pk)
SAH.EV002417	Cruciate Needle, Medium, w/2 40lb Monofilament Attached (6/pk)
SAH.EV002418	Cruciate Needle, Small, w/2 40lb Monofilament Attached (6/pk)
SAH.EV002419	Double Swaged, One Medium Cruciate, One Straight, w/2 40lb (6/pk)
SAH.EV002421	Double Swaged, One Medium Cruciate, One Straight, w/2 80lb (6/pk)
SAH.EV002423	Double Swaged, One Small Cruciate and One Straight, w/2 40lb (6/pk)
SAH.EV002425	Double Swaged, One Small Cruciate and One Straight, w/2 80lb (6/pk)
SAH.EV002427	Double Swaged, One Large Cruciate and One Straight, w/2 80lb (6/pk)

### Single Strand Suture w Needle

SAH.EV001606	Cruciate Needle, Mini, w/1 40lb Monofilament Attached (6/pk)
SAH.EV001745	Cruciate Needle, Medium, w/1 100lb Monofilament Attached (6/pk)
SAH.EV002408	Cruciate Needle, Large, w/1 80lb Monofilament Attached (6/pk)
SAH.EV002409	Cruciate Needle, Medium, w/1 80lb Monofilament Attached (6/pk)
SAH.EV002410	Cruciate Needle, Small, w/1 80lb Monofilament Attached (6/pk)
SAH.EV002411	Cruciate Needle, Medium, w/1 40lb Monofilament Attached (6/pk)
SAH.EV002412	Cruciate Needle, Small, w/1 40lb Monofilament Attached (6/pk)
SAH.EV002413	Cruciate Needle, Half Rd, w/1 80lb Monofilament Attached (6/pk)
SAH.EV002420	Single Swaged, One Medium Cruciate, One Straight, w/1 40lb (6/pk)
SAH.EV002422	Single Swaged, One Medium Cruciate, One Straight, w/1 80lb (6/pk)
SAH.EV002424	Single Swaged, One Small Cruciate and One Straight, w/1 40lb (6/pk)
SAH.EV002426	Single Swaged, One Small Cruciate and One Straight, w/1 80lb (6/pk)
SAH.EV002428	Single Swaged, One Large Cruciate and One Straight, w/1 80lb (6/pk)



\* SAH.EV005367

\* SAH.EV002378

## Extracapsular Solutions

# OrthoZip

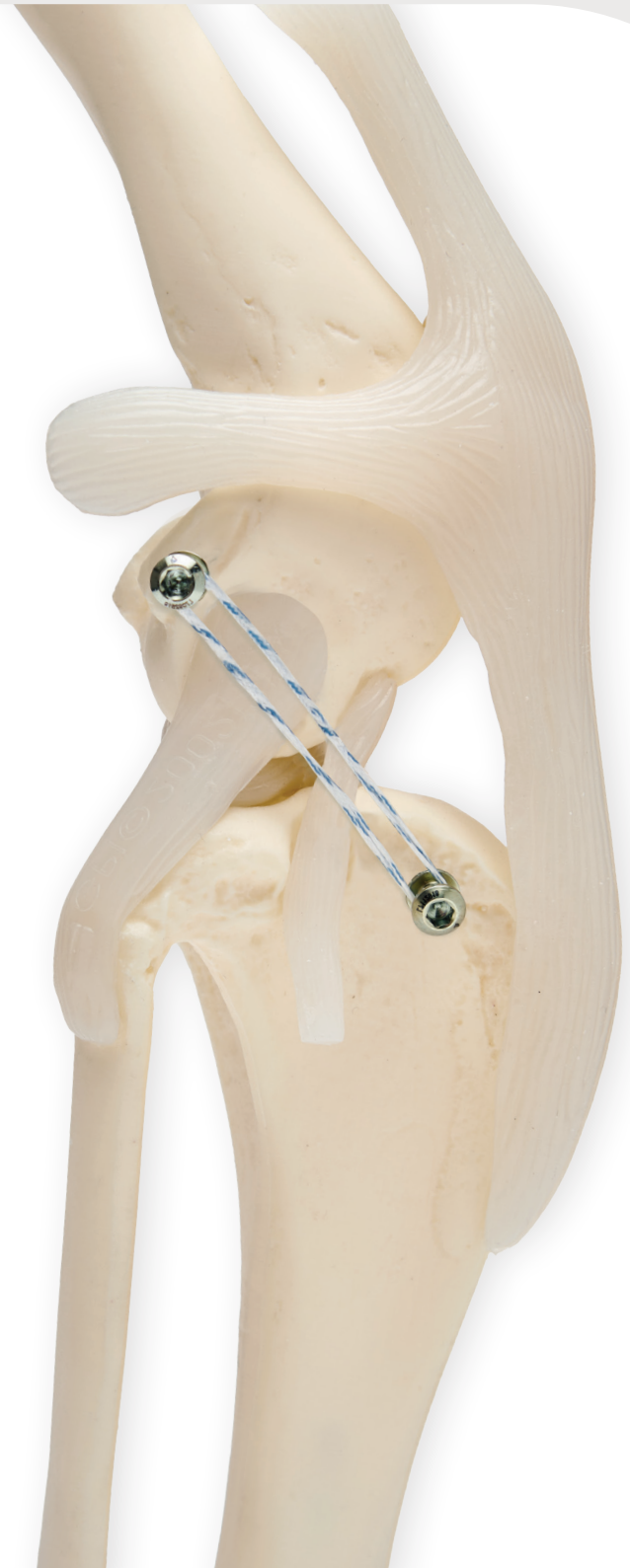
### OrthoZip, featuring SilverPlus antimicrobial

A novel option for repair of the CCL using a minimally invasive lateral approach to the stifle, combining an antimicrobial coated ultra-high molecular weight polyethylene self-locking suture and titanium alloy bone anchors. Two bone anchors are implanted on isometric locations on the lateral tibia and femur and connected by a self-retaining polyethylene suture.

This procedure offers added benefits over traditional lateral suture with an antimicrobial coating, stronger overall stabilization of the stifle, and a material that will not creep or stretch compared to monofilament nylon.

## Product Benefits

- Isometric, Adjustable & Strong
- Self-locking knotless/crimpless system
- Simple with minimal instrumentation and inventory
- Offered in two sizes for small and large breeds
- Infection prevention featuring SilverPlus® antimicrobial
- Ultra-high strength with UHMWPE polyethylene



## Extracapsular Solutions

### OrthoZip - Lateral stabilization system

#### PATIENT WEIGHT RECOMMENDATION < 40 lbs (18 Kg) — 3.0 mm Bone Anchor AND #2 Self-Locking Suture

SAH.EV005636	OrthoZip Plus Size 2 Fiber, Self-Locking Suture
SAH.EV005753	3.0mm x 16mm (10mm Thread) Cancellous OrthoZip Anchor
SAH.EV005754	3.0mm x 18mm (12mm Thread) Cancellous OrthoZip Anchor
SAH.EV005755	3.0mm x 20mm (14mm Thread) Cancellous OrthoZip Anchor
SAH.EV005756	3.0mm x 22mm (16mm Thread) Cancellous OrthoZip Anchor
SAH.EV005757	3.0mm x 24mm (18mm Thread) Cancellous OrthoZip Anchor
SAH.EV005758	3.0mm x 26mm (20mm Thread) Cancellous OrthoZip Anchor
SAH.EV005759	3.0mm x 28mm (22mm Thread) Cancellous OrthoZip Anchor
SAH.EV005760	3.0mm x 30mm (24mm Thread) Cancellous OrthoZip Anchor
SAH.EV005761	3.0mm x 32mm (26mm Thread) Cancellous OrthoZip Anchor
SAH.EV005762	3.0mm x 34mm (28mm Thread) Cancellous OrthoZip Anchor
SAH.EV005763	3.0mm x 36mm (30mm Thread) Cancellous OrthoZip Anchor
SAH.EV005764	3.0mm x 38mm (32mm Thread) Cancellous OrthoZip Anchor
SAH.EV005765	3.0mm x 40mm (34mm Thread) Cancellous OrthoZip Anchor

#### PATIENT WEIGHT RECOMMENDATION 40 -70 Lbs (18 - 32 Kg) — 4.0 mm Bone Anchor #5 Self-Locking Suture

* SAH.EV005638	OrthoZip Plus Size 5 Fiber, Self-Locking Suture
SAH.EV005731	4.0mm x 18mm (13mm Thread) Cancellous OrthoZip Anchor
SAH.EV005732	4.0mm x 20mm (15mm Thread) Cancellous OrthoZip Anchor
SAH.EV005735	4.0mm x 22mm (17mm Thread) Cancellous OrthoZip Anchor
SAH.EV005736	4.0mm x 24mm (19mm Thread) Cancellous OrthoZip Anchor
SAH.EV005737	4.0mm x 26mm (21mm Thread) Cancellous OrthoZip Anchor
SAH.EV005738	4.0mm x 28mm (23mm Thread) Cancellous OrthoZip Anchor
SAH.EV005739	4.0mm x 30mm (25mm Thread) Cancellous OrthoZip Anchor
SAH.EV005740	4.0mm x 32mm (27mm Thread) Cancellous OrthoZip Anchor
SAH.EV005741	4.0mm x 34mm (29mm Thread) Cancellous OrthoZip Anchor
SAH.EV005742	4.0mm x 36mm (31mm Thread) Cancellous OrthoZip Anchor
SAH.EV005743	4.0mm x 38mm (33mm Thread) Cancellous OrthoZip Anchor
SAH.EV005744	4.0mm x 40mm (35mm Thread) Cancellous OrthoZip Anchor
SAH.EV005745	4.0mm x 42mm (37mm Thread) Cancellous OrthoZip Anchor
SAH.EV005746	4.0mm x 44mm (39mm Thread) Cancellous OrthoZip Anchor

#### Accessories

SAH.EV003149	Screwdriver, Teflon handle, 2.5mm Hex
2.0 QCK 100	2.0mm Quick Coupling Drill Bit - 100mm
319.01	Depth Gauge for 2.4 - 4.0mm Screws, 5-60mm - 1.8mm Tip

Product may be used on patients greater than 70lbs (32kgs), but please use caution as any extracapsular repair on high mass patients comes with certain risks of failure.



\* SAH.EV005638

## Extracapsular Solutions

# OrthoSta

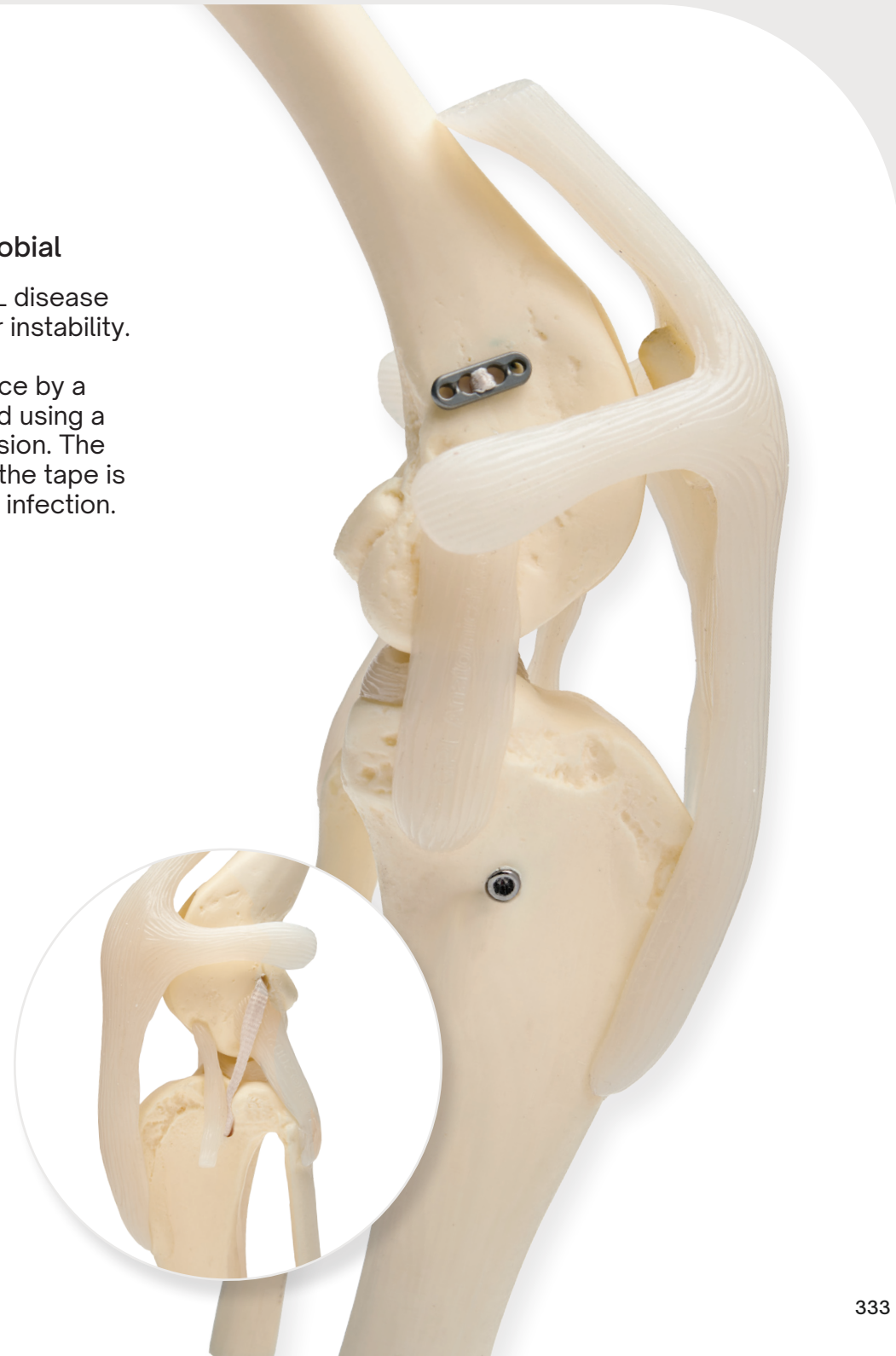
OrthoSta, woven UHMWPE tape featuring Healix™ antimicrobial

The OrthoSta system is ideal for repair of the canine stifle for CCL disease and versatile for many ligament injuries, hip luxation, and shoulder instability.

The flat woven tape is tunneled through the femur and held in place by a titanium button, then passed through the tibia, where it is attached using a titanium alloy interference screw to secure it with the desired tension. The knotless and crimpless system reduces soft tissue irritation, and the tape is coated in Healix™ silver ion antimicrobial to reduce the chance of infection.

## Product Benefits

- Woven UHMWPE fibers allow for higher tensile strength
- Two versatile sizes for small and large breed patients
- Simple knotless and crimpless system uses a titanium interference screw for connection to the tibia
- Features Healix™ antimicrobial technology for infection prevention



## Extracapsular Solutions

### OrthoSta - knotless/crimpleless lateral stabilization system

#### PATIENT WEIGHT RECOMMENDATION < 40 Lbs (18 Kg) — OrthoSta System

OSFTL 2036		<i>OrthoSta UHMWPE Woven Tape 2mm, Blunt Needle, 36cm, TI SB-AS, Healix Antimicrobial</i>
OSIS 200.08		OrthoSta Interference Screw, for 2mm Tape, 8mm, T6 Star Recess, TI-6AL-4V
OSTAP 2.0		OrthoSta Tap, for 2mm Tape, Stainless Steel
500032		Screwdriver Blade, Star Driver QCK Shaft, T6
2.5 QCK 110		2.5mm Quick Coupling Drill Bit, Tin Coated, 110mm - Material 440A

#### PATIENT WEIGHT RECOMMENDATION > 40 Lbs (18 Kg) — OrthoSta System

OSFTL 4060		<i>OrthoSta UHMWPE Woven Tape 4mm, Blunt Needle, 60cm, TI SB-PS, Healix Antimicrobial</i>
OSIS 400.13		OrthoSta Interference Screw, for 4mm Tape, 13mm, T8 Star Recess, TI-6AL-4V
OSTAP 4.0		OrthoSta Tap, for 4mm Tape, Stainless Steel
500036		Screwdriver Blade, Star Driver QCK Shaft, T8
3.5 QCK 110		3.5mm Quick Coupling Drill Bit, 110mm - Material 440A



# Extracapsular Solutions

## Instrument Cases and Screw Racks

3.5 SRA	VOI 3.5mm Multi Screw Rack, Anodized Aluminum
4.0 SRA	VOI 4.0mm Multi Screw Rack, Anodized Aluminum
SAH.EV253113	Everost Sterilization Container Blue, 12.5" x 5"
SAH.EV253114	Everost Sterilization Container Red, 12.5" x 5"

## Bone Anchors

AN 270.10T	2.7mm Bone Anchor, Self-tap-Stainless-10mm
AN 270.12T	2.7mm Bone Anchor, Self-tap-Stainless-12mm
AN 270.14T	2.7mm Bone Anchor, Self-tap-Stainless-14mm
AN 270.16T	2.7mm Bone Anchor, Self-tap-Stainless-16mm
AN 350.10T	3.5mm Bone Anchor, Self-tap-Stainless-10mm
AN 350.12T	3.5mm Bone Anchor, Self-tap-Stainless-12mm
AN 350.14T	3.5mm Bone Anchor, Self-tap-Stainless-14mm
AN 350.16T	3.5mm Bone Anchor, Self-tap-Stainless-16mm
AN 350.18T	3.5mm Bone Anchor, Self-tap-Stainless-18mm
AN 350.20T	3.5mm Bone Anchor, Self-tap-Stainless-20mm
AN 350.22T	3.5mm Bone Anchor, Self-tap-Stainless-22mm
AN 350.24T	3.5mm Bone Anchor, Self-tap-Stainless-24mm
AN 350.26T	3.5mm Bone Anchor, Self-tap-Stainless-26mm
* AN 350.28T	3.5mm Bone Anchor, Self-tap-Stainless-28mm
AN 350.30T	3.5mm Bone Anchor, Self-tap-Stainless-30mm
AN 400.10T	4.0mm Bone Anchor, Self-tap-Stainless-10mm
AN 400.12.5T	4.0mm Bone Anchor, Self-tap-Stainless-12.4mm
AN 400.12T	4.0mm Bone Anchor, Self-tap-Stainless-12mm
AN 400.14T	4.0mm Bone Anchor, Self-tap-Stainless-14mm
AN 400.16T	4.0mm Bone Anchor, Self-tap-Stainless-16mm
AN 400.18T	4.0mm Bone Anchor, Self-tap-Stainless-18mm
AN 400.20T	4.0mm Bone Anchor, Self-tap-Stainless-20mm
AN 400.22T	4.0mm Bone Anchor, Self-tap-Stainless-22mm
AN 400.24T	4.0mm Bone Anchor, Self-tap-Stainless-24mm
AN 400.26T	4.0mm Bone Anchor, Self-tap-Stainless-26mm
AN 400.28T	4.0mm Bone Anchor, Self-tap-Stainless-28mm
AN 400.30T	4.0mm Bone Anchor, Self-tap-Stainless-30mm
AN 400.32T	4.0mm Bone Anchor, Self-tap-Stainless-32mm
AN 400.34T	4.0mm Bone Anchor, Self-tap-Stainless-34mm
AN 400.36T	4.0mm Bone Anchor, Self-tap-Stainless-36mm
AN 400.38T	4.0mm Bone Anchor, Self-tap-Stainless-38mm
AN 400.40T	4.0mm Bone Anchor, Self-tap-Stainless-40mm
AN 400.8.5T	4.0mm Bone Anchor, Self-tap-Stainless-8.5mm
AN 470.12.5T	4.7mm Bone Anchor, Self-tap-Stainless-12.4mm
AN 470.8.5T	4.7mm Bone Anchor, Self-tap-Stainless-8.5mm

\* AN 350.26T



## Toggles and Suture Buttons

55027	Imex Toggle Pin 2.7mm x 10mm
55032	Imex Toggle Pin 3.2mm x 14mm
55040	Imex Toggle Pin 4.0mm x 18mm
55100S	Imex Polypropylene Suture Button
55200	Imex Titanium Suture Button
I55027	Imex 2.7mm Toggle Pin, 10mm Long, 1.1mm Hole
I55032	Imex 3.2mm Toggle Pin, 14mm Long, 1.1mm Hole
I55040	Imex 4.0mm Toggle Pin, 18mm Long, 1.9mm Hole
SAH.EV001833	Everost Toggle Rod, Ti, 2.7mm
SAH.EV001834	Everost Toggle Rod, Ti, 2.0mm
SAH.EV002748	Everost Toggle Rod Insertion Device
SAH.EV002750	Everost O Ring For Toggle Rod Insertion Device (Pkg of 6)
SAH.EV002751	Everost Toggle Rod, Ti, 3.2mm
SAH.EV003134	Everost Ccr Suture Button, 2.5mm x 6mm
SAH.EV003563	Everost Toggle Rod, Ti, 6mm
SAH.EV003565	Everost Toggle Rod, Ti, 4mm
SAH.EV003566	Everost Toggle Rod, SS, 3.2mm x 12mm
SAH.EV003567	Everost Toggle Rod, SS, 3.2mm x 14mm
SAH.EV003568	Everost Toggle Rod, SS, 4.0mm x 18mm



## Drill Bits

2.0 QCK 100	2.0mm Quick Coupling Drill Bit - 100mm
2.0 QCK 100 DLC	2.0mm Quick Coupling Drill Bit, DLC Coated - 100mm
2.0 QCK 100 SC	2.0mm Quick Coupling Drill Bit, Self-Centering - 100mm
2.0 QCK 100 SCDLC	2.0mm Quick Coupling Drill Bit, Self-Centering, DLC Coated - 100mm
2.0 QCK 125	2.0mm Quick Coupling Drill Bit - 125mm
2.5 QCK 110	2.5mm Quick Coupling Drill Bit, Tin Coated - 110mm
2.5 QCK 110 DLC	2.5mm Quick Coupling Drill Bit, DLC Coated - 110mm
2.5 QCK 110 SC	2.5mm Quick Coupling Drill Bit, Self-Centering, Tin Coated - 110mm
2.5 QCK 110 SCDLC	2.5mm Quick Coupling Drill Bit, Self-Centering, DLC Coated - 110mm
2.5 QCK 180	2.5mm Quick Coupling Drill Bit, Tin Coated - 180mm
2.5 QCK 180 B	2.5mm QCK Drill Bit 180mm
2.5 QCK 180 DLC	2.5mm Quick Coupling Drill Bit, DLC Coated - 180mm
3.2 QCK 145	3.2mm Quick Coupling Drill Bit - 145mm
3.2 QCK 195	3.2mm Quick Coupling Drill Bit - 195mm
4.5 QCK 145	4.5mm Quick Coupling Drill Bit - 145mm
4.5 QCK 195	4.5mm Quick Coupling Drill Bit - 195mm
CAN 2.0 150 QCK	2.0mm Cannulated Quick Coupling Drill Bit - .045 K-wire
CAN 2.0 150 QCK DLC	2.0mm Cannulated Quick Coupling Drill Bit, DLC Coated - .045 K-wire
CAN 2.5 160 QCK	2.5mm Cannulated Quick Coupling Drill Bit - .045 Wire
CAN 3.2 170 QCK	3.2mm Cannulated Quick Coupling Drill Bit - .062 Pin
CAN 3.2 225 QCK	3.2mm Cannulated Quick Coupling Drill Bit - .062 Pin/1.16 Wires
CAN 3.2 225 QCK DLC	3.2mm Cannulated Quick Coupling Drill Bit, DLC Coated - .062 Pin/1.16 Wires
CAN 4.5 225 QCK	4.5mm Cannulated Quick Coupling Drill Bit - .062 Pin/1.16 Wire
SAH.EVDBJC20	2.0mm Drill Bit, JC, 85mm Long, Anti-Skid TiN Coated

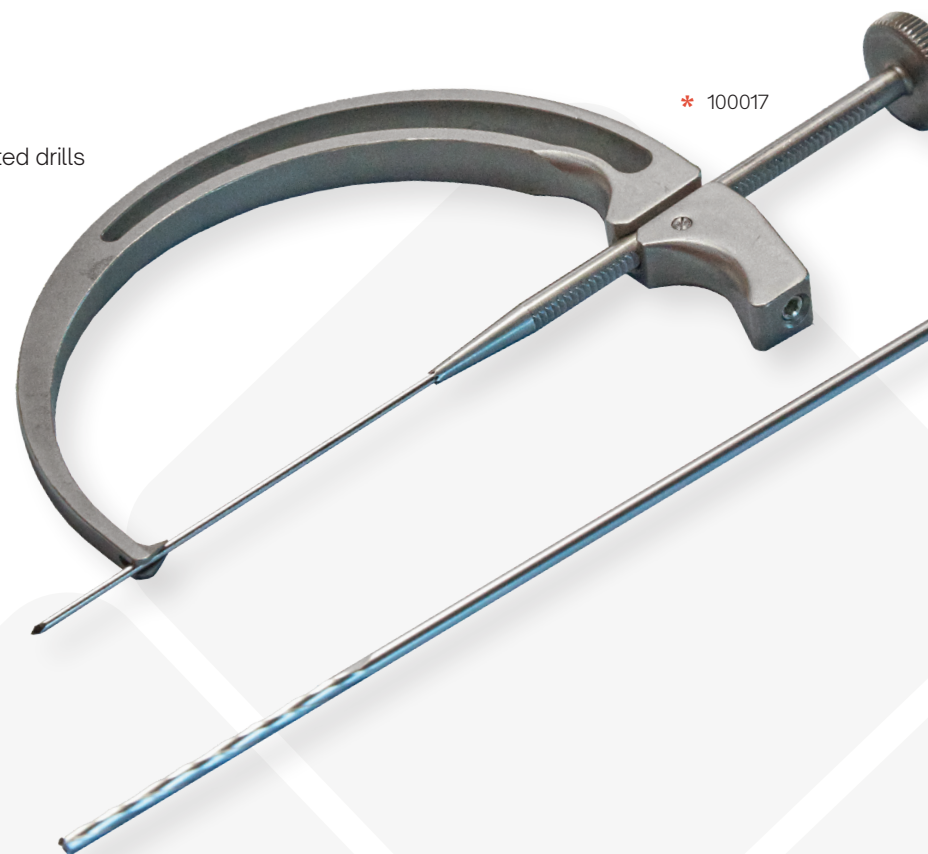
## Extracapsular Solutions

### Isometric Aiming Devices

* 100017	VetSpectrum Universal Aiming Guide C Frame, for use with K-wire and Cannulated drills
50000	Imex Universal Aiming Device, for use with Interchangeable drill guides
50016	Imex Universal Aiming Device Drill Guide 1.6mm
50020	Imex Universal Aiming Device Drill Guide 2.0mm
50023	Imex Universal Aiming Device Drill Guide 2.3mm
50025	Imex Universal Aiming Device Drill Guide 2.5mm
50027	Imex Universal Aiming Device Drill Guide 2.7mm
50031	Imex Universal Aiming Device Drill Guide 3.1mm
50035	Imex Universal Aiming Device Drill Guide 3.5mm
50039	Imex Universal Aiming Device Drill Guide 3.9mm
50045	Imex Universal Aiming Device Drill Guide 4.5mm
SAH.EV002747	Everost Universal Aiming Guide, with 3.2mm drill sleeve
SAH.EV005680	Everost Isometric Assessment Tool

### Instrument and Accessories

319.01	Depth Gauge for 2.4-4.0mm Screws, 5-60mm - 1.8mm Tip
500035	Screwdriver Blade, Star T6, QCK Shaft, 2.5mm Interference Screw
500036	Screwdriver Blade, Star T8, QCK Shaft, 3-4mm Interference Screw
500037	Screwdriver Blade, Star T15, QCK Shaft, 5.5mm Interference Screw
500002	Screwdriver Handle, Composite, Quick Coupling
0.062	1.57mm (0.062") K-Wire, 8" Long, Double Trocar
0.045	1.14mm (0.045") K-Wire, 7" Long, Double Trocar
00045	K-Wire, 0.045 x 6", pkg of 6
00062	K-Wire, 0.062 x 6", pkg of 6
29400	Ventura Stifle Thrust Lever Mini
29500	Ventura Stifle Thrust Lever Standard
55000	Suture Passer
DDS 2.0/2.7	Double Sided Drill Sleeve Guide, 2.0/2.7mm
DDS 2.5/3.5	Double Sided Drill Sleeve Guide, 2.5/3.5mm
GS 86.2505	Double Sided Drill Sleeve Guide, 3.2/4.5mm
SAH.EV002730	Vet Spectrum Dual Hand Chuck Handle
SAH.EV002731	Vet Spectrum Dual Hand Chuck Sterile Drill Adaptor
SAH.EV002732	Vet Spectrum Dual Hand Chuck & Mini Dual Hand Chuck Tightening Bar
SAH.EV002733	Vet Spectrum Dual Hand Chuck Extension Tube
SAH.EV002734	Vet Spectrum Dual Hand Chuck Jacobs Chuck Key
SAH.EV002749	Monofilament Nylon Puller
SAH.EV003149	Screwdriver, Teflon Handle, 2.5mm Hex
SAH.EV004940	2.5 Hex Screwdriver, Small
TH QCK	T Handle, Quick Coupling, for Tap
RT 26	Handle w/QCK Coupling



\* 100017



### Infection Control and Healing

#### Featured Products

SAH.10002	Everost EverVisc HA, Joint Lubrication, 2ml
SAH.EV004988	Simini Protect Lavage, 20ml Vial, pack of 8