# **OrthoLine™ Small Animal Fracture Straight Plate** Surgical Technique Arthrex O

# OrthoLine™ Small Animal Fracture Straight Plate

### Introduction

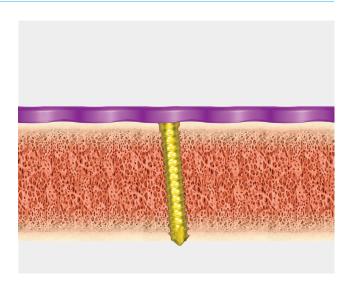
A considerable upgrade from a standard straight and T-plate plate design, the 70-plate OrthoLine plating system enables fracture repair for a variety of canine and feline patients. Unique hole-to-hole spacing along with an oblong compression hole and oblong slide hole allow the most optimal plate location for the fracture.

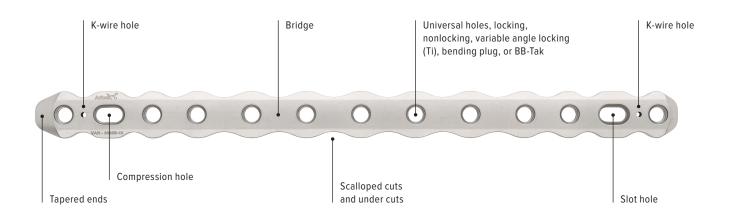
Development, research, and surgeon feedback converge to create an innovative plating system in a comprehensive range of sizes and lengths designed specifically for veterinary patients of all weight ranges. The OrthoLine plating system affords surgeons options ranging from 1.6 mm to broad 3.5 mm/4.0 mm plates to perform fracture repairs on a variety of small animal patients.

# Product Highlight

Experience the versatility and design surgeons have asked for with the OrthoLine straight plates. Features of the plate design include proximal and distal high screw density, central low screw density with a strong bridging design, slide and compression holes, and tapered ends for minimally invasive implantation. Locking screw holes accommodate variable angle locking (Ti), cortical, or locking screws as well as additional features, such as under cuts, scalloped edges, and K-wire holes.

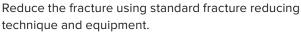
The straight plates are available in a variety of lengths and sizes ranging from 1.6 mm to broad 3.5 mm. The variable angle titanium locking screws range from 1.6 mm to 3.0 mm. For a complete list, please see the final pages of this guide.

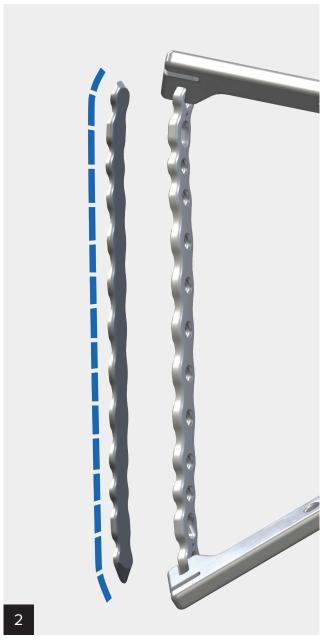




# Surgical Technique

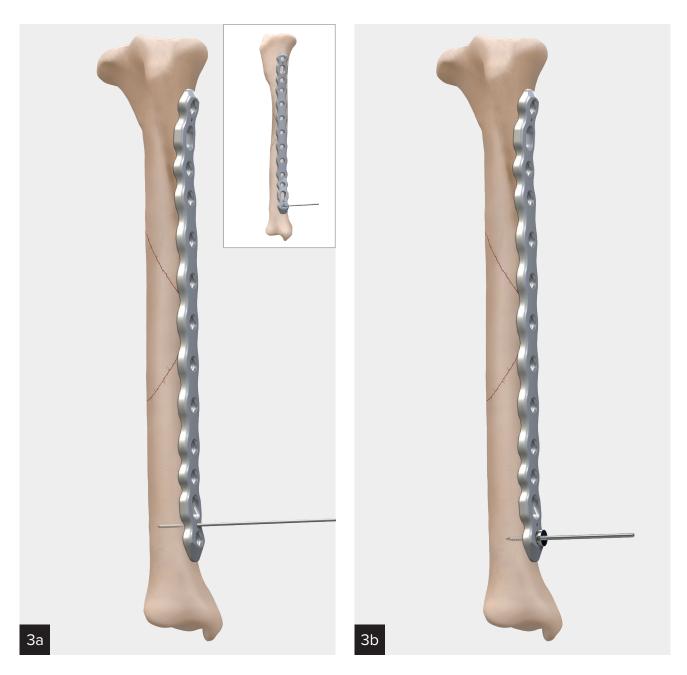




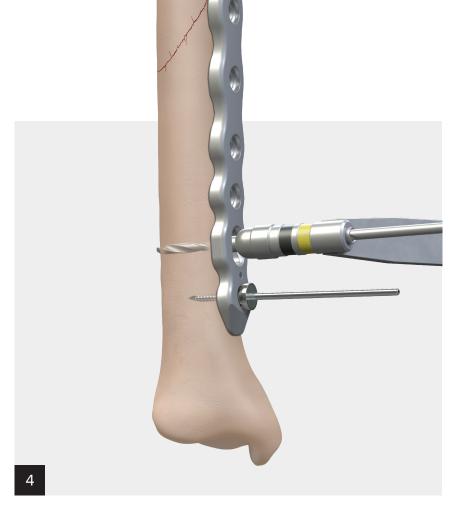


In order to contour the plate, place the appropriate cannulated, threaded, bending plug inserts into the locking screw holes where the plate will be contoured using the appropriate screwdriver. Contour the plate as necessary using bending irons or another form of plate benders, replicating the anatomy.

For bending of the tip/nose of the plate, use the "fork" end of the bending irons. Once the contouring is complete, the bending plugs can be removed or used in conjunction with K-wires.

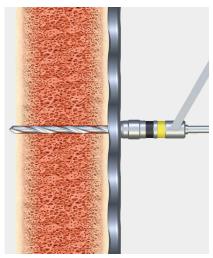


The plate may be temporarily affixed to the bone using multiple methods. For temporary fixation, K-wire holes and K-wires in conjunction with bending plugs can be used as well as threaded or nonthreaded BB-Tak in the center of a universal screw hole.

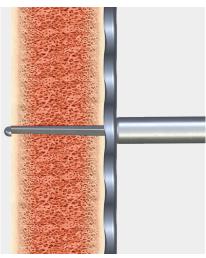


When applying the plate, first place a cortical screw in the slide hole of the contoured plated by drilling using the universal drill guide, measuring, and placing the screw. The screw is brought into contact with the plate and small adjustments are made prior to tightening the screw to the plate.

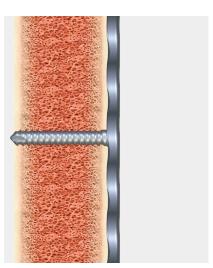
Note: K-wires and BB-Tak must be removed for proper application and use of the slide hole.



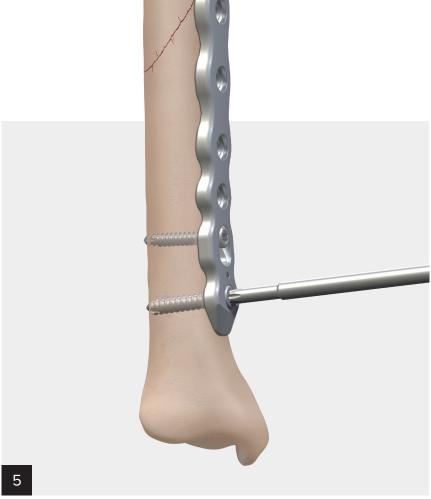
Drill Side Cross Section



Depth Gauge Measurement Side Cross Section



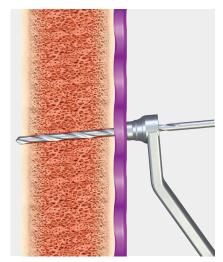
Locking Screw Placement Cross Section



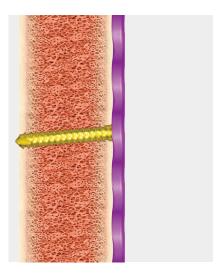
Place a locking screw next to the slide hole by drilling, measuring, placing the screw, and locking the screw in place. Screws may be placed under power, but the final turns should be done manually with the manual screwdriver.

The variable angle guide can also be used for titanium implants sizes 3.0 mm and below for use with the variable angle locking screws. If care is not taken, a screw placed using a variable angle method can converge with another screw.

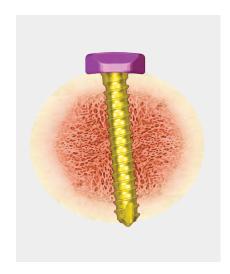




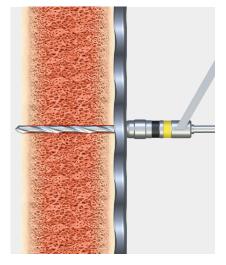
Drilling Side Cross Section



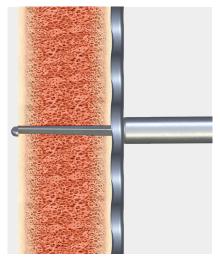
Locking Screw Placement Cross Section



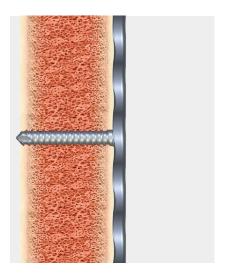
Top, Cross-Section Detail







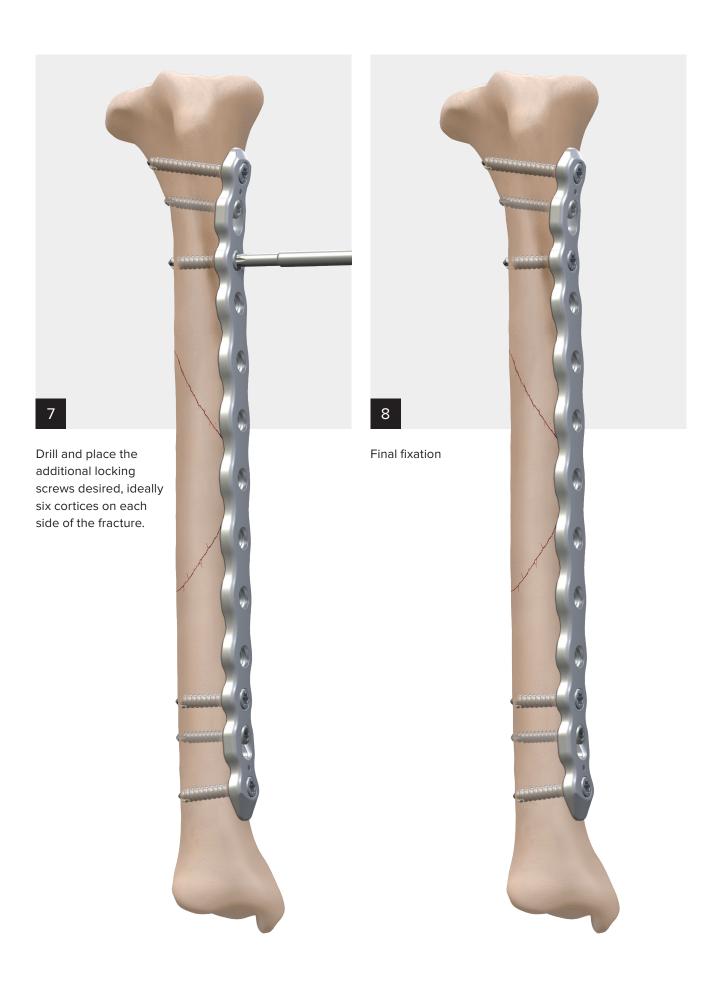
Depth Gauge Measurement Side Cross Section



Locking Screw Placement Cross Section



If compression is desired, place a cortical screw in the compression slot. To do so, place the universal drill guide farthest away from the fracture within the compression hole of the plate, then drill, measure, and insert the screw. Placing the guide farther from the fracture will result in greater compression. To ensure compression is obtained, a fixed point on the distal end will need to be in place.



# Ordering Information

# Implants

Product Description	Item Number
1.6 mm Straight Plates	
Straight Plate, Ti, 1.6 mm, 5 hole	VAR- <b>3116-05</b>
Straight Plate, Ti, 1.6 mm, 6 hole	VAR- <b>3116-06</b>
Straight Plate, Ti, 1.6 mm, 7 hole	VAR- <b>3116-07</b>
Straight Plate Broad, Ti, 1.6 mm, 5 hole	VAR- <b>3116B-05</b>
Straight Plate Broad, Ti, 1.6 mm, 6 hole	VAR- <b>3116B-06</b>
Straight Plate Broad, Ti, 1.6 mm, 7 hole	VAR- <b>3116B-07</b>
Straight Plate Broad, Ti, 1.6 mm, 8 hole	VAR- <b>3116B-08</b>
Straight Plate Broad, Ti, 1.6 mm, 9 hole	VAR- <b>3116B-09</b>
Straight Plate Broad, Ti, 1.6 mm, 10 hole	VAR- <b>3116B-10</b>
2.0 mm Straight Plates	
Straight Plate, Ti, 2.0 mm, 6 hole	VAR- <b>3120-06</b>
Straight Plate, Ti, 2.0 mm, 7 hole	VAR- <b>3120-07</b>
Straight Plate, Ti, 2.0 mm, 8 hole	VAR- <b>3120-08</b>
Straight Plate, Ti, 2.0 mm, 9 hole	VAR- <b>3120-09</b>
Straight Plate, Ti, 2.0 mm, 10 hole	VAR- <b>3120-10</b>
Straight Plate, Ti, 2.0 mm, 11 hole	VAR- <b>3120-11</b>
Straight Plate, Ti, 2.0 mm, 12 hole	VAR- <b>3120-12</b>
Straight Plate, Ti, 2.0 mm, 13 hole	VAR- <b>3120-13</b>
Straight Plate, Ti, 2.0 mm, 14 hole	VAR- <b>3120-14</b>
Straight Plate, Ti, 2.0 mm, 15 hole	VAR- <b>3120-15</b>
2.4 mm Straight Plates	
Straight Plate, Ti, 2.4 mm, 6 hole	VAR- <b>3124-06</b>
Straight Plate, Ti, 2.4 mm, 7 hole	VAR- <b>3124-07</b>
Straight Plate, Ti, 2.4 mm, 8 hole	VAR- <b>3124-08</b>
Straight Plate, Ti, 2.4 mm, 9 hole	VAR- <b>3124-09</b>
Straight Plate, Ti, 2.4 mm, 10 hole	VAR- <b>3124-10</b>
Straight Plate, Ti, 2.4 mm, 11 hole	VAR- <b>3124-11</b>
Straight Plate, Ti, 2.4 mm, 12 hole	VAR- <b>3124-12</b>
Straight Plate, Ti, 2.4 mm, 13 hole	VAR- <b>3124-13</b>
Straight Plate, Ti, 2.4 mm, 14 hole	VAR- <b>3124-14</b>
Straight Plate, Ti, 2.4 mm, 15 hole	VAR- <b>3124-15</b>
3.0 mm Straight Plates	77.11.01.21.10
Straight Plate, Ti, 3.0 mm, 6 hole	VAR- <b>3130-06</b>
Straight Plate, Ti, 3.0 mm, 7 hole	VAR- <b>3130-07</b>
Straight Plate, Ti, 3.0 mm, 8 hole	VAR-3130-08
Straight Plate, Ti, 3.0 mm, 9 hole	VAR-3130-09
Straight Plate, Ti, 3.0 mm, 10 hole	VAR-3130-10
Straight Plate, Ti, 3.0 mm, 11 hole	VAR-3130-10
Straight Plate, Ti, 3.0 mm, 12 hole	VAR-3130-11
Straight Plate, Ti, 3.0 mm, 13 hole	VAR-3130-12
Straight Plate, Ti, 3.0 mm, 14 hole	VAR-3130-13
Straight Plate, Ti, 3.0 mm, 15 hole	VAR-3130-14
Suaight Flate, 11, 3.0 mm, 13 mme	VAR-3 13U-13

<b>Product Description</b>		Item Number
3.5 mm Straight Plates		
Straight Plate, SS, 3.5 m	ım, 6 hole	VAR- <b>3035-06</b>
Straight Plate, SS, 3.5 m	ım, 7 hole	VAR- <b>3035-07</b>
Straight Plate, SS, 3.5 m	ım, 8 hole	VAR- <b>3035-08</b>
Straight Plate, SS, 3.5 m	ım, 9 hole	VAR- <b>3035-09</b>
Straight Plate, SS, 3.5 m	ım, 10 hole	VAR- <b>3035-10</b>
Straight Plate, SS, 3.5 m	ım, 11 hole	VAR- <b>3035-11</b>
Straight Plate, SS, 3.5 m	ım, 12 hole	VAR- <b>3035-12</b>
Straight Plate, SS, 3.5 m	ım, 13 hole	VAR- <b>3035-13</b>
Straight Plate, SS, 3.5 m	ım, 14 hole	VAR- <b>3035-14</b>
Straight Plate, SS, 3.5 m	ım, 15 hole	VAR- <b>3035-15</b>
Straight Plate Broad, SS	, 3.5 mm, 8 hole	VAR- <b>3035B-08</b>
Straight Plate Broad, SS	, 3.5 mm, 9 hole	VAR- <b>3035B-0</b> 9
Straight Plate Broad, SS	, 3.5 mm, 10 hole	VAR- <b>3035B-10</b>
Straight Plate Broad, SS	, 3.5 mm, 11 hole	VAR- <b>3035B-11</b>
Straight Plate Broad, SS	, 3.5 mm, 12 hole	VAR- <b>3035B-12</b>
Straight Plate Broad, SS	, 3.5 mm, 13 hole	VAR- <b>3035B-13</b>
Straight Plate Broad, SS	, 3.5 mm, 14 hole	VAR- <b>3035B-14</b>
Straight Plate Broad, SS	, 3.5 mm, 15 hole	VAR- <b>3035B-15</b>
Straight Plate Broad, SS	, 3.5 mm, 16 hole	VAR- <b>3035B-16</b>
Straight Plate Broad, SS	, 3.5 mm, 17 hole	VAR- <b>3035B-17</b>
0000000	00000	000,000
0000000	000000	0000000

000m00	00000	000000
0000000	000000	0000000
000000000	0.000.000	00000000
00000	00000000	00000000
000 000	00000000	0000000000
0000000	0.00000000	0000000000
00000000	0.0000000000000000000000000000000000000	00000000000
000000000	000000000000000000000000000000000000000	00000000000000
000000000	00000000000	0000000000000000
000000	0000000	©000 0000
••••	0000000	(00000000
0000000	G00000000	(000000000
000000000	QQ00000000	©©000000000
0000000000	0000000000	(00000000000000000000000000000000000000
00000000000	000000000000	(c)
00000000000	0200000000000	000000000000000000000000000000000000000
***************************************	(CO	@5000000000000000000000000000000000000
•	000000000000000000000000000000000000000	00:::::::::::::::::::::::::::::::::::::
(00000000000000000000000000000000000000		

# T-Plates

Product Description	Item Number
1.6 mm T-Plate	
T-plate, Ti, 1.6 mm, 2-hole/3-hole	VAR- <b>3116T-2-3</b>
T-plate Broad, Ti, 1.6 mm, 2-hole/3-hole	VAR- <b>3116BT-2</b> -3
T-plate Broad, Ti, 1.6 mm, 3-hole/4-hole	VAR- <b>3116BT-3</b> -4
2.0 mm T-Plate	
T-plate, Ti, 2.0 mm, 2-hole/4-hole	VAR- <b>3120T-2-4</b>
T-plate, Ti, 2.0 mm, 3-hole/4-hole	VAR- <b>3120T-3-4</b>
2.4 mm T-Plate	
T-plate, Ti, 2.4 mm, 2-hole/4-hole	VAR- <b>3124T-2-4</b>
T-plate, Ti, 2.4 mm, 3-hole/4-hole	VAR- <b>3124T-3-4</b>
3.0 mm T-Plate	
T-plate, Ti, 3.0 mm, 2-hole/4-hole	VAR- <b>3130T-2-4</b>
T-plate, Ti, 3.0 mm, 3-hole/4-hole	VAR- <b>3130T-3-4</b>
3.5 mm T-Plate	
T-plate, SS, 3.5 mm, 2-hole/4-hole	VAR- <b>3035T-2-4</b>
T-plate, SS, 3.5 mm, 3-hole/4-hole	VAR- <b>3035T-3-4</b>























# Screws

Product Description	Item Numbe
1.6 mm Low-Profile Cortical, Variable Angle	
Low-Profile Cortical Screw, 1.6 mm × 6 mm–20 mm Sizes: 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 18, 20 mm	VAR- <b>8916-0</b> to - <b>20</b>
Low-Profile Variable Angle Screw, 1.6 mm × 6 mm—20 mm Sizes: 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 18, 20 mm	VAR- <b>8916V</b> - to - <b>20</b>
2.0 mm Low-Profile Cortical, Variable Angle, Locking	
Low-Profile Cortical Screw, 2.0 mm × 6 mm-30 mm Sizes: 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 18, 20, 22, 24, 26, 28, 30 mm	VAR- <b>8920-0</b> to - <b>30</b>
Low-Profile Variable Angle Screw, 2.0 mm × 6 mm–30 mm Sizes: 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 18, 20, 22, 24, 26, 28, 30 mm	VAR- <b>8920V-</b> 0 to - <b>30</b>
Low-Profile Locking Screw, 2.0 mm × 6 mm–30 mm Sizes: 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 18, 20, 22, 24, 26, 28, 30 mm	VAR- <b>8920L-</b> 0 to - <b>30</b>
2.4 mm Low-Profile Cortical, Variable Angle, Locking	
Low-Profile Cortical Screw, 2.4 mm × 8 mm-30 mm Sizes: 8, 9, 10, 11, 12, 13, 14, 16, 18, 20, 22, 24, 26, 28, 30 mm	VAR- <b>8924-0</b> to - <b>30</b>
Low-Profile Variable Angle Screw, 2.4 mm $\times$ 8 mm $-$ 30 mm Sizes: 8, 9, 10, 11, 12, 13, 14, 16, 18, 20, 22, 24, 26, 28, 30 mm	VAR- <b>8924V-</b> 0 to - <b>30</b>
Low-Profile Locking Screw, 2.4 mm × 8 mm–30 mm Sizes: 8, 9, 10, 11, 12, 13, 14, 16, 18, 20, 22, 24, 26, 28, 30 mm	VAR- <b>8924L-</b> 0 to - <b>30</b>
3.0 mm Low-Profile Cortical, Variable Angle, Locking	
Low-Profile Cortical Screw, 3.0 mm × 8 mm–40 mm Sizes: 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40 mm	VAR- <b>8930-0</b> to - <b>40</b>
Low-Profile Variable Angle Screw, 3.0 mm × 8 mm–40 mm Sizes: 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40 mm	VAR- <b>8930V-</b> 0 to - <b>40</b>
Low-Profile Locking Screw, 3.0 mm × 8 mm–40 mm Sizes: 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38 40 mm	VAR- <b>8930L-</b> 0 to - <b>40</b>
3.5 mm Low-Profile Cortical, Locking	
Low-Profile Cortical Screw, 3.5 mm × 8 mm–65 mm Sizes: 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 65 mm	VAR- <b>8835-0</b> to - <b>65</b>
Low-Profile Locking Screw, 3.5 mm × 10 mm–60 mm Sizes: 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60 mm	VAR- <b>8835L</b> - to - <b>60</b>
4.0 mm Low-Profile Cortical, Locking	
Low-Profile Locking Screw, 4.0 mm × 18 mm–65 mm Sizes: 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 65 mm	VAR- <b>8840L</b> - to - <b>65</b>

# **Equipment Part List**

Product Description	Item Number
Disposable/Limited Reusable	
Drill Bit, solid, AO, 1.1 mm	VAR- <b>4016D</b>
Drill Bit, solid, AO, 1.5 mm	VAR- <b>4020D</b>
Drill Bit, solid, AO, 1.8 mm	VAR- <b>4024D</b>
Drill Bit, solid, AO, 2.3 mm	VAR- <b>4030D</b>
Drill Bit, solid, short, AO, 2.5 mm	VAR- <b>8943-30</b>
Drill Bit, solid, AO, 2.8 mm	VAR- <b>4035D</b>
Drill Bit, solid, AO, 3.5 mm	VAR- <b>4040D</b>
Drill Bit, solid, short, AO, 1.1 mm*	VAR- <b>4016SD</b>
Drill Bit, solid, short, AO, 1.5 mm*	VAR- <b>4020SD</b>
Drill Bit, solid, short, AO, 1.8 mm*	VAR- <b>4024SD</b>
Drill Bit, solid, short, AO, 2.3 mm*	VAR- <b>4030SD</b>
Guide Wire w/ Trocar. 0.86 mm × 80 mm	VAR- <b>8929K</b>
Guide Wire w/ Trocar, 1.1 mm × 150 mm	VAR- <b>8933K</b>
Guide Wire W/ Trocar, 1.3 mm × 150 mm	VAR- <b>8937K</b>
Instruments	,,,, JJJ, N
Depth Measuring Device, 1.6 mm/2.0 mm/2.4 mm	VAR- <b>2024DD</b>
Depth Measuring Device, 1.0 min/2.0 min/2.4 min	VAR- <b>8943-15</b>
2.7 mm/3.0 mm/3.5 mm/4.0 mm	VAIX-0343-13
T6 Driver, 1.6 mm/2.0 mm	VAR- <b>4020-01</b>
T8 Driver, 2.4 mm	VAR- <b>4024-01</b>
T10 Driver, 3.0 mm	VAR- <b>8944DH</b>
T15 Driver, 3.5 mm	VAR- <b>8941DH</b>
T6 Screwdriver, 1.6 mm/2.0 mm	VAR- <b>4020-02</b>
T8 Screwdriver, 2.4 mm	VAR- <b>4024-02</b>
T10 Screwdriver, 3.0 mm	VAR- <b>8943-08</b>
T15 Screwdriver, 3.5 mm	VAR- <b>8943-10</b>
Screw Holding Forceps	VAR- <b>8941F</b>
Drill/Depth Guide, locking, 1.6 mm	VAR- <b>4016DG</b>
Drill/Depth Guide, locking, 2.0 mm	VAR- <b>4020DG</b>
Drill/Depth Guide, locking, 2.4 mm	VAR- <b>4024DG</b>
Drill/Depth Guide, locking, 3.0 mm	VAR- <b>4030DG</b>
Drill/Depth Guide, locking, 3.5 mm	VAR- <b>4035DG</b>
Drill/Depth Guide, locking, 4.0 mm	VAR- <b>4040DG</b>
Drill Guide, 1.1 mm	VAR- <b>4016TDG</b>
Tap/Drill Guide, 2.0 mm/1.5 mm	VAR- <b>4020TDG</b>
Tap/Drill Guide, 2.4 mm/1.8 mm	VAR- <b>4024TDG</b>
Tap/Drill Guide, 3.0 mm/2.3 mm	VAR- <b>4030TDG</b>
Drill Guide, 3.5 mm/2.5 mm	VAR- <b>8943-14</b>
BB-Tak, small, threaded	VAR-8933TBB
BB-Tak, small	VAR-8933BB
BB-Tak, large, threaded	VAR-8933BB VAR-8941TBB
	VAR- <b>89411BB</b> VAR- <b>8941BB</b>
BB-Tak, large	
Drill Guide, variable, 1.6 mm	VAR- <b>4016VDG</b>
Drill Guide, variable, 2.4 mm	VAR- <b>4020VDG</b>
Drill Guide, variable, 2.4 mm	VAR- <b>4024VDG</b>
Drill Guide, variable, 3.0 mm	VAR- <b>4030VDG</b>
Bone Tap, 2.0 mm	VAR- <b>4020T</b>
Bone Tap, 2.4 mm	VAR- <b>4024T</b>

Bone Tap, 3.0 mm         VAR-4030T           Bending Plug, cannulated, 1.6/ 2.0 mm         VAR-4020-04           Bending Plug, cannulated, 2.4 mm         VAR-4024-04           Bending Plug, cannulated, 3.0 mm         VAR-4030-04           Bending Plug, cannulated, 3.5 mm         VAR-4035-04           Bending Plug, cannulated, 3.5 mm         VAR-4000-07           Bending Iron, small, 1.6 mm/2.0 mm         VAR-4000-07           Bending Iron, medium, 2.4 mm/3.0 mm         VAR-4000-08           Bending Iron, large 3.5 mm/broad 3.5 mm         VAR-4000-09           Freer Elevator*         VAR-4000-10           Hohmann Retractor, double ended, 6 mm/10 mm         VAR-4000-11           Ikuta Clamp         VAR-4000-12           Lobster Clamp, mini         VAR-4000-13           Lobster Clamp, mini, radiolucent         VAR-4000-14           Periosteal Elevator, 6 mm curved blade*         VAR-4000-15           Pliers, needle nose*         VAR-4000-16           Pointed Reduction Forceps         VAR-4000-17           Reduction Forceps, guide wire         VAR-4000-18           Sharp Hook*         VAR-4000-20           Toothed Reduction Forceps, kocher         VAR-4000-21           Cases and Caddies         VAR-4000-20           General Instrument Tray Insert*         VAR-400	Product Description	Item Number
Bending Plug, cannulated, 2.4 mm  Bending Plug, cannulated, 3.0 mm  VAR-4030-04  Bending Plug, cannulated, 3.5 mm  VAR-4000-07  Bending Iron, small, 1.6 mm/2.0 mm  VAR-4000-08  Bending Iron, large 3.5 mm/broad 3.5 mm  VAR-4000-09  Freer Elevator*  VAR-4000-10  Hohmann Retractor, double ended, 6 mm/10 mm  Ikuta Clamp  VAR-4000-12  Lobster Clamp, mini  Lobster Clamp, mini, radiolucent  VAR-4000-14  Periosteal Elevator, 6 mm curved blade*  VAR-4000-15  Pliers, needle nose*  VAR-4000-17  Reduction Forceps, guide wire  VAR-4000-19  Termite Forceps*  VAR-4000-20  Toothed Reduction Forceps, kocher  VAR-4000-21  Cases and Caddies  General Instrument Case*  VAR-4000GC  General Instrument Tray Insert*  VAR-4000BPC  Screw Caddy, 1.6 mm  VAR-30245C-01  Screw Caddy, 2.0 mm  VAR-30245C-01  Screw Caddy, 2.4 mm  VAR-3030SC-01	Bone Tap, 3.0 mm	VAR- <b>4030T</b>
Bending Plug, cannulated, 3.0 mm  VAR-4030-04  Bending Plug, cannulated, 3.5 mm  VAR-4000-07  Bending Iron, small, 1.6 mm/2.0 mm  VAR-4000-08  Bending Iron, large 3.5 mm/broad 3.5 mm  VAR-4000-09  Freer Elevator*  VAR-4000-10  Hohmann Retractor, double ended, 6 mm/10 mm  VAR-4000-11  Ikuta Clamp  Lobster Clamp, mini  VAR-4000-12  Lobster Clamp, mini, radiolucent  VAR-4000-14  Periosteal Elevator, 6 mm curved blade*  VAR-4000-15  Pliers, needle nose*  VAR-4000-17  Reduction Forceps, guide wire  VAR-4000-18  Sharp Hook*  VAR-4000-20  Toothed Reduction Forceps, kocher  VAR-4000-21  Cases and Caddies  General Instrument Case*  VAR-4000GC  General Instrument Tray Insert*  VAR-3006C-01  Screw Caddy, 2.0 mm  VAR-3020SC-01  Screw Caddy, 3.0 mm  VAR-3030SC-01  Screw Caddy, 3.0 mm  VAR-3030SC-01	Bending Plug, cannulated, 1.6/ 2.0 mm	VAR- <b>4020-04</b>
Bending Plug, cannulated, 3.5 mm  VAR-4000-07  Bending Iron, small, 1.6 mm/2.0 mm  VAR-4000-08  Bending Iron, large 3.5 mm/broad 3.5 mm  VAR-4000-09  Freer Elevator*  VAR-4000-10  Hohmann Retractor, double ended, 6 mm/10 mm  VAR-4000-11  Ikuta Clamp  VAR-4000-12  Lobster Clamp, mini  Lobster Clamp, mini, radiolucent  VAR-4000-14  Periosteal Elevator, 6 mm curved blade*  VAR-4000-15  Pliers, needle nose*  VAR-4000-17  Reduction Forceps, guide wire  VAR-4000-18  Sharp Hook*  VAR-4000-19  Termite Forceps*  VAR-4000-20  Toothed Reduction Forceps, kocher  VAR-4000-21  Cases and Caddies  General Instrument Case*  VAR-4000GC  General Instrument Tray Insert*  VAR-4000BPC  Screw Caddy, 1.6 mm  VAR-3016SC-01  Screw Caddy, 2.4 mm  VAR-3030SC-01  Screw Caddy, 3.0 mm  VAR-3030SC-01	Bending Plug, cannulated, 2.4 mm	VAR- <b>4024-04</b>
Bending Iron, small, 1.6 mm/2.0 mm  VAR-4000-07  Bending Iron, medium, 2.4 mm/3.0 mm  VAR-4000-09  Freer Elevator*  VAR-4000-10  Hohmann Retractor, double ended, 6 mm/10 mm  VAR-4000-12  Lobster Clamp, mini  Lobster Clamp, mini, radiolucent  VAR-4000-15  Pliers, needle nose*  VAR-4000-16  Pointed Reduction Forceps  VAR-4000-17  Reduction Forceps, guide wire  VAR-4000-19  Termite Forceps*  VAR-4000-20  Toothed Reduction Forceps, kocher  VAR-4000-21  Cases and Caddies  General Instrument Case*  VAR-4000GC  General Instrument Tray Insert*  VAR-3016SC-01  Screw Caddy, 2.0 mm  VAR-3030SC-01  Screw Caddy, 3.0 mm  VAR-3030SC-01	Bending Plug, cannulated, 3.0 mm	VAR- <b>4030-04</b>
Bending Iron, medium, 2.4 mm/3.0 mm  Bending Iron, large 3.5 mm/broad 3.5 mm  VAR-4000-09  Freer Elevator*  VAR-4000-10  Hohmann Retractor, double ended, 6 mm/10 mm  VAR-4000-11  Ikuta Clamp  VAR-4000-12  Lobster Clamp, mini  Lobster Clamp, mini, radiolucent  VAR-4000-14  Periosteal Elevator, 6 mm curved blade*  VAR-4000-15  Pliers, needle nose*  VAR-4000-16  Pointed Reduction Forceps  VAR-4000-17  Reduction Forceps, guide wire  VAR-4000-19  Termite Forceps*  VAR-4000-20  Toothed Reduction Forceps, kocher  VAR-4000-21  Cases and Caddies  General Instrument Case*  VAR-4000GC  General Instrument Tray Insert*  VAR-4000BPC  Screw Caddy, 1.6 mm  VAR-3016SC-01  Screw Caddy, 2.4 mm  VAR-3030SC-01  Screw Caddy, 3.0 mm  VAR-3030SC-01	Bending Plug, cannulated, 3.5 mm	VAR- <b>4035-04</b>
Bending Iron, large 3.5 mm/broad 3.5 mm  VAR-4000-09  Freer Elevator*  VAR-4000-10  Hohmann Retractor, double ended, 6 mm/10 mm  Ikuta Clamp  VAR-4000-12  Lobster Clamp, mini  Lobster Clamp, mini, radiolucent  VAR-4000-14  Periosteal Elevator, 6 mm curved blade*  VAR-4000-15  Pliers, needle nose*  VAR-4000-16  Pointed Reduction Forceps  VAR-4000-17  Reduction Forceps, guide wire  VAR-4000-19  Termite Forceps*  VAR-4000-20  Toothed Reduction Forceps, kocher  VAR-4000-21  Cases and Caddies  General Instrument Case*  VAR-4000GC  General Instrument Tray Insert*  VAR-4000BPC  Screw Caddy, 1.6 mm  VAR-3016SC-01  Screw Caddy, 2.4 mm  VAR-3030SC-01  Screw Caddy, 3.0 mm  VAR-3030SC-01	Bending Iron, small, 1.6 mm/2.0 mm	VAR- <b>4000-07</b>
Freer Elevator*  VAR-4000-10  Hohmann Retractor, double ended, 6 mm/10 mm  VAR-4000-11  Ikuta Clamp  Lobster Clamp, mini  Lobster Clamp, mini, radiolucent  Periosteal Elevator, 6 mm curved blade*  VAR-4000-15  Pliers, needle nose*  VAR-4000-16  Pointed Reduction Forceps  VAR-4000-17  Reduction Forceps, guide wire  VAR-4000-18  Sharp Hook*  VAR-4000-19  Termite Forceps*  VAR-4000-20  Toothed Reduction Forceps, kocher  VAR-4000-21  Cases and Caddies  General Instrument Case*  VAR-4000GC  General Instrument Tray Insert*  VAR-4000BPC  Screw Caddy, 1.6 mm  VAR-3016SC-01  Screw Caddy, 2.4 mm  VAR-3030SC-01  Screw Caddy, 3.0 mm  VAR-3030SC-01	Bending Iron, medium, 2.4 mm/3.0 mm	VAR- <b>4000-08</b>
Hohmann Retractor, double ended, 6 mm/10 mm  Ikuta Clamp  VAR-4000-12  Lobster Clamp, mini  Lobster Clamp, mini, radiolucent  Periosteal Elevator, 6 mm curved blade*  VAR-4000-15  Pliers, needle nose*  VAR-4000-16  Pointed Reduction Forceps  VAR-4000-17  Reduction Forceps, guide wire  VAR-4000-18  Sharp Hook*  VAR-4000-19  Termite Forceps*  VAR-4000-20  Toothed Reduction Forceps, kocher  VAR-4000-21  Cases and Caddies  General Instrument Case*  VAR-4000GC  General Instrument Tray Insert*  VAR-4000BPC  Screw Caddy, 1.6 mm  VAR-3016SC-01  Screw Caddy, 2.4 mm  VAR-3030SC-01  Screw Caddy, 3.0 mm	Bending Iron, large 3.5 mm/broad 3.5 mm	VAR- <b>4000-09</b>
Ikuta Clamp         VAR-4000-12           Lobster Clamp, mini         VAR-4000-13           Lobster Clamp, mini, radiolucent         VAR-4000-14           Periosteal Elevator, 6 mm curved blade*         VAR-4000-15           Pliers, needle nose*         VAR-4000-16           Pointed Reduction Forceps         VAR-4000-17           Reduction Forceps, guide wire         VAR-4000-18           Sharp Hook*         VAR-4000-19           Termite Forceps*         VAR-4000-20           Toothed Reduction Forceps, kocher         VAR-4000-21           Cases and Caddies         VAR-4000GC           General Instrument Case*         VAR-4000GC           General Instrument Tray Insert*         VAR-4000BPC           Screw Caddy, 1.6 mm         VAR-3016SC-01           Screw Caddy, 2.0 mm         VAR-3020SC-01           Screw Caddy, 2.4 mm         VAR-3030SC-01           Screw Caddy, 3.0 mm         VAR-3030SC-01	Freer Elevator*	VAR- <b>4000-10</b>
Lobster Clamp, mini  Lobster Clamp, mini, radiolucent  Periosteal Elevator, 6 mm curved blade*  VAR-4000-15  Pliers, needle nose*  VAR-4000-16  Pointed Reduction Forceps  VAR-4000-17  Reduction Forceps, guide wire  VAR-4000-18  Sharp Hook*  VAR-4000-19  Termite Forceps*  VAR-4000-20  Toothed Reduction Forceps, kocher  VAR-4000-21  Cases and Caddies  General Instrument Case*  VAR-4000GC  General Instrument Tray Insert*  VAR-4000BPC  Screw Caddy, 1.6 mm  VAR-3016SC-01  Screw Caddy, 2.4 mm  VAR-3024SC-01  Screw Caddy, 3.0 mm  VAR-3030SC-01	Hohmann Retractor, double ended, 6 mm/10 mm	VAR- <b>4000-11</b>
Lobster Clamp, mini, radiolucent  Periosteal Elevator, 6 mm curved blade*  VAR-4000-15  Pliers, needle nose*  VAR-4000-16  Pointed Reduction Forceps  Reduction Forceps, guide wire  VAR-4000-18  Sharp Hook*  VAR-4000-19  Termite Forceps*  VAR-4000-20  Toothed Reduction Forceps, kocher  VAR-4000-21  Cases and Caddies  General Instrument Case*  VAR-4000GC  General Instrument Tray Insert*  VAR-4000BPC  Screw Caddy, 1.6 mm  VAR-3016SC-01  Screw Caddy, 2.0 mm  VAR-3024SC-01  Screw Caddy, 3.0 mm  VAR-3030SC-01	Ikuta Clamp	VAR- <b>4000-12</b>
Periosteal Elevator, 6 mm curved blade*         VAR-4000-15           Pliers, needle nose*         VAR-4000-16           Pointed Reduction Forceps         VAR-4000-17           Reduction Forceps, guide wire         VAR-4000-18           Sharp Hook*         VAR-4000-19           Termite Forceps*         VAR-4000-20           Toothed Reduction Forceps, kocher         VAR-4000-21           Cases and Caddies         VAR-4000GC           General Instrument Case*         VAR-4000GC           General Instrument Tray Insert*         VAR-4000BPC           Screw Caddy, 1.6 mm         VAR-3016SC-01           Screw Caddy, 2.0 mm         VAR-3020SC-01           Screw Caddy, 2.4 mm         VAR-3030SC-01           Screw Caddy, 3.0 mm         VAR-3030SC-01	Lobster Clamp, mini	VAR- <b>4000-13</b>
Pliers, needle nose*         VAR-4000-16           Pointed Reduction Forceps         VAR-4000-17           Reduction Forceps, guide wire         VAR-4000-18           Sharp Hook*         VAR-4000-19           Termite Forceps*         VAR-4000-20           Toothed Reduction Forceps, kocher         VAR-4000-21           Cases and Caddies         VAR-4000GC           General Instrument Case*         VAR-4000GC           General Instrument Tray Insert*         VAR-4000BPC           Screw Caddy, 1.6 mm         VAR-3016SC-01           Screw Caddy, 2.0 mm         VAR-3020SC-01           Screw Caddy, 2.4 mm         VAR-3030SC-01           Screw Caddy, 3.0 mm         VAR-3030SC-01	Lobster Clamp, mini, radiolucent	VAR- <b>4000-14</b>
Pointed Reduction Forceps         VAR-4000-17           Reduction Forceps, guide wire         VAR-4000-18           Sharp Hook*         VAR-4000-19           Termite Forceps*         VAR-4000-20           Toothed Reduction Forceps, kocher         VAR-4000-21           Cases and Caddies         VAR-4000GC           General Instrument Case*         VAR-4000GC           General Instrument Tray Insert*         VAR-4000BPC           Screw Caddy, 1.6 mm         VAR-3016SC-01           Screw Caddy, 2.0 mm         VAR-3020SC-01           Screw Caddy, 2.4 mm         VAR-3030SC-01           Screw Caddy, 3.0 mm         VAR-3030SC-01	Periosteal Elevator, 6 mm curved blade*	VAR- <b>4000-15</b>
Reduction Forceps, guide wire         VAR-4000-18           Sharp Hook*         VAR-4000-19           Termite Forceps*         VAR-4000-20           Toothed Reduction Forceps, kocher         VAR-4000-21           Cases and Caddies         VAR-4000GC           General Instrument Case*         VAR-4000GC           General Instrument Tray Insert*         VAR-4000BPC           Screw Caddy, 1.6 mm         VAR-3016SC-01           Screw Caddy, 2.0 mm         VAR-3020SC-01           Screw Caddy, 2.4 mm         VAR-3030SC-01           Screw Caddy, 3.0 mm         VAR-3030SC-01	Pliers, needle nose*	VAR- <b>4000-16</b>
Sharp Hook*         VAR-4000-19           Termite Forceps*         VAR-4000-20           Toothed Reduction Forceps, kocher         VAR-4000-21           Cases and Caddies         VAR-4000GC           General Instrument Case*         VAR-4000GC-01           Bending Plug Caddy         VAR-4000BPC           Screw Caddy, 1.6 mm         VAR-3016SC-01           Screw Caddy, 2.0 mm         VAR-3020SC-01           Screw Caddy, 3.0 mm         VAR-3030SC-01	Pointed Reduction Forceps	VAR- <b>4000-17</b>
Termite Forceps*         VAR-4000-20           Toothed Reduction Forceps, kocher         VAR-4000-21           Cases and Caddies         VAR-4000GC           General Instrument Case*         VAR-4000GC-01           Bending Plug Caddy         VAR-4000BPC           Screw Caddy, 1.6 mm         VAR-3016SC-01           Screw Caddy, 2.0 mm         VAR-3020SC-01           Screw Caddy, 2.4 mm         VAR-3030SC-01           Screw Caddy, 3.0 mm         VAR-3030SC-01	Reduction Forceps, guide wire	VAR- <b>4000-18</b>
Toothed Reduction Forceps, kocher  Cases and Caddies  General Instrument Case*  VAR-4000GC  General Instrument Tray Insert*  VAR-4000GC-01  Bending Plug Caddy  VAR-4000BPC  Screw Caddy, 1.6 mm  VAR-3016SC-01  Screw Caddy, 2.0 mm  VAR-3020SC-01  Screw Caddy, 3.0 mm  VAR-3030SC-01	Sharp Hook*	VAR- <b>4000-19</b>
Cases and Caddies         VAR-4000GC           General Instrument Case*         VAR-4000GC-01           General Instrument Tray Insert*         VAR-4000BPC           Screw Caddy, 1.6 mm         VAR-3016SC-01           Screw Caddy, 2.0 mm         VAR-3020SC-01           Screw Caddy, 2.4 mm         VAR-3024SC-01           Screw Caddy, 3.0 mm         VAR-3030SC-01	Termite Forceps*	VAR- <b>4000-20</b>
General Instrument Case*         VAR-4000GC           General Instrument Tray Insert*         VAR-4000GC-01           Bending Plug Caddy         VAR-4000BPC           Screw Caddy, 1.6 mm         VAR-3016SC-01           Screw Caddy, 2.0 mm         VAR-3020SC-01           Screw Caddy, 2.4 mm         VAR-3024SC-01           Screw Caddy, 3.0 mm         VAR-3030SC-01	Toothed Reduction Forceps, kocher	VAR- <b>4000-21</b>
General Instrument Tray Insert*         VAR-4000GC-01           Bending Plug Caddy         VAR-4000BPC           Screw Caddy, 1.6 mm         VAR-3016SC-01           Screw Caddy, 2.0 mm         VAR-3020SC-01           Screw Caddy, 2.4 mm         VAR-3024SC-01           Screw Caddy, 3.0 mm         VAR-3030SC-01	Cases and Caddies	
Bending Plug Caddy         VAR-4000BPC           Screw Caddy, 1.6 mm         VAR-3016SC-01           Screw Caddy, 2.0 mm         VAR-3020SC-01           Screw Caddy, 2.4 mm         VAR-3024SC-01           Screw Caddy, 3.0 mm         VAR-3030SC-01	General Instrument Case*	VAR- <b>4000GC</b>
Screw Caddy, 1.6 mm         VAR-3016SC-01           Screw Caddy, 2.0 mm         VAR-3020SC-01           Screw Caddy, 2.4 mm         VAR-3024SC-01           Screw Caddy, 3.0 mm         VAR-3030SC-01	General Instrument Tray Insert*	VAR- <b>4000GC-01</b>
Screw Caddy, 2.0 mm         VAR-3020SC-01           Screw Caddy, 2.4 mm         VAR-3024SC-01           Screw Caddy, 3.0 mm         VAR-3030SC-01	Bending Plug Caddy	VAR-4000BPC
Screw Caddy, 2.4 mm         VAR-3024SC-01           Screw Caddy, 3.0 mm         VAR-3030SC-01	Screw Caddy, 1.6 mm	VAR-3016SC-01
Screw Caddy, 3.0 mm VAR- <b>3030SC-01</b>	Screw Caddy, 2.0 mm	VAR-3020SC-01
,,	Screw Caddy, 2.4 mm	VAR-3024SC-01
Screw Caddy, 3.5 mm/4.0 mm VAR- <b>4035SC-02</b>	Screw Caddy, 3.0 mm	VAR-3030SC-01
	Screw Caddy, 3.5 mm/4.0 mm	VAR- <b>4035SC-02</b>

<sup>\*</sup>Available soon



This is not veterinary advice and Arthrex recommends that veterinarians be trained in the use of any particular product before using it in surgery. A veterinarian must always rely on their own professional clinical judgment when deciding whether to use a particular product. A veterinarian must always refer to the package insert, product label, and/or directions for use before using any Arthrex product. Products may not be available in all markets because product availability is subject to the regulatory or veterinary practices in individual markets. Postoperative management is patient-specific and dependent on the treating professional's assessment. Individual results will vary and not all patients will experience the same postoperative activity level or outcomes. Please contact your Arthrex representative if you have questions about availability of products in your area.

View U.S. patent information at www.arthrex.com/corporate/virtual-patent-marking

# arthrexvetsystems.com