

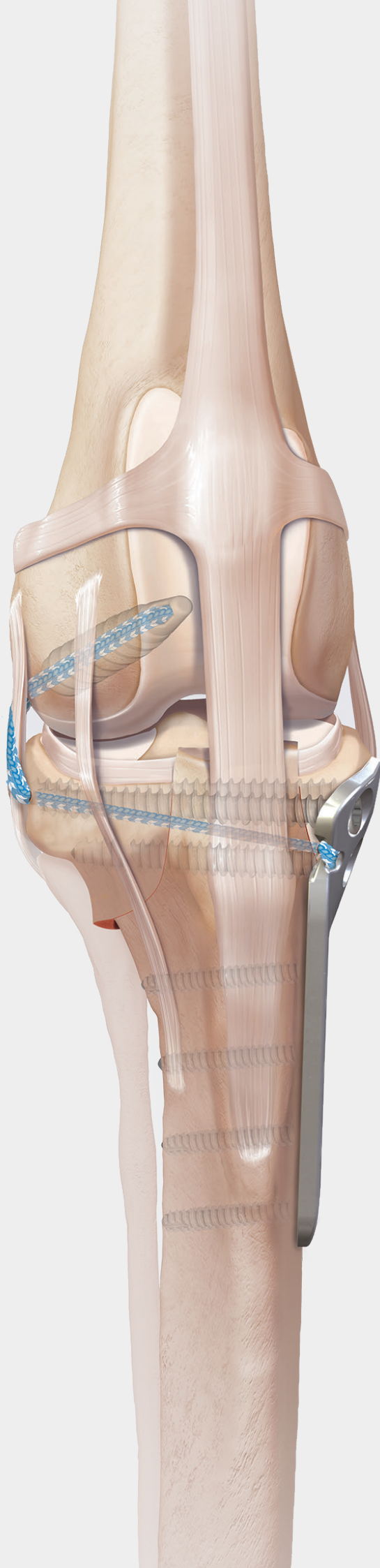
TPLO and OrthoLine™ Plating System

Leading Innovation in Animal Health



Arthrex®
Vet Systems

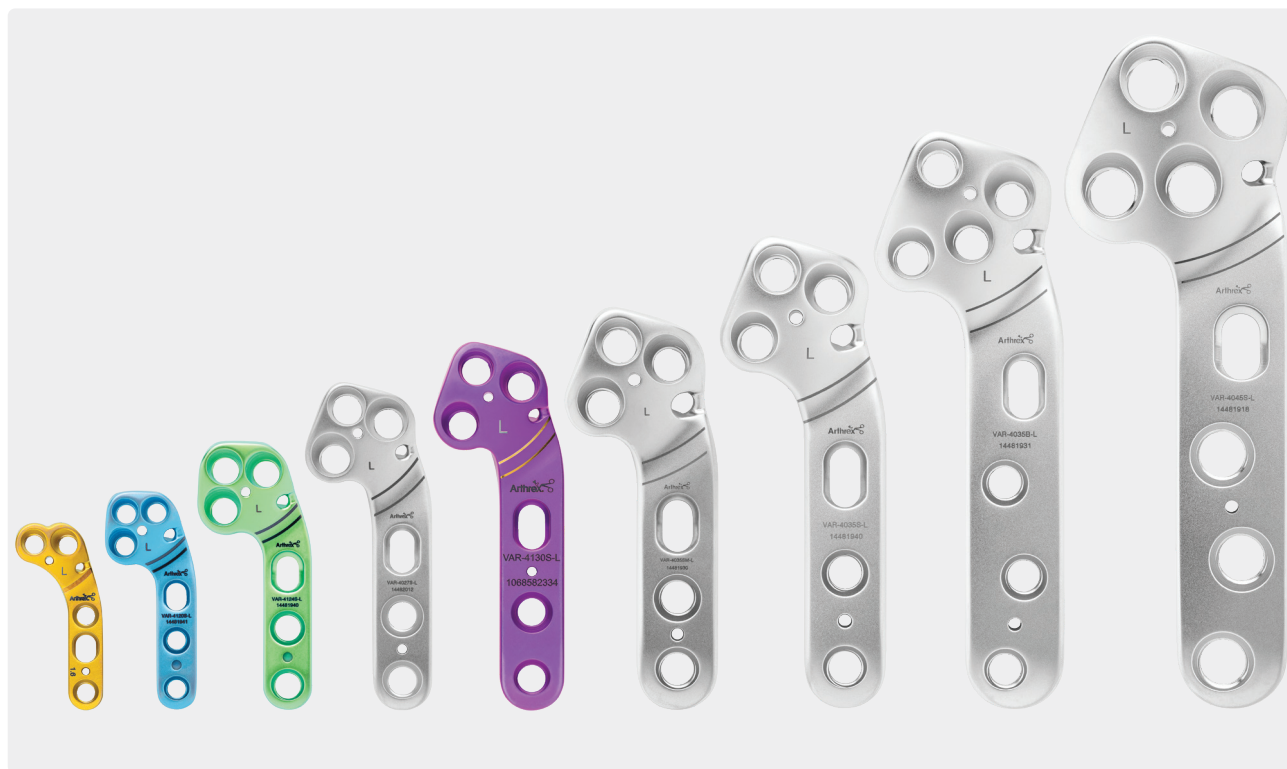
05	TPLO and MPL Locking System
06	TPLO Locking Plates
07	MPL Locking Plates
12	TPLO Sets and Cases
13	Reference Charts
23	OrthoLine™ Fracture Management System
24	Straight Plates and T-Plates
28	Bridge Plates
30	Cuttable plates
32	Distal Humeral
35	Distal Femoral Osteotomy Plates
37	Distal Femur Fracture Plates
39	Proximal Femoral Plates
41	Radial Fracture Plates
43	Iliac Fracture Plates
45	Acetabular Fracture Plates
50	OrthoLine™ Cases and Caddies
51	OrthoLine™ Fracture Reduction System
52	OrthoLine™ System Weight Reference Charts
57	Screw and Drill Bit Reference Charts
60	OrthoLine™ System Fracture Plate Sizing Charts
78	Reference Charts



TPLO and MPL System

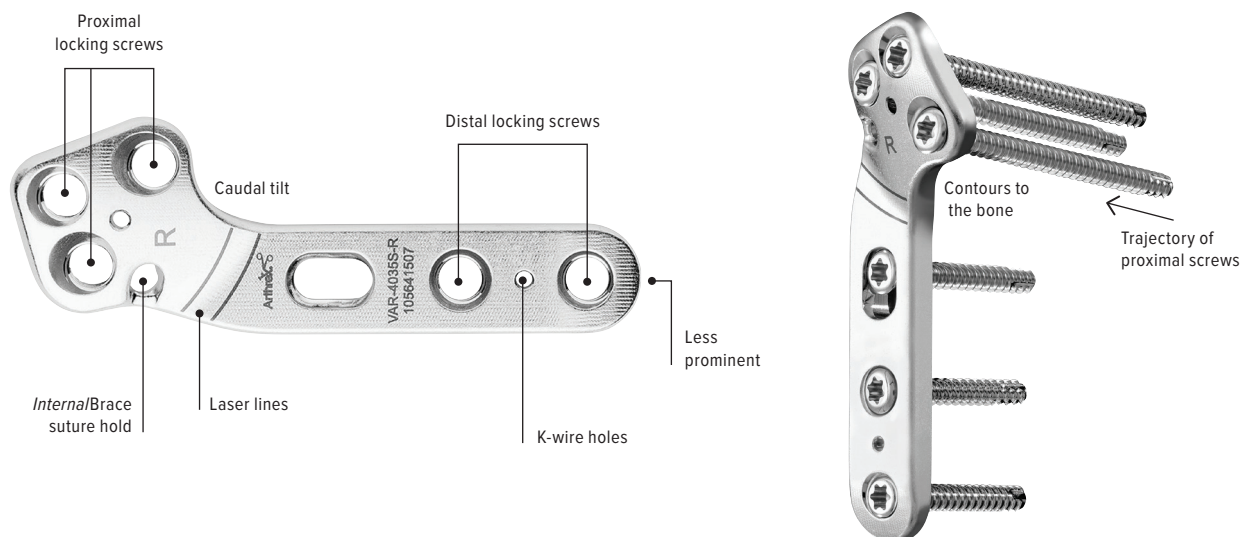
06	TPLO Locking Plates
07	MPL Locking Plates
12	TPLO Sets and Cases
13	Reference Charts

TPLO Locking Plates



- › High-quality medical-grade material, quality assurance, and craftsmanship
- › Proximal and distal locking screws
- › Anatomically shaped locking TPLO plate
- › Shape, contour, and additional features specifically designed to facilitate optimal plate placement
- › Allows for optional anti-rotational stabilization with *Internal/Brace™* ligament augmentation suture hole
- › Multicenter safety and efficacy clinical study

Anatomic Design



MPL Locking Plates



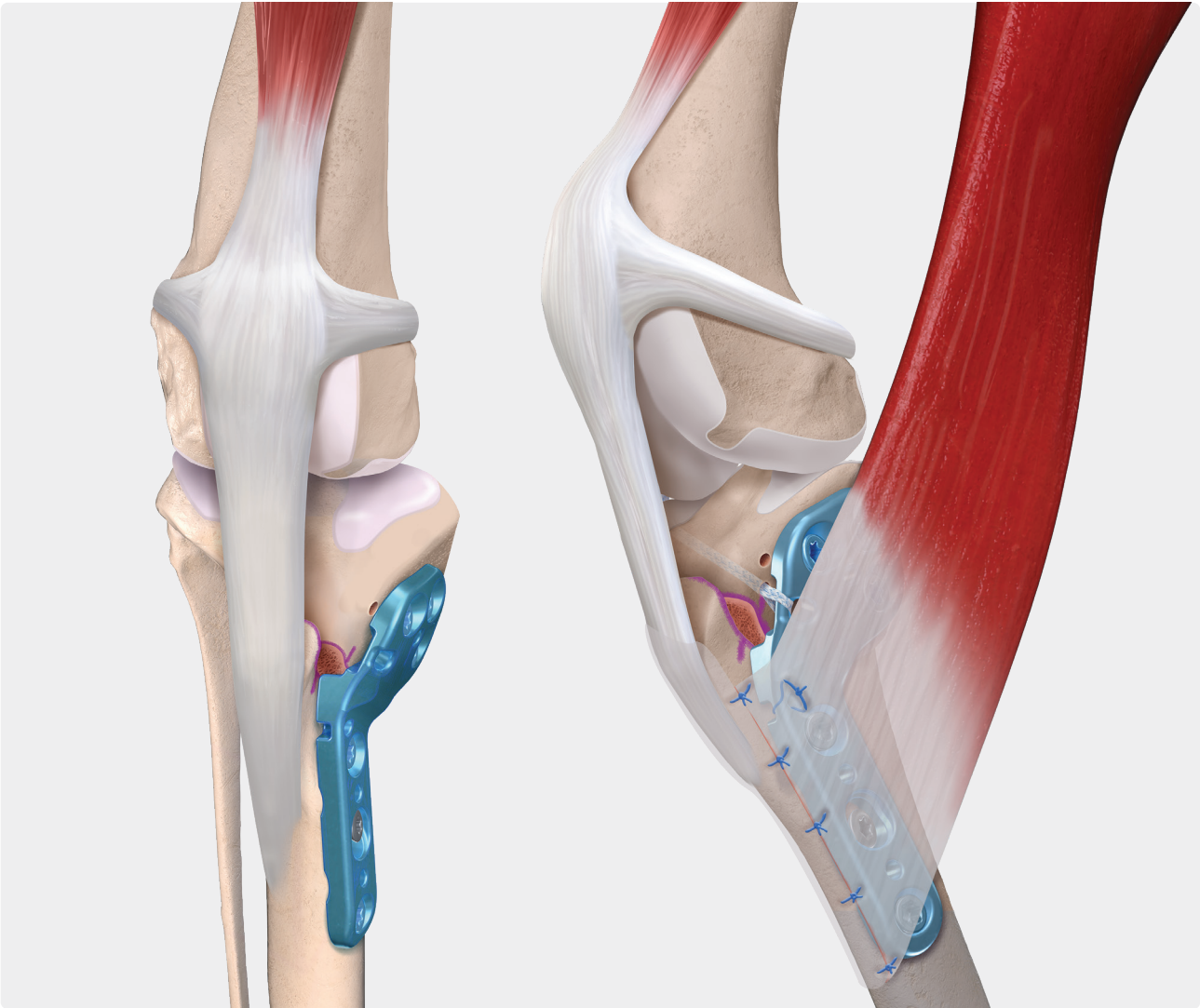
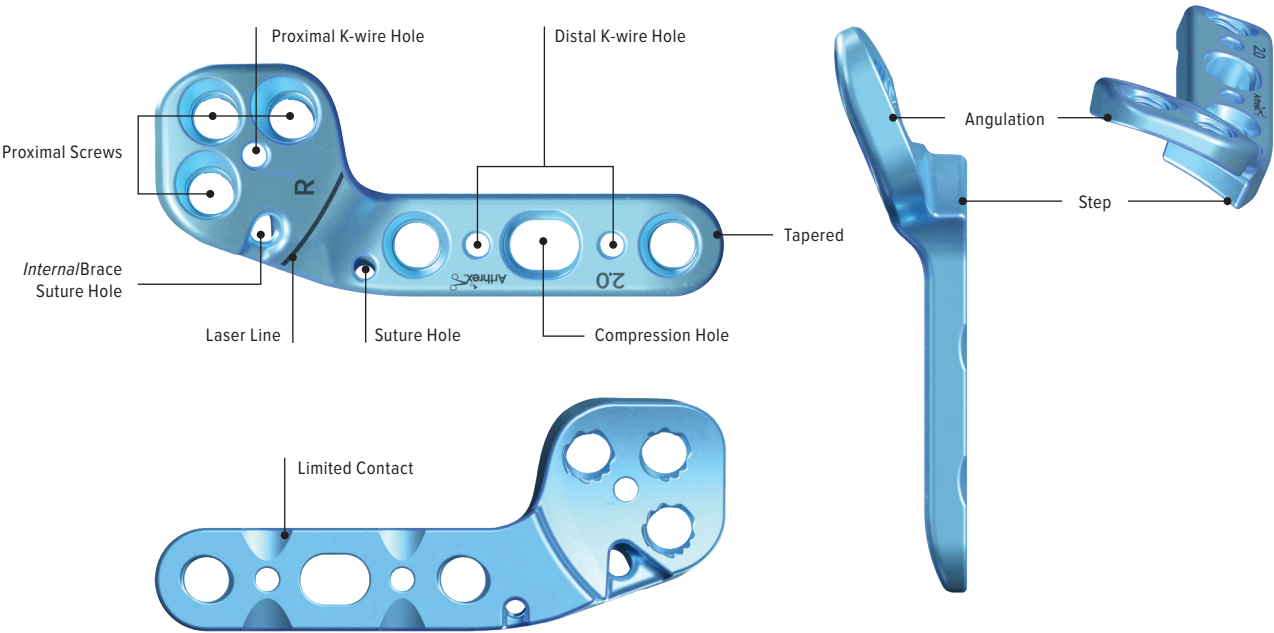
The OrthoLine™ MPL plate system mimics the anatomically designed tibial plateau leveling osteotomy plates, with additional designs and features specifically for medial patella luxation. The size range includes 1.6 mm, 2.0 mm, 2.4 mm, 2.7 mm, 3.0 mm, small 3.5 mm, standard 3.5 mm, and broad 3.5 mm. The design includes a step to offset the fragment from the long bone of the tibia, with the intention of creating medial tibial plateau translation. The smaller sizes, 3.0 mm and below, include a torsional angle. By combining rotation with translation we increase bone contact, needing less translation to achieve the transportation your patient requires. Slight rotation and translation allow for 2-3 mm of tibial tuberosity transportation.

The plates continue to support *Internal/Brace*™ ligament augmentation with the use of the proximal suture hole. Distal suture holes on the cranial aspect of the plate aid in soft-tissue closure. The design includes multiple K-wire holes on the distal aspect. The laser line represents the location of the step and aids in proper positioning. The design features limited contact on the distal aspect and a locking screw distal to the osteotomy, protecting the osteotomy site.

Features and Benefits

- › Step to offset the fragment, including slight torsional rotation on smaller sizes
- › Proximal screw trajectories avoid the joint
- › Distal suture hole to aid in soft-tissue closure
- › Scalloped underside to distribute stress and minimize contact
- › Proximal suture hole to support rotational stability
- › Multiple K-wire holes allow surgeons to choose what is best for the patient
- › Distal locking hole to protect the osteotomy site
- › Laser line represents the location of the step
- › Anatomic plate design with left and right options

Anatomic Design



TPLO Locking Plates

1.6 mm TPLO Locking Plates

TPLO locking plate, left, standard, 1.6 mm	VAR-4116S-L
TPLO locking plate, right, standard, 1.6 mm	VAR-4116S-R

2.0 mm TPLO Locking Plates

TPLO locking plate, left, standard, 2.0 mm	VAR-4120S-L
TPLO locking plate, right, standard, 2.0 mm	VAR-4120S-R

2.4 mm TPLO Locking Plates

TPLO locking plate, left, standard, 2.4 mm	VAR-4124S-L
TPLO locking plate, right, standard, 2.4 mm	VAR-4124S-R

2.7 mm TPLO Locking Plates

TPLO locking plate, left, standard, 2.7 mm	VAR-4027S-L
TPLO locking plate, right, standard, 2.7 mm	VAR-4027S-R

3.0 mm TPLO Locking Plates

TPLO locking plate, left, standard, 3.0 mm	VAR-4130S-L
TPLO locking plate, right, standard, 3.0 mm	VAR-4130S-R

3.5 mm TPLO Locking Plates

TPLO locking plate, left, small, 3.5 mm	VAR-4035SM-L
TPLO locking plate, right, small, 3.5 mm	VAR-4035SM-R
TPLO locking plate, left, standard, 3.5 mm	VAR-4035S-L
TPLO locking plate, right, standard, 3.5 mm	VAR-4035S-R
TPLO locking plate, left, broad, 3.5 mm	VAR-4035B-L
TPLO locking plate, right, broad, 3.5 mm	VAR-4035B-R

4.5 mm TPLO Locking Plates

TPLO locking plate, left, standard, 4.5 mm	VAR-4045S-L
TPLO locking plate, right, standard, 4.5 mm	VAR-4045S-R

MPL Locking Plates

1.6 mm MPL Locking Plates

MPL locking plate, left, titanium, 1.6 mm	VAR-3116MPL-L
MPL locking plate, right, titanium, 1.6 mm	VAR-3116MPL-R

2.0 mm MPL Locking Plates

MPL locking plate, left, titanium, 2.0 mm	VAR-3120MPL-L
MPL locking plate, right, titanium, 2.0 mm	VAR-3120MPL-R

2.4 mm MPL Locking Plates

MPL locking plate, left, titanium, 2.4 mm	VAR-3124MPL-L
MPL locking plate, right, titanium, 2.4 mm	VAR-3124MPL-R

2.7 mm MPL Locking Plates

MPL locking plate, left, stainless steel, 2.7 mm	VAR-3027MPL-L
MPL locking plate, right, stainless steel, 2.7 mm	VAR-3027MPL-R

3.0 mm MPL Locking Plates

MPL locking plate, left, titanium, 3.0 mm	VAR-3130MPL-L
MPL locking plate, right, titanium, 3.0 mm	VAR-3130MPL-R

3.5 mm MPL Locking Plates

MPL locking plate, left, small, stainless steel, 3.5 mm	VAR-3035SMMPL-L
MPL locking plate, right, small, stainless steel, 3.5 mm	VAR-3035SMMPL-R
MPL locking plate, left, standard, stainless steel, 3.5 mm	VAR-3035SMPL-L
MPL locking plate, right, standard, stainless steel, 3.5 mm	VAR-3035SMPL-R
MPL locking plate, left, broad, stainless steel, 3.5 mm	VAR-3035BMPL-L
MPL locking plate, right, broad, stainless steel, 3.5 mm	VAR-3035BMPL-R

Screws

1.6 mm Titanium Low-Profile Screws (Cortical/Variable Angle)

Screws, low profile, cortical, 1.6 mm × 6-20 mm Sizes (mm): 5*, 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 18, 20, 22*, 24*	VAR-8916-05 to -24
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Screws, low profile, variable angle, 1.6 mm × 6-20 mm Sizes (mm): 5*, 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 18, 20, 22*, 24*	VAR-8916V-05 to -24
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2.0 mm Titanium Low-Profile Screws (Cortical/Locking/Variable Angle)

Screws, low profile, cortical, 2.0 mm × 6-30 mm Sizes (mm): 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32*, 34*, 36*, 38*, 40*	VAR-8920-06 to -40
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Screws, low profile, locking, 2.0 mm × 6-30 mm Sizes (mm): 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32*, 34*, 36*, 38*, 40*	VAR-8920L-06 to -40
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Screws, low profile, variable angle, 2.0 mm × 6-30 mm Sizes (mm): 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32*, 34*, 36*, 38*, 40*	VAR-8920V-06 to -40
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2.4 mm Titanium Low-Profile Screws (Cortical/Locking/Variable Angle)

Screws, low profile, cortical, 2.4 mm × 8-30 mm Sizes (mm): 6*, 7*, 8, 9, 10, 11, 12, 13, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32*, 34*, 36*, 38*, 40*	VAR-8924-06 to -40
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Screws, low profile, locking, 2.4 mm × 8-30 mm Sizes (mm): 6*, 7*, 8, 9, 10, 11, 12, 13, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32*, 34*, 36*, 38*, 40*	VAR-8924L-06 to -40
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Screws, low profile, variable angle, 2.4 mm × 8-30 mm Sizes (mm): 6*, 7*, 8, 9, 10, 11, 12, 13, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32*, 34*, 36*, 38*, 40*	VAR-8924V-06 to -40
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2.7 mm Stainless Steel Low-Profile Screws (Cortical/Locking)

Screws, low profile, cortical, 2.7 mm × 10-34 mm Sizes (mm): 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34	VAR-8827-10 to -34
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Screws, low profile, locking, 2.7 mm × 10-34 mm Sizes (mm): 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34	VAR-8827L-10 to -34
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3.0 mm Titanium Low-Profile Screws (Cortical/Locking/Variable Angle)

Screws, low profile, cortical, 3.0 mm × 8-40 mm Sizes (mm): 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42*, 44*, 46*, 48*, 50*, 55*	VAR-8930-08 to -55
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Screws, low profile, locking, 3.0 mm × 8-40 mm Sizes (mm): 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42*, 44*, 46*, 48*, 50*, 55*	VAR-8930L-08 to -55
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Screws, low profile, variable angle, 3.0 mm × 8-40 mm Sizes (mm): 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42*, 44*, 46*, 48*, 50*, 55*	VAR-8930V-08 to -55
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3.0 mm Hybrid Low-Profile Cortical, Locking, Variable-Angle, Titanium

Low-profile hybrid cortical screw, 3.0 mm × 8-65mm 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-8930H-08 to -65
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Low-profile hybrid locking screw, 3.0 mm × 8-65 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-8930HL-08 to -65
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Low-profile hybrid variable angle screw, 3.0 mm × 8-65 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-8930HV-08 to -65
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3.5 mm Stainless Steel Low-Profile Screws (Cortical/Locking)

Screws, low profile, cortical, 3.5 mm × 16-60 mm Sizes (mm): 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60	VAR-8835-16 to -60
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Screws, low profile, locking, 3.5 mm × 16-60 mm Sizes (mm): 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60	VAR-8835L-16 to -60
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3.5 mm Low-Profile Cortical, Locking, Variable-Angle, Stainless Steel		
Screws, low profile, cortical, 3.5 mm × 16-60 mm Sizes: 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-8835-16	to -60
Screws, low profile, locking, 3.5 mm × 16-60 mm Sizes: 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-8835L-16	to -60
Screws, low profile, variable angle, 3.5 mm × 10-65 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, 65 mm	VAR-8835V-10	to -65 mm
4.0 mm Stainless Steel Low-Profile Screws (Locking)		
Screws, low profile, locking, 4.0 mm × 18-60 mm Sizes (mm): 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60	VAR-8840L-18	to -60
4.5 mm Stainless Steel Low-Profile (Cortical/Locking)		
Screws, low profile, locking, 4.5 mm × 24-65 mm Sizes (mm): 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 65	VAR-8845L-24	to -65
Screws, low profile, cortical, 4.5 mm × 24-65 mm Sizes (mm): 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 65	VAR-8845-24	to -65

*These sizes are not included in the screw caddy.

Instruments

Common Instruments for 1.6 mm/2.0 mm/2.4 mm TPLO Plates

TPLO tissue protector, mini	VAR-4000TPM
TPLO caliper	VAR-4000-CAL
Depth measuring device, 1.6 mm/2.0 mm/2.4 mm	VAR-2024DD
Screw-holding forceps	VAR-8941F
Mallet, mini, 17.8 cm	VAR-8826M
Hohmann retractor, low profile	VAR-13210
Wire cutter, 1.57 mm	VAR-8956-10
Drill guide, 1.1 mm	VAR-4016TDG
Drill/depth guide, locking, 1.6 mm	VAR-4016DG
Driver, T6, 1.6 mm/2.0 mm	VAR-4020-01
Screwdriver, T6	VAR-4020-02
Locking-plate holder, 2.0 mm	VAR-4020-03

Instruments for 2.0 mm TPLO Plates

Tap/drill guide, nonlocking, 2.0 mm	VAR-4020TDG
Drill guide, locking, 2.0 mm	VAR-4020DG
Bone tap, 2.0 mm	VAR-4020T
Driver, T6, AO	VAR-4020-01
Screwdriver, T6	VAR-4020-02
Locking-plate holder, 2.0 mm	VAR-4020-03

Instruments for 2.4 mm TPLO Plates

Tap/drill guide, nonlocking, 2.4 mm	VAR-4024TDG
Drill guide, locking, 2.4 mm	VAR-4024DG
Bone tap, 2.4 mm	VAR-4024T
Driver, T8, AO	VAR-4024-01
Screwdriver, T8	VAR-4024-02
Locking-plate holder, 2.4 mm	VAR-4024-03

Instruments for 2.7 mm TPLO Plates

TPLO tissue protector, small	VAR-4000TPSM
TPLO caliper	VAR-4000-CAL
Drill guide, nonlocking, 3.0 mm/2 mm	VAR-8943-31
Drill guide, locking	VAR-8950-07
Depth device, low profile, 2.7 mm/3.5 mm	VAR-8943-15
Driver, T10, AO	VAR-8944DH

Screwdriver, T10	VAR-8943-08
Screw-holding forceps	VAR-8941F
Locking-plate holder, 2.7 mm	VAR-8950-09
Mallet, mini, 17.8 cm	VAR-8826M
Hohmann retractor, low profile	VAR-13210
Wire cutter, 1.57 mm	VAR-8956-10

Instruments for 3.0 mm TPLO Plates

TPLO tissue protector, small	VAR-4000TPSM
TPLO caliper	VAR-4000-CAL
Depth device, low profile, 2.7 mm/3.5 mm	VAR-8943-15
Screwdriver, T10, 2.7 mm/3.0 mm	VAR-8944DH
Screwdriver, T10 hexalobe	VAR-8943-08
Locking-plate holder, 2.7 mm/3.0 mm	VAR-8950-09
Drill/depth guide, locking, 3.0 mm	VAR-4030DG
Drill guide, variable, 3.0 mm	VAR-4030VDG
Tap/drill guide, 3.0 mm/2.3 mm	VAR-4030TDG
Bone tap, 3.0 mm	VAR-4030T
Mallet, mini, 17.8 cm	VAR-8826M
Hohmann retractor, low profile	VAR-13210

Instruments for 3.5 mm TPLO Plates

TPLO tissue protector, small	VAR-4000TPSM
TPLO tissue protector, standard	VAR-4000TPS
TPLO caliper	VAR-4000-CAL
Drill guide, nonlocking, 2.5 mm/3.5 mm	VAR-8943-14
Drill guide, locking, 3.5 mm	VAR-4035DG
Drill guide, locking, 3.5 mm, for cortical screws	VAR-8943-43
Depth device, low profile, 2.7 mm/3.5 mm	VAR-8943-15
Driver, T15, AO	VAR-8941DH
Screwdriver, T15	VAR-8943-10
Screw-holding forceps	VAR-8941F
Locking-plate holder, 3.5 mm	VAR-8954-07
Mallet, mini, 17.8 cm	VAR-8826M
Hohmann retractor, low profile	VAR-13210
Wire cutter, 1.57 mm	VAR-8956-10

Instruments for 4.0 mm Screws With 3.5 mm TPLO Plates

Drill/depth guide, locking, 4.0 mm	VAR-4040DG
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Instruments for 4.5 mm TPLO Plates

TPLO tissue protector, standard	VAR-4000TPS
TPLO caliper	VAR-4000-CAL
Drill guide, nonlocking, 3.0 mm/4.5 mm	VAR-8970-02
Drill guide, locking, 4.5 mm	VAR-4045DG
Drill guide, locking, 4.5 mm, for cortical screws	VAR-8970-01
Depth device, 4.5 mm	VAR-8970-07
Driver, T20, AO	VAR-8970-03
Screwdriver, T20	VAR-8970-04
Screw-holding forceps	VAR-8941F
Locking-plate holder, 4.5 mm	VAR-4045-01
Mallet, mini, 17.8 cm	VAR-8826M
Hohmann retractor, low profile	VAR-13210
Wire cutter, 1.57 mm	VAR-8956-10

All instruments are used for both TPLO and MPL plates.

Disposables and Limited Reusables

Disposables and Limited Reusables for 1.6 mm/2.0 mm/2.4 mm TPLO Plates

Guidewire, trocar tip, 1.14 mm × 150 mm (2.0 mm/2.4 mm/3.0 mm), qty. 6	VAR-8933K
Guidewire, trocar tip, 1.57 mm × 150.0 mm (3.5 mm/4.5 mm), qty. 6	VAR-8941K
Drill bit, solid, AO, 1.1 mm (1.6 mm)	VAR-4016D
Drill bit, solid, short, AO, 1.1 mm (1.6 mm)	VAR-4016SD
Drill bit, solid, AO, 1.5 mm	VAR-4020D
Drill bit, solid, short, AO, 1.5 mm (2.0 mm)	VAR-4024D
Drill bit, solid, AO, 1.8 mm	VAR-4020SD
Drill bit, solid, short, AO, 1.8 mm (2.4 mm)	VAR-4024SD
Osteotome, 2.0 mm	VAR-13203-02
Osteotome, 4.0 mm	VAR-13203-04

Disposables and Limited Reusables for 2.7 mm TPLO Plates

Guidewire, trocar tip, 1.14 mm × 150 mm (2.0 mm/2.4 mm/3.0 mm), qty. 6	VAR-8933K
Guidewire, trocar tip, 1.57 mm × 150 mm (3.5 mm/4.5 mm), qty. 6	VAR-8941K
Guidewire, trocar tip, 2.3 mm × 200 mm, qty. 6	VAR-8967K
Drill bit, 2.0 mm	VAR-8944-22
Osteotome, 5.0 mm	VAR-13203-05

Disposables and Limited Reusables for 3.0 mm TPLO Plates

Guidewire, trocar tip, 2.3 mm × 200 mm, qty. 6	VAR-8967K
Drill bit, solid, AO, 2.3 mm	VAR-4030D
Drill bit, solid, short, AO, 2.3 mm, qty. 6	VAR-4030SD
Guidewire, trocar tip, 1.3 mm × 150 mm (3.5 mm), qty. 6	VAR-8937K
Guidewire, trocar tip, 1.14 mm × 150.0 mm (2.0 mm/2.4 mm/3.0 mm), qty. 6	VAR-8933K
Osteotome, small, 5.0 mm	VAR-13203-05

Disposables and Limited Reusables for 3.5 mm TPLO Plates

Guidewire, trocar tip, 1.14 mm × 150 mm (2.0 mm/2.4 mm/3.0 mm), qty. 6	VAR-8933K
Guidewire, trocar tip, 1.57 mm × 150 mm (3.5 mm/4.5 mm), qty. 6	VAR-8941K
Guidewire, trocar tip, 2.3 mm × 200 mm, qty. 6	VAR-8967K
Guide pin, 3.0 mm	VAR-13303-3.0
Drill bit, long, 2.8 mm	VAR-4035D
Drill bit, short, 2.5 mm	VAR-8943-30
Drill bit, long, 2.5 mm	VAR-8943-42
Osteotome, 5.0 mm	VAR-13203-05

Disposables and Limited Reusables for 4.0 mm Screws With 3.5 mm TPLO Plates

Drill bit, solid, AO, 3.5 mm	VAR-4040D
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Disposables and Limited Reusables for 4.5 mm TPLO Plates

Guidewire, trocar tip, 1.57 mm × 150 mm (3.5 mm/4.5 mm), qty. 6	VAR-8941K
Guidewire, trocar tip, 2.3 mm × 200 mm, qty. 6	VAR-8967K
Guide pin, 3.0 mm	VAR-13303-3.0
Drill bit, calibrated, AO 3.0 mm	VAR-8970-30
Drill bit, calibrated, AO, 3.8 mm	VAR-4045D
Osteotome, 5.0 mm	VAR-13203-05

All disposables and limited reusables are used for TPLO and MPL plates.

TPLO Sets and Cases



Developed with surgeons and staff in mind, the Arthrex TPLO set includes the standard required instruments along with several new instruments specifically designed to help create a more reproducible TPLO procedure.

The case can hold TPLO plates, a drop-in screw caddy with a measuring guide, and instruments, making this tray ideal for housing equipment and implants together, if desired. Customize your ideal TPLO pack using the bottom pin mat, which provides space for other instruments. The case size is factored in for the most common autoclave.

Sets and Cases for 2.0 mm/2.4 mm TPLO Plates

TPLO instrument set, 2.0 mm/2.4 mm	VAR-402024S
TPLO case, with 2.0 mm/2.4 mm screw caddies (a)	VAR-402024C
TPLO screw caddy, 2.0 mm	VAR-4020SC-01
TPLO screw caddy, 2.4 mm	VAR-4024SC-01

Sets and Cases for 2.7 mm TPLO Plates

TPLO instrument set, 2.7 mm	VAR-4027S
TPLO case, with 2.7 mm screw caddy (b)	VAR-4027C
TPLO screw caddy, 2.7 mm	VAR-4027SC-01

Sets and Cases for 3.0 mm TPLO Plates

TPLO instrument set, 3.0 mm	VAR-4030S
TPLO case, with 3.0 mm screw caddy (c)	VAR-4030C
TPLO screw caddy, 3.0 mm	VAR-3030SC-01

Sets and Cases for 3.5 mm TPLO Plates

TPLO instrument set, 3.5 mm	VAR-4035S
TPLO case, with 3.5 mm screw caddy (d)	VAR-4035C
TPLO screw caddy, 3.5 mm	VAR-4035SC-01

Sets and Cases for 4.5 mm TPLO Plates

TPLO instrument set, 4.5 mm	VAR-4045S
TPLO case, with 4.5 mm screw caddy (e)	VAR-4045C
TPLO screw caddy, 4.5 mm	VAR-4045SC-01

Reference Charts

TPLO Weight Chart



TPLO Plate System – Weight Reference Chart

	1-4 kg	3-7 kg	8-12 kg	13-17 kg	15-20 kg	18-25 kg	26-39 kg	40-55 kg	56+ kg	
<i>Internal/Brace™</i> Anchors	TPLO Plate Sizes									<i>Internal/Brace</i> Sutures
2.5 mm PushLock® anchor	1.6 mm									#2 FiberWire® suture SutureTape suture, 1.3 mm
2.4 mm/2.5 mm PushLock anchor	2.0 mm									SutureTape suture, 1.3 mm
2.5 mm/2.9 mm PushLock anchor	2.4 mm									SutureTape suture, 1.3 mm
3.5 mm SwiveLock® anchor	2.7 mm									LabralTape™ suture, 1.5 mm FiberTape® suture, 2.0 mm
3.5 mm/4.75 mm SwiveLock anchor	3.0 mm									LabralTape suture, 1.5 mm FiberTape suture, 2.0 mm
3.5 mm/4.75 mm SwiveLock anchor	3.5 mm, small									LabralTape suture, 1.5 mm FiberTape suture, 2.0 mm
4.75 mm SwiveLock anchor	3.5 mm, standard									FiberTape suture, 2.0 mm
4.75 mm/5.5 mm SwiveLock anchor	3.5 mm, broad									FiberTape suture, 2.0 mm
5.5 mm SwiveLock anchor	4.5 mm									FiberTape suture, 2.0 mm

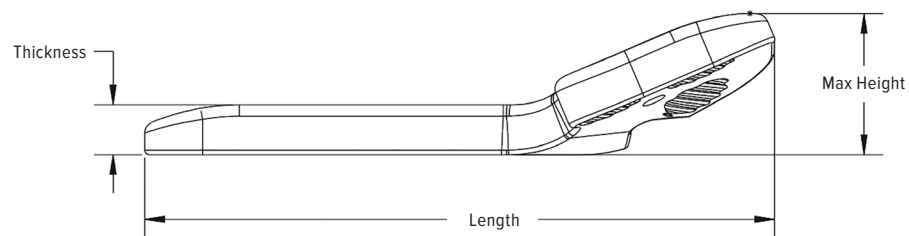
TPLO Rotation Guide – Correct TP to 3°

TPA	Desired Post-op Angle	Correction Angle	Saw Blade Radius (mm)									
			8	10	12	15	18	21	24	27	30	33
15	3°	12°	1.67	2.09	2.51	3.14	3.76	4.39	5.02	5.64	6.27	6.9
16	3°	13°	1.81	2.26	2.72	3.40	4.08	4.75	5.43	6.11	6.79	7.47
17	3°	14°	1.95	2.44	2.92	3.66	4.39	5.12	5.85	6.58	7.31	8.04
18	3°	15°	2.09	2.61	3.13	3.92	4.70	5.48	6.27	7.05	7.83	8.61
19	3°	16°	2.23	2.78	3.34	4.18	5.01	5.85	6.68	7.52	8.35	9.19
20	3°	17°	2.36	2.96	3.55	4.43	5.32	6.21	7.09	7.98	8.87	9.76
21	3°	18°	2.50	3.13	3.75	4.69	5.63	6.57	7.51	8.45	9.39	10.32
22	3°	19°	2.64	3.30	3.96	4.95	5.94	6.93	7.92	8.91	9.90	10.89
23	3°	20°	2.78	3.47	4.17	5.21	6.25	7.29	8.34	9.38	10.42	11.46
24	3°	21°	2.92	3.64	4.37	5.47	6.56	7.65	8.75	9.84	10.93	12.03
25	3°	22°	3.05	3.82	4.58	5.72	6.87	8.01	9.16	10.30	11.45	12.59
26	3°	23°	3.19	3.99	4.78	5.98	7.18	8.37	9.57	10.77	11.96	13.16
27	3°	24°	3.33	4.16	4.99	6.24	7.48	8.73	9.98	11.23	12.47	13.72
28	3°	25°	3.46	4.33	5.19	6.49	7.79	9.09	10.39	11.69	12.99	14.29
29	3°	26°	3.60	4.50	5.40	6.75	8.10	9.45	10.80	12.15	13.50	14.85
30	3°	27°	3.74	4.67	5.60	7.00	8.40	9.80	11.21	12.61	14.01	15.41
31	3°	28°	3.87	4.84	5.81	7.26	8.71	10.13	11.61	13.06	14.52	15.97
32	3°	29°	4.01	5.01	6.01	7.51	9.01	10.52	12.02	13.52	15.02	16.53
33	3°	30°	4.14	5.18	6.21	7.76	9.32	10.87	12.42	13.98	15.53	17.08
34	3°	31°	4.28	5.34	6.41	8.02	9.62	11.22	12.83	14.43	16.03	17.64
35	3°	32°	4.41	5.51	6.62	8.27	9.92	11.58	13.23	14.88	16.54	18.19
36	3°	33°	4.54	5.68	6.82	8.52	10.22	11.93	13.63	15.34	17.04	18.75
37	3°	34°	4.68	5.85	7.02	8.77	10.53	12.28	14.03	15.79	17.54	19.3
38	3°	35°	4.81	6.01	7.22	9.02	10.83	12.63	14.43	16.24	18.04	19.85
39	3°	36°	4.94	6.18	7.42	9.27	11.12	12.98	14.83	16.69	18.54	20.4
40	3°	37°	5.08	6.35	7.62	9.52	11.42	13.33	15.23	17.13	19.04	20.94
41	3°	38°	5.21	6.51	7.81	9.77	11.72	13.67	15.63	17.58	19.53	21.49
42	3°	39°	5.34	6.68	8.01	10.01	12.02	14.02	16.02	18.03	20.03	22.03

OrthoLine™ TPLO Plates Size Chart

	Product Image	Item Number	Length (mm)	Thickness (mm)	Max Height (mm)
TPLO Plate, Ti, 1.6 mm		VAR-4116S-L	24.6	1.9	6.1
		VAR-4116S-R			
TPLO Plate, Ti, 2.0 mm		VAR-4120S-L	29.0	2.3	6.1
		VAR-4120S-R			
TPLO Plate, Ti, 2.4 mm		VAR-4124S-L	35.4	2.7	7.8
		VAR-4124S-R			
TPLO Plate, SS, 2.7 mm		VAR-4027S-L	43.4	2.9	8.3
		VAR-4027S-R			
TPLO Plate, Ti, 3.0 mm		VAR-4130S-L	48.8	3.3	8.3
		VAR-4130S-R			

	Product Image	Item Number	Length (mm)	Thickness (mm)	Max Height (mm)
TPLO Plate, SS, Small, 3.5 mm		VAR-4035SM-L	53.5	3.7	9.7
		VAR-4035SM-R			
TPLO Plate, SS, Standard, 3.5 mm		VAR-4035S-L	62.4	3.7	10.7
		VAR-4035S-R			
TPLO Plate, SS, Broad, 3.5 mm		VAR-4035B-L	76.6	3.7	11.6
		VAR-4035B-R			
TPLO Plate, SS, 4.5 mm		VAR-4045S-L	89.2	3.7	12.2
		VAR-4045S-R			



MPL Weight Chart



Plate Step and Angle Chart

Item Number	Description	Plate Size	Step	Torsional Angle	K-wire Sizes
VAR-3116MPL-L	MPL Plate, titanium, left	1.6 mm	1.4 mm	10°	0.86 mm
VAR-3116MPL-R	MPL Plate, titanium, right	1.6 mm	1.4 mm	10°	0.86 mm
VAR-3120MPL-L	MPL Plate, titanium, left	2.0 mm	2.0 mm	10°	1.14 mm
VAR-3120MPL-R	MPL Plate, titanium, right	2.0 mm	2.0 mm	10°	1.14 mm
VAR-3124MPL-L	MPL Plate, titanium, left	2.4 mm	2.4 mm	10°	1.14 mm
VAR-3124MPL-R	MPL Plate, titanium, right	2.4 mm	2.4 mm	10°	1.14 mm
VAR-3027MPL-L	MPL Plate, stainless steel, left	2.7 mm	2.7 mm	10°	1.14 mm
VAR-3027MPL-R	MPL Plate, stainless steel, right	2.7 mm	2.7 mm	10°	1.14 mm
VAR-3130MPL-L	MPL Plate, titanium, left	3.0 mm	3.0 mm	5°	1.14 mm
VAR-3130MPL-R	MPL Plate, titanium, right	3.0 mm	3.0 mm	5°	1.14 mm
VAR-3035SMMPL-L (small)	MPL Plate, stainless steel, left	3.5 mm	3.75 mm	0°	1.57 mm
VAR-3035SMMPL-R (small)	MPL Plate, stainless steel, right	3.5 mm	3.75 mm	0°	1.57 mm
VAR-3035SMPL-L (standard)	MPL Plate, stainless steel, left	3.5 mm	4.0 mm	0°	1.57 mm
VAR-3035SMPL-R (standard)	MPL Plate, stainless steel, right	3.5 mm	4.0 mm	0°	1.57 mm
VAR-3035BMPL-L (broad)	MPL Plate, stainless steel, left	3.5 mm	4.5 mm	0°	1.57 mm
VAR-3035BMPL-R (broad)	MPL Plate, stainless steel, right	3.5 mm	4.5 mm	0°	1.57 mm

Suture Reference Chart: MPL Plates

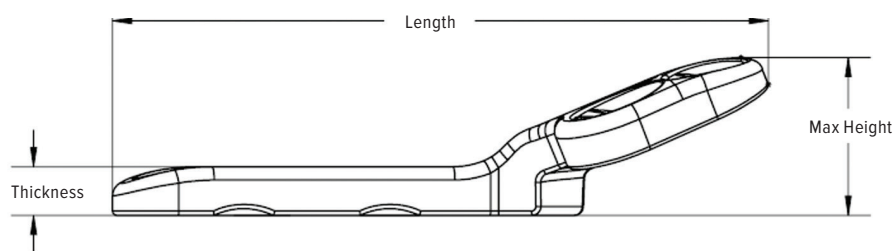


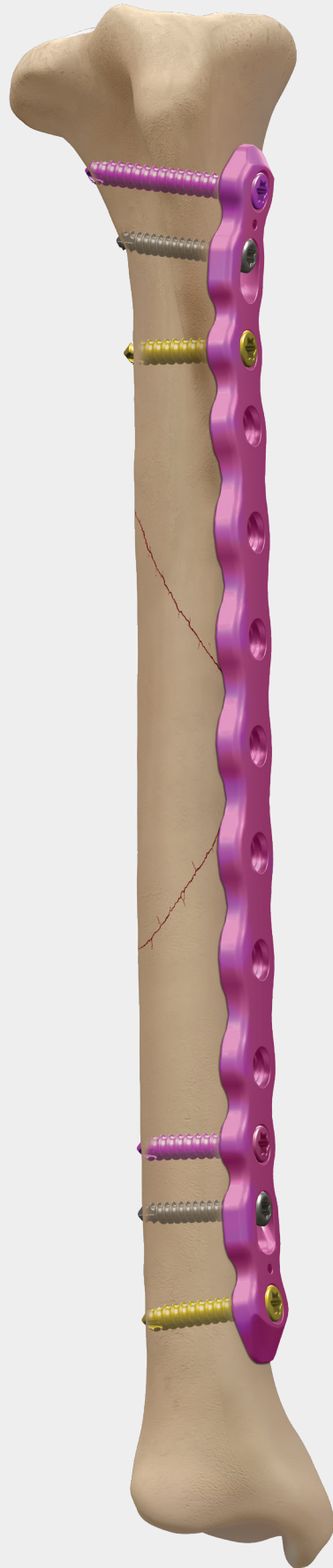
Product Image	Plate Size	VetSuture	Product Description
	1.6 mm	VAR-R316	Polydioxanone 3-0, SH, TP, ½ C
	2.0 mm	VAR-R317	Polydioxanone 2-0, SH, TP, ½ C
		VAR-J8665	Polypropylene 3-0, FS-2, Rev Ctg, 38 C
	2.4 mm	VAR-R334	Polydioxanone 0, CT-2, TP, ½ C
	2.7 mm	VAR-R340	Polydioxanone 0, CT-1, TP, ½ C
		VAR-R467	Polydioxanone 0, CP-1, Rev Ctg, ½ C
	3.0 mm		
	3.5 mm		
		VAR-R468	Polydioxanone 1, CP-1, Rev Ctg, ½ C
	3.5 mm		
	3.5 mm		

OrthoLine™ MPL Plates Size Chart

	Product Image	Item Number	Length (mm)	Thickness (mm)	Max Height (mm)
MPL Plate, Ti, 1.6 mm		VAR-3116MPL-L	25.6	1.9	6.3
		VAR-3116MPL-R			
MPL Plate, Ti, 2.0 mm		VAR-3120MPL-L	31.3	2.3	7.1
		VAR-3120MPL-R			
MPL Plate, Ti, 2.4 mm		VAR-3124MPL-L	37.7	2.7	9.0
		VAR-3124MPL-R			
MPL Plate, SS, 2.7 mm		VAR-3027MPL-L	43.9	2.9	9.6
		VAR-3027MPL-R			
MPL Plate, Ti, 3.0 mm		VAR-3130MPL-L	48.8	3.3	10.3
		VAR-3130MPL-R			

	Product Image	Item Number	Length (mm)	Thickness (mm)	Max Height (mm)
MPL Plate, SS, Small, 3.5 mm		VAR-3035SMMPL-L	56.1	3.7	13.4
		VAR-3035SMMPL-R			
MPL Plate, SS, Standard, 3.5 mm		VAR-3035SMPL-L	62.9	3.7	14.5
		VAR-3035SMPL-R			
MPL Plate, SS, Broad, 3.5 mm		VAR-3035BMPL-L	78.6	3.7	16.1
		VAR-3035BMPL-R			

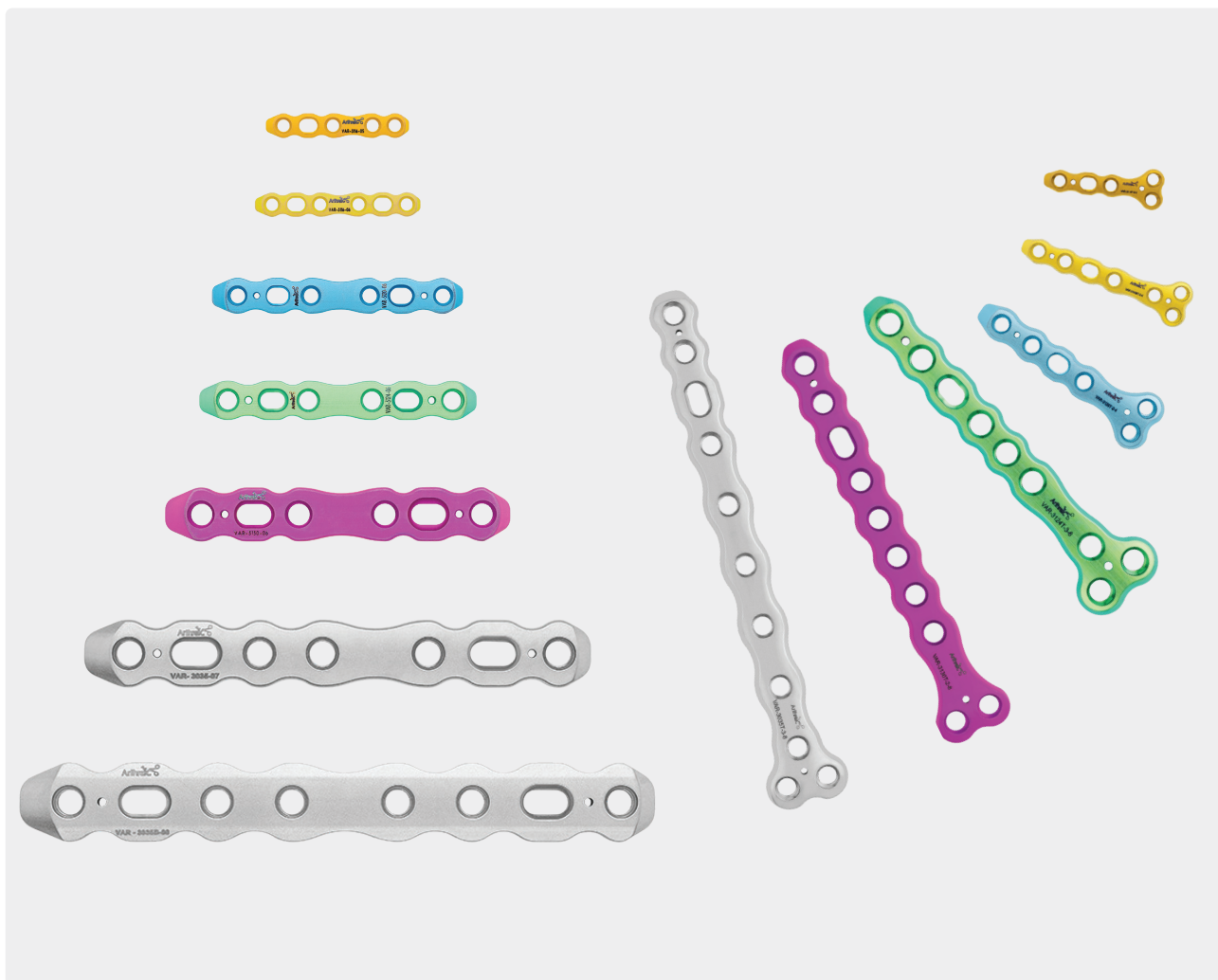




OrthoLine™ Fracture Management System

24	Straight Plates and T-Plates
28	Bridge Plates
30	Cuttable Plates
32	Distal Humeral Plates
35	Distal Femoral Osteotomy Plates
37	Distal Femur Fracture Plates
39	Proximal Femoral Plates
41	Radial Fracture Plates
43	Iliac Fracture Plates
45	Acetabular Fracture Plates
50	OrthoLine™ Cases and Caddies
51	OrthoLine™ Fracture Reduction System
52	OrthoLine™ System Weight Reference Charts
57	Screw and Drill Bit Reference Charts
60	OrthoLine™ System Fracture Plate Sizing Charts
78	Reference Charts

Straight Plates and T-Plates



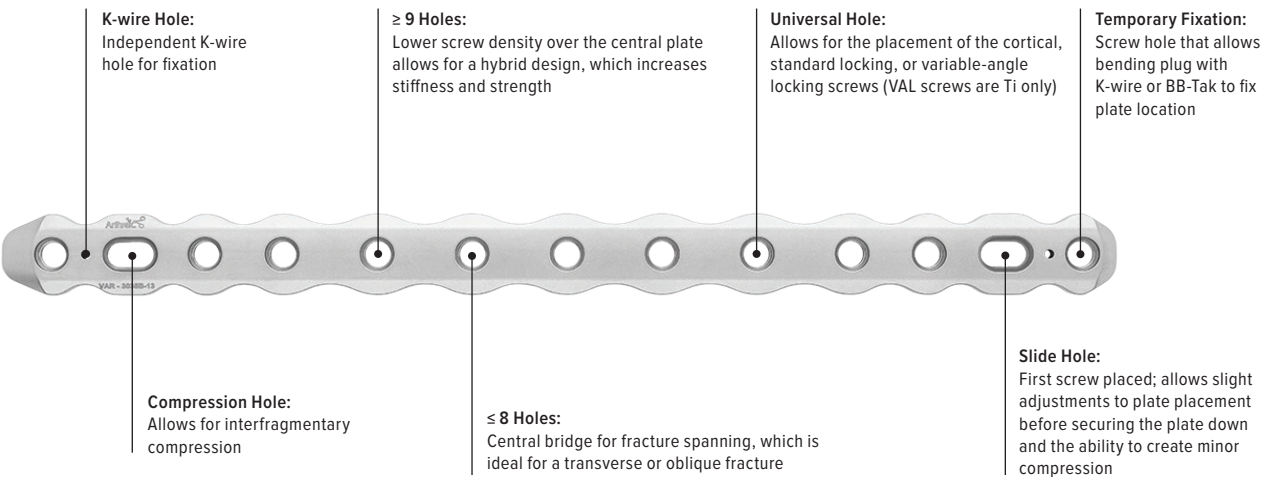
A considerable upgrade from a standard straight and T-plate design, the 70-piece Ortholine™ plating system product line enables fracture repair for a wide range of canine and feline patients. Unique screw hole spacing, oblong sliding, and compression slots allow for optimal plate positioning.

Development, research, and surgeon feedback converged 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 is available in 1.6 mm, 2.0 mm, 2.4 mm, 3.0 mm, 3.5 mm, and broad 3.5 mm, in a variety of lengths, allowing fracture repair on the widest range of patient sizes.

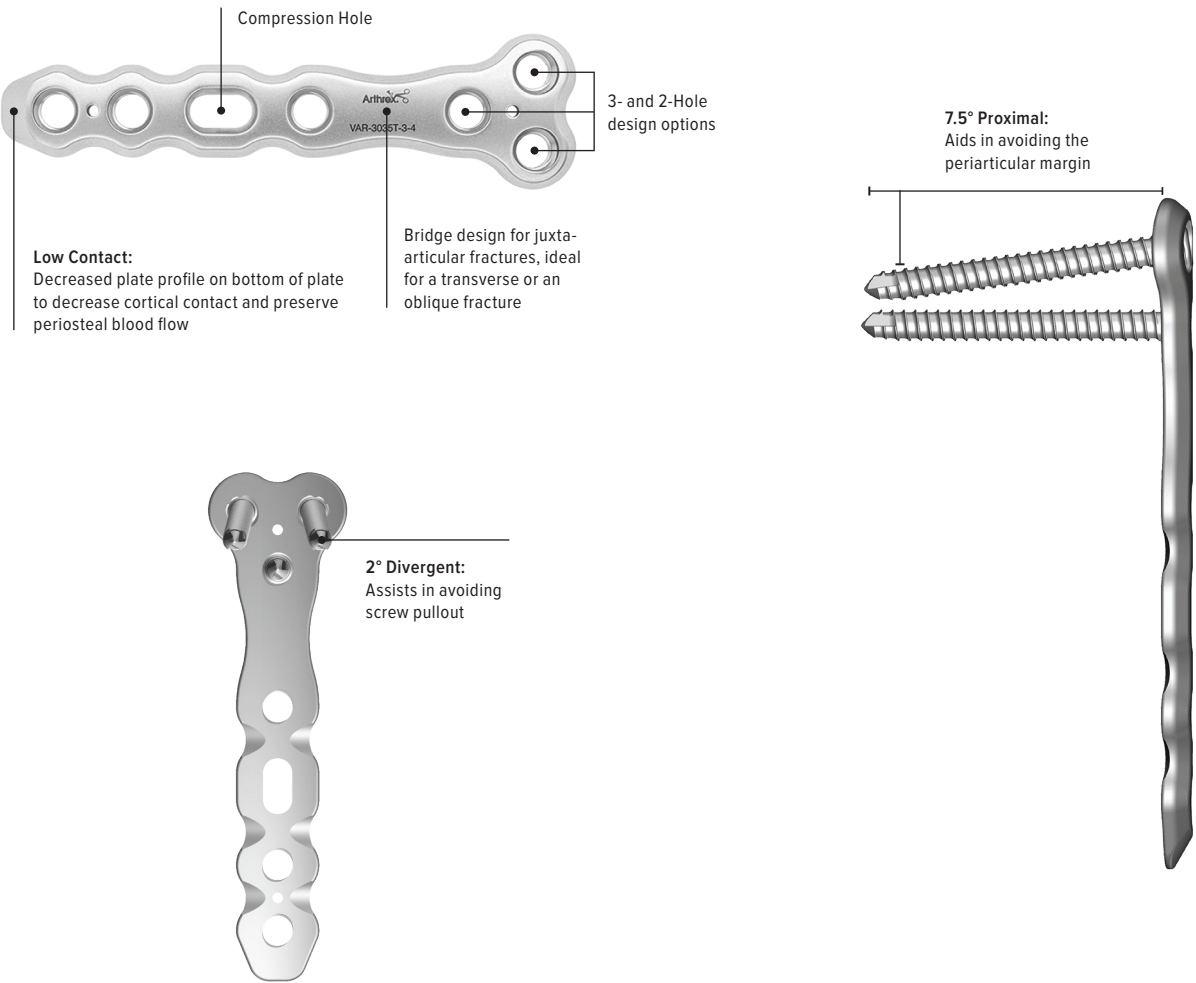
Features and Benefits

- › High screw density where needed
- › Slide and compression holes
- › Strong plate for bridging
- › Low plate contact and low-profile design
- › Color-coded for easier identification
- › K-wire holes
- › Cortical/locking/variable-angle locking screws
- › Indicated for sizes from small cats to large dogs

Anatomic Design: Straight Plate



Anatomic Design: T-Plate



OrthoLine™ Straight Plates and T-Plates

1.6 mm OrthoLine Straight Plates (Bronze)

Straight plate, 5 hole, 1.6 mm, titanium	VAR-3116-05
Straight plate, 6 hole, 1.6 mm, titanium	VAR-3116-06
Straight plate, 7 hole, 1.6 mm, titanium	VAR-3116-07

1.6 mm OrthoLine Straight Broad Plates (Gold)

Straight plate, broad, 5 hole, 1.6 mm, titanium	VAR-3116B-05
Straight plate, broad, 6 hole, 1.6 mm, titanium	VAR-3116B-06
Straight plate, broad, 7 hole, 1.6 mm, titanium	VAR-3116B-07
Straight plate, broad, 8 hole, 1.6 mm, titanium	VAR-3116B-08
Straight plate, broad, 9 hole, 1.6 mm, titanium	VAR-3116B-09
Straight plate, broad, 10 hole, 1.6 mm, titanium	VAR-3116B-10

1.6 mm OrthoLine T-Plates (Bronze)

T-plate, broad, 2 hole/3 hole, 1.6 mm, titanium	VAR-3116T-2-3
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1.6 mm OrthoLine T-Plates Broad (Gold)

T-plate, 2-hole/3-hole, 1.6 mm, titanium	VAR-3116BT-2-3
T-plate broad, 3-hole/4-hole, 1.6 mm, titanium	VAR-3116BT-3-4

2.0 mm OrthoLine Straight Plates (Blue)

Straight plate, 6-hole, 2.0 mm, titanium	VAR-3120-06
Straight plate, 7-hole, 2.0 mm, titanium	VAR-3120-07
Straight plate, 8-hole, 2.0 mm, titanium	VAR-3120-08
Straight plate, 9-hole, 2.0 mm, titanium	VAR-3120-09
Straight plate, 10-hole, 2.0 mm, titanium	VAR-3120-10
Straight plate, 11-hole, 2.0 mm, titanium	VAR-3120-11
Straight plate, 12-hole, 2.0 mm, titanium	VAR-3120-12
Straight plate, 13-hole, 2.0 mm, titanium	VAR-3120-13
Straight plate, 14-hole, 2.0 mm, titanium	VAR-3120-14
Straight plate, 15-hole, 2.0 mm, titanium	VAR-3120-15

2.0 mm OrthoLine T-Plates (Blue)

T-plate, 2-hole/4-hole, 2.0 mm, titanium	VAR-3120T-2-4
T-plate, 3-hole/4-hole, 2.0 mm, titanium	VAR-3120T-3-4
T-plate, 2-hole/6-hole, 2.0 mm, titanium	VAR-3120T-2-6
T-plate, 3-hole/6-hole, 2.0 mm, titanium	VAR-3120T-3-6

2.4 mm OrthoLine Straight Plates (Green)

Straight plate, 6-hole, 2.4 mm, titanium	VAR-3124-06
Straight plate, 7-hole, 2.4 mm, titanium	VAR-3124-07
Straight plate, 8-hole, 2.4 mm, titanium	VAR-3124-08
Straight plate, 9-hole, 2.4 mm, titanium	VAR-3124-09
Straight plate, 10-hole, 2.4 mm, titanium	VAR-3124-10
Straight plate, 11-hole, 2.4 mm, titanium	VAR-3124-11
Straight plate, 12-hole, 2.4 mm, titanium	VAR-3124-12
Straight plate, 13-hole, 2.4 mm, titanium	VAR-3124-13
Straight plate, 14-hole, 2.4 mm, titanium	VAR-3124-14
Straight plate, 15-hole, 2.4 mm, titanium	VAR-3124-15

2.4 mm OrthoLine T-Plates (Green)

T-plate, 2-hole/4-hole, 2.4 mm, titanium	VAR-3124T-2-4
T-plate, 3-hole/4-hole, 2.4 mm, titanium	VAR-3124T-3-4
T-plate, 2-hole/6-hole, 2.4 mm, titanium	VAR-3124T-2-6
T-plate, 3-hole/4-hole, 2.4 mm, titanium	VAR-3124T-3-6

3.0 mm OrthoLine Straight Plates (Purple)

Straight plate, 6-hole, 3.0 mm, titanium	VAR-3130-06
Straight plate, 7-hole, 3.0 mm, titanium	VAR-3130-07
Straight plate, 8-hole, 3.0 mm, titanium	VAR-3130-08
Straight plate, 9-hole, 3.0 mm, titanium	VAR-3130-09
Straight plate, 10-hole, 3.0 mm, titanium	VAR-3130-10
Straight plate, 11-hole, 3.0 mm, titanium	VAR-3130-11
Straight plate, 12-hole, 3.0 mm, titanium	VAR-3130-12
Straight plate, 13-hole, 3.0 mm, titanium	VAR-3130-13
Straight plate, 14-hole, 3.0 mm, titanium	VAR-3130-14
Straight plate, 15-hole, 3.0 mm, titanium	VAR-3130-15
Straight plate, 16-hole, 3.0 mm, titanium	VAR-3130-16
Straight plate, 17-hole, 3.0 mm, titanium	VAR-3130-17
Straight plate, 18-hole, 3.0 mm, titanium	VAR-3130-18
Straight plate, 19-hole, 3.0 mm, titanium	VAR-3130-19
Straight plate, 20-hole, 3.0 mm, titanium	VAR-3130-20
Straight plate, 21-hole, 3.0 mm, titanium	VAR-3130-21
Straight plate, 22-hole, 3.0 mm, titanium	VAR-3130-22

3.0 mm OrthoLine T-Plates (Purple)

T-plate, 2-hole/4-hole, 3.0 mm, titanium	VAR-3130T-2-4
T-plate, 3-hole/4-hole, 3.0 mm, titanium	VAR-3130T-3-4
T-plate, 2-hole/6-hole, 3.0 mm, titanium	VAR-3130T-2-6
T-plate, 2-hole/8-hole, 3.0 mm, titanium	VAR-3130T-2-8
T-plate, 3-hole/6-hole, 3.0 mm, titanium	VAR-3130T-3-6
T-plate, 3-hole/8-hole, 3.0 mm, titanium	VAR-3130T-3-8
T-plate, 3-hole/13-hole, 3.0 mm, titanium	VAR-3130T-3-13

3.5 mm OrthoLine Straight Plates (Matte)	
Straight plate, 6-hole, 3.5 mm, stainless steel	VAR-3035-06
Straight plate, 7-hole, 3.5 mm, stainless steel	VAR-3035-07
Straight plate, 8-hole, 3.5 mm, stainless steel	VAR-3035-08
Straight plate, 9-hole, 3.5 mm, stainless steel	VAR-3035-09
Straight plate, 10-hole, 3.5 mm, stainless steel	VAR-3035-10
Straight plate, 11-hole, 3.5 mm, stainless steel	VAR-3035-11
Straight plate, 12-hole, 3.5 mm, stainless steel	VAR-3035-12
Straight plate, 13-hole, 3.5 mm, stainless steel	VAR-3035-13
Straight plate, 14-hole, 3.5 mm, stainless steel	VAR-3035-14
Straight plate, 15-hole, 3.5 mm, stainless steel	VAR-3035-15
Straight plate, 16-hole, 3.5 mm, stainless steel	VAR-3035-16
Straight plate, 17-hole, 3.5 mm, stainless steel	VAR-3035-17
Straight plate, 18-hole, 3.5 mm, stainless steel	VAR-3035-18
Straight plate, 19-hole, 3.5 mm, stainless steel	VAR-3035-19
Straight plate, 20-hole, 3.5 mm, stainless steel	VAR-3035-20

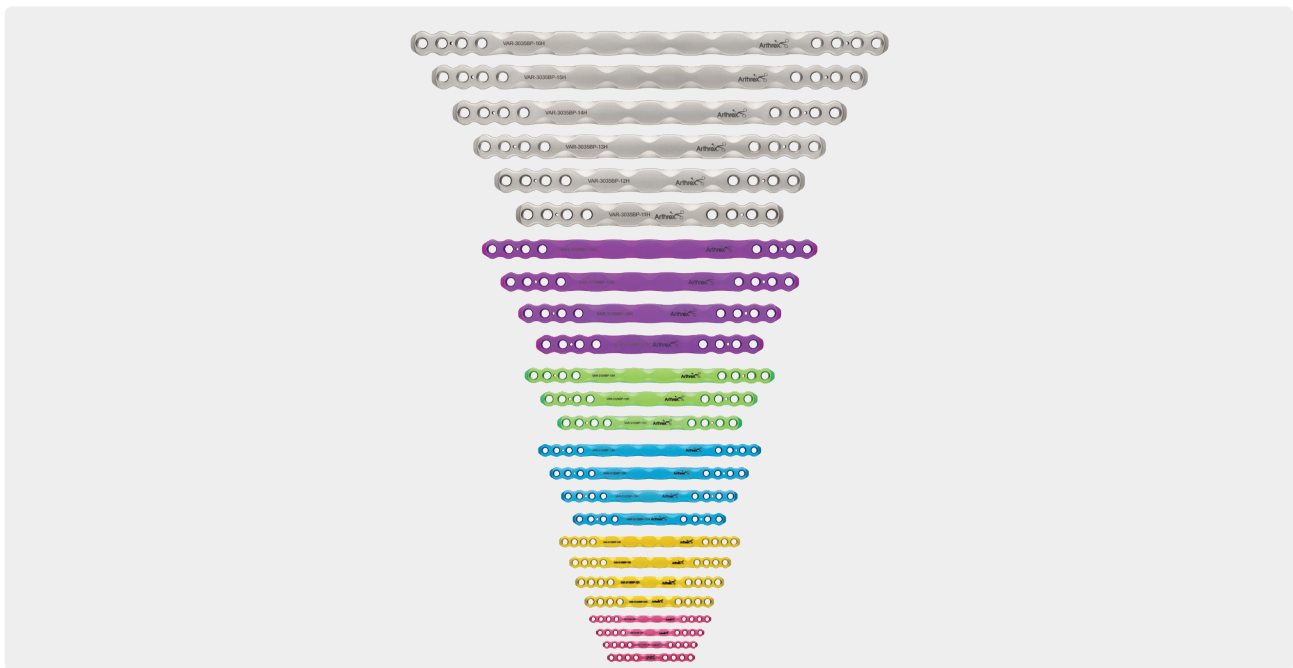
3.5 mm OrthoLine T-Plates (Matte)

T-plate, 2-hole/4-hole, 3.5 mm, stainless steel	VAR-3035T-2-4
T-plate, 3-hole/4-hole, 3.5 mm, stainless steel	VAR-3035T-3-4
T-plate, 2-hole/6-hole, 3.5 mm, stainless steel	VAR-3035T-2-6
T-plate, 2-hole/8-hole, 3.5 mm, stainless steel	VAR-3035T-2-8
T-plate, 3-hole/6-hole, 3.5 mm, stainless steel	VAR-3035T-3-6
T-plate, 3-hole/8-hole, 3.5 mm, stainless steel	VAR-3035T-3-8
T-plate, 3-hole/12-hole, 3.5 mm, stainless steel	VAR-3035T-3-12

3.5 mm OrthoLine Straight Broad Plates (Matte)

Straight plate broad, 8-hole, 3.5 mm, stainless steel	VAR-3035B-08
Straight plate broad, 9-hole, 3.5 mm, stainless steel	VAR-3035B-09
Straight plate broad, 10-hole, 3.5 mm, stainless steel	VAR-3035B-10
Straight plate broad, 11-hole, 3.5 mm, stainless steel	VAR-3035B-11
Straight plate broad, 12-hole, 3.5 mm, stainless steel	VAR-3035B-12
Straight plate broad, 13-hole, 3.5 mm, stainless steel	VAR-3035B-13
Straight plate broad, 14-hole, 3.5 mm, stainless steel	VAR-3035B-14
Straight plate broad, 15-hole, 3.5 mm, stainless steel	VAR-3035B-15
Straight plate broad, 16-hole, 3.5 mm, stainless steel	VAR-3035B-16
Straight plate broad, 17-hole, 3.5 mm, stainless steel	VAR-3035B-17
Straight plate broad, 18-hole, 3.5 mm, stainless steel	VAR-3035B-18
Straight plate broad, 19-hole, 3.5 mm, stainless steel	VAR-3035B-19
Straight plate broad, 20-hole, 3.5 mm, stainless steel	VAR-3035B-20

Bridge Plates

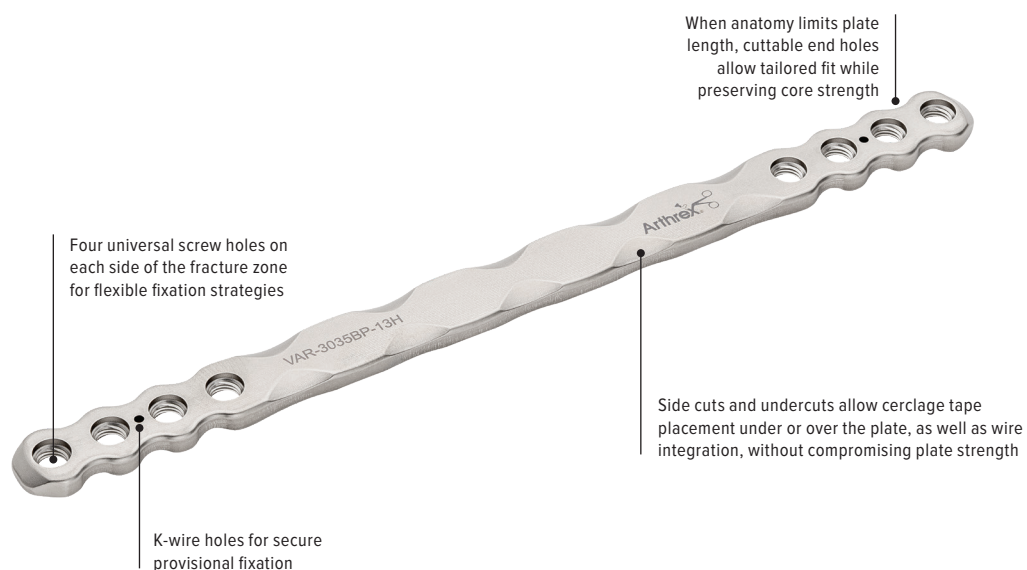


With the addition of the bridge plates, the OrthoLine™ system now delivers a complete plating portfolio for both routine and complex fractures. Surgeons benefit from seamless compatibility with existing instruments while expanding their options for challenging cases. This added versatility helps support successful patient outcomes and gives surgeons greater confidence when choosing the OrthoLine system. Bridge plates are typically used for nonreducible and complex fractures to help provide fracture stability.

Features and Benefits

- › Low-profile design for minimal prominence
- › K-wire holes for provisional fixation
- › Four locking screws on each end for secure stability
- › Customizable length; holes can be cut when length becomes a factor
- › Designed to accommodate FiberTape cerclage as an adjunctive support

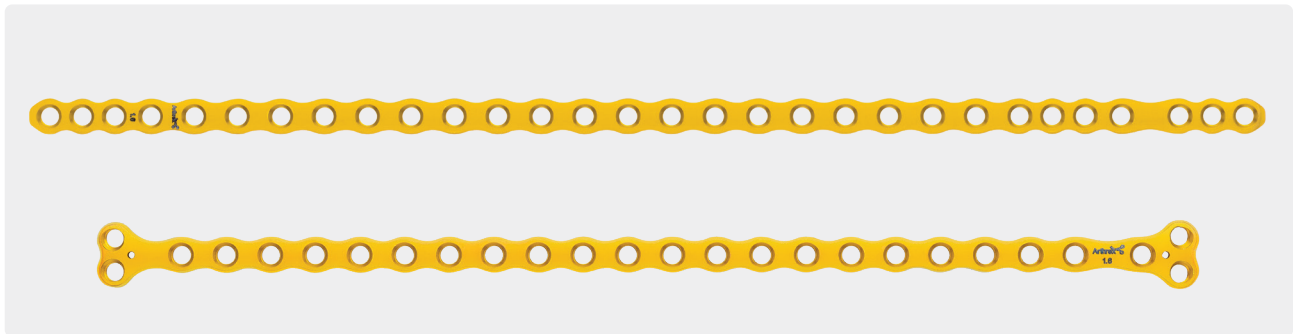
Anatomic Design: Bridge Plate



1.4 mm Bridge Plates (Rose)		
Bridge plate, titanium, 1.4 mm , 42 mm, 14 mm bridge		VAR-3114BP-10H
Bridge plate, titanium, 1.4 mm, 49 mm, 21mm bridge		VAR-3114BP-11H
Bridge plate, titanium, 1.4 mm, 56 mm, 28 mm bridge		VAR-3114BP-12H
Bridge plate, titanium, 1.4 mm, 63 mm, 35 mm bridge		VAR-3114BP-13H
1.6 mm Bridge Plates (Gold)		
Bridge plate, broad, titanium, 1.6 mm, 60 mm, 27 mm bridge		VAR-3116BBP-11H
Bridge plate, broad, titanium, 1.6 mm, 69 mm, 36 mm bridge		VAR-3116BBP-12H
Bridge plate, broad, titanium, 1.6 mm, 78 mm, 45 mm bridge		VAR-3116BBP-13H
Bridge plate, broad, titanium, 1.6 mm, 87 mm, 54 mm bridge		VAR-3116BBP-14H
2.0 mm Bridge Plates (Blue)		
Bridge plate, titanium, 2.0 mm, 74 mm, 33 mm bridge		AR-3120BP-11H
Bridge plate, titanium, 2.0 mm, 85 mm, 44 mm bridge		VAR-3120BP-12H
Bridge plate, titanium, 2.0 mm, 96 mm, 55 mm bridge		VAR-3120BP-13H
Bridge plate, titanium, 2.0 mm, 107 mm, 66 mm bridge		VAR-3120BP-14H
2.4 mm Bridge Plates (Green)		
Bridge plate, titanium, 2.4 mm, 92 mm, 42 mm bridge		VAR-3124BP-11H
Bridge plate, titanium, 2.4 mm, 106 mm, 56 mm bridge		VAR-3124BP-12H
Bridge plate, titanium, 2.4 mm, 120 mm, 70 mm bridge		VAR-3124BP-13H
3.0 mm Bridge Plates (Purple)		
Bridge plate, titanium, 3.0 mm, 109 mm, 51 mm bridge		VAR-3130BP-11H
Bridge plate, titanium, 3.0 mm, 126 mm, 68 mm bridge		VAR-3130BP-12H
Bridge plate, titanium, 3.0 mm, 143 mm, 85 mm bridge		VAR-3130BP-13H
Bridge plate, titanium, 3.0 mm, 160 mm, 102 mm bridge		VAR-3130BP-14H
3.5 mm Bridge Plates (Stainless Steel)		
Bridge plate, titanium, 3.5 mm, 129 mm, 60 mm bridge		VAR-3035BP-11H
Bridge plate, titanium, 3.5 mm, 149 mm, 80 mm bridge		VAR-3035BP-12H
Bridge plate, titanium, 3.5 mm, 169 mm, 100 mm bridge		VAR-3035BP-13H
Bridge plate, titanium, 3.5 mm, 189 mm, 120 mm bridge		VAR-3035BP-14H
Bridge plate, titanium, 3.5 mm, 209 mm, 140 mm bridge		VAR-3035BP-15H
Bridge plate, titanium, 3.5 mm, 229 mm, 160 mm bridge		VAR-3035BP-16H



Cuttable Plates



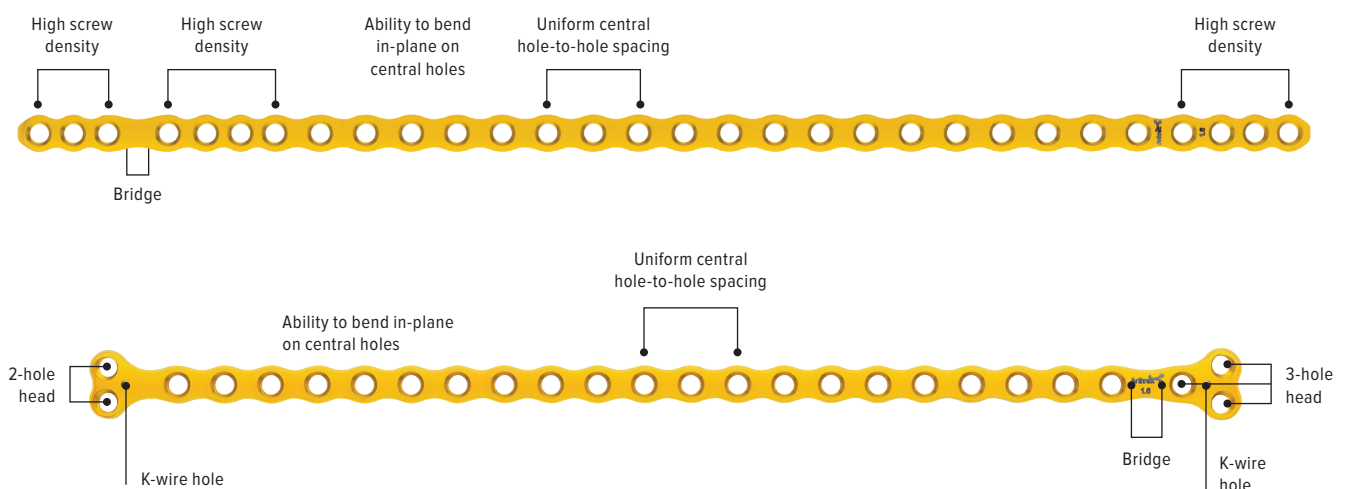
The cuttable straight plates are designed to offer multiple options and applications for veterinary orthopedic surgery. Each plate features three tight hole-to-hole spacings on either end, followed by a bridge on one side and a transition hole. Additionally, there is another set of three tight hole-to-hole spacings on the side with the bridge. The central hole spacing is larger, allowing for in-plane bending of approximately 7°-8° before deformation of the screw hole occurs. This design provides flexibility and precision in various surgical scenarios.

The cuttable T-plates are designed to be placed in a juxta-articular fashion and cut to size. The design features a 3-hole T on one side and a 2-hole T on the opposite side, following a bridge design with uniform hole-to-hole spacing throughout centrally. The central hole spacing allows for in-plane bending of approximately 7°-8°. This design ensures adaptability and precise placement in complex orthopedic procedures.

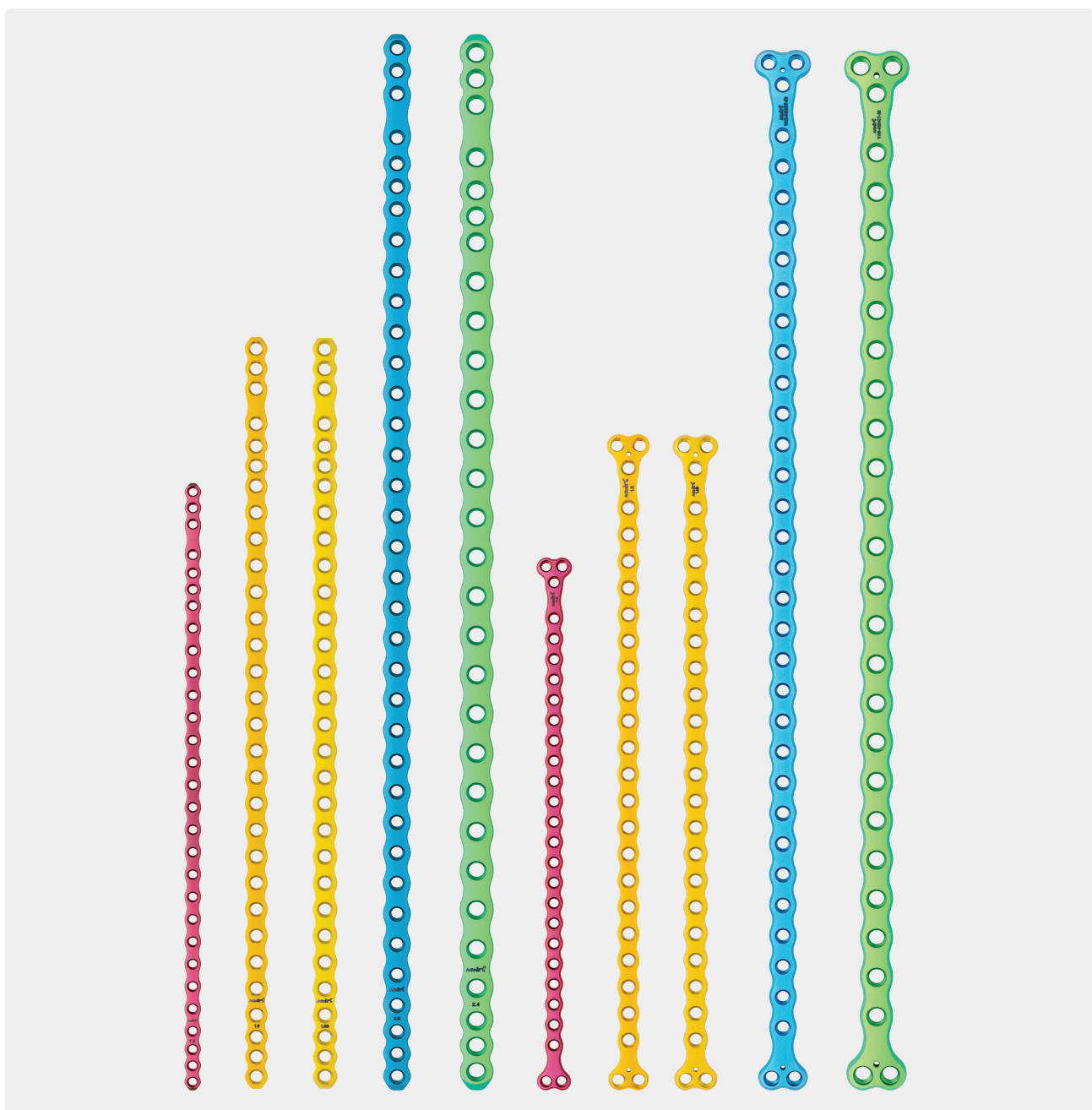
Features and Benefits

- › Orthogonal plating
- › Range of sizes, including 1.4 mm, 1.6 mm, 1.6 mm broad, 2.0 mm, and 2.4 mm
- › Titanium options for 1.4 mm to 2.4 mm plates
- › Double-ended plate with high screw density and bridge design
- › 2- and 3-hole T-plates with bridge designs on either end
- › Central hole-to-hole spacing allows for in-plane bending

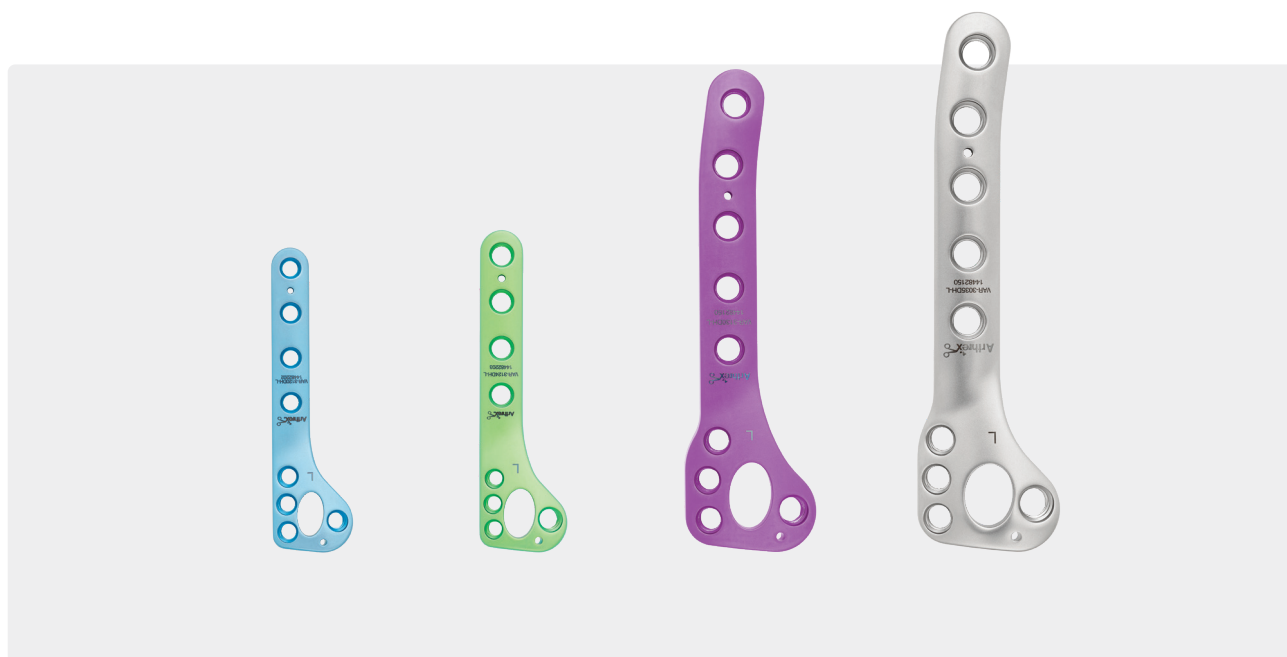
Anatomic Design



1.4 mm OrthoLine™ Cuttable Plates	
Cuttable double straight plate, 1.4 mm, titanium	VAR-3114C-29
Cuttable double T-plate, 1.4 mm, titanium	VAR-3114CT-22
1.6 mm OrthoLine Cuttable Plates	
Cuttable straight plate, 1.6 mm, titanium	VAR-3116C-30
Cuttable T-plate, 1.6 mm, titanium	VAR-3116CT-21
1.6 mm OrthoLine Cuttable Broad Plates	
Cuttable straight plate, broad, 1.6 mm, titanium	VAR-3116BC-30
Cuttable T-plate, broad, 1.6 mm, titanium	VAR-3116BCT-21
2.0 mm OrthoLine Cuttable Plates	
Cuttable straight plate, 2.0 mm, titanium	VAR-3120C-36
Cuttable T-plate, 2.0 mm, titanium	VAR-3120CT-30
2.4 mm OrthoLine Cuttable Plates	
Cuttable straight plate, 2.4 mm, titanium	VAR-3124C-29
Cuttable T-plate, 2.4 mm, titanium	VAR-3124CT-23



Distal Humeral Plates



The OrthoLine™ distal humeral fracture system is the first plate of its kind to incorporate a transcondylar screw for distal humeral medial, supracondylar, Y-shaped, and T-shaped fractures.

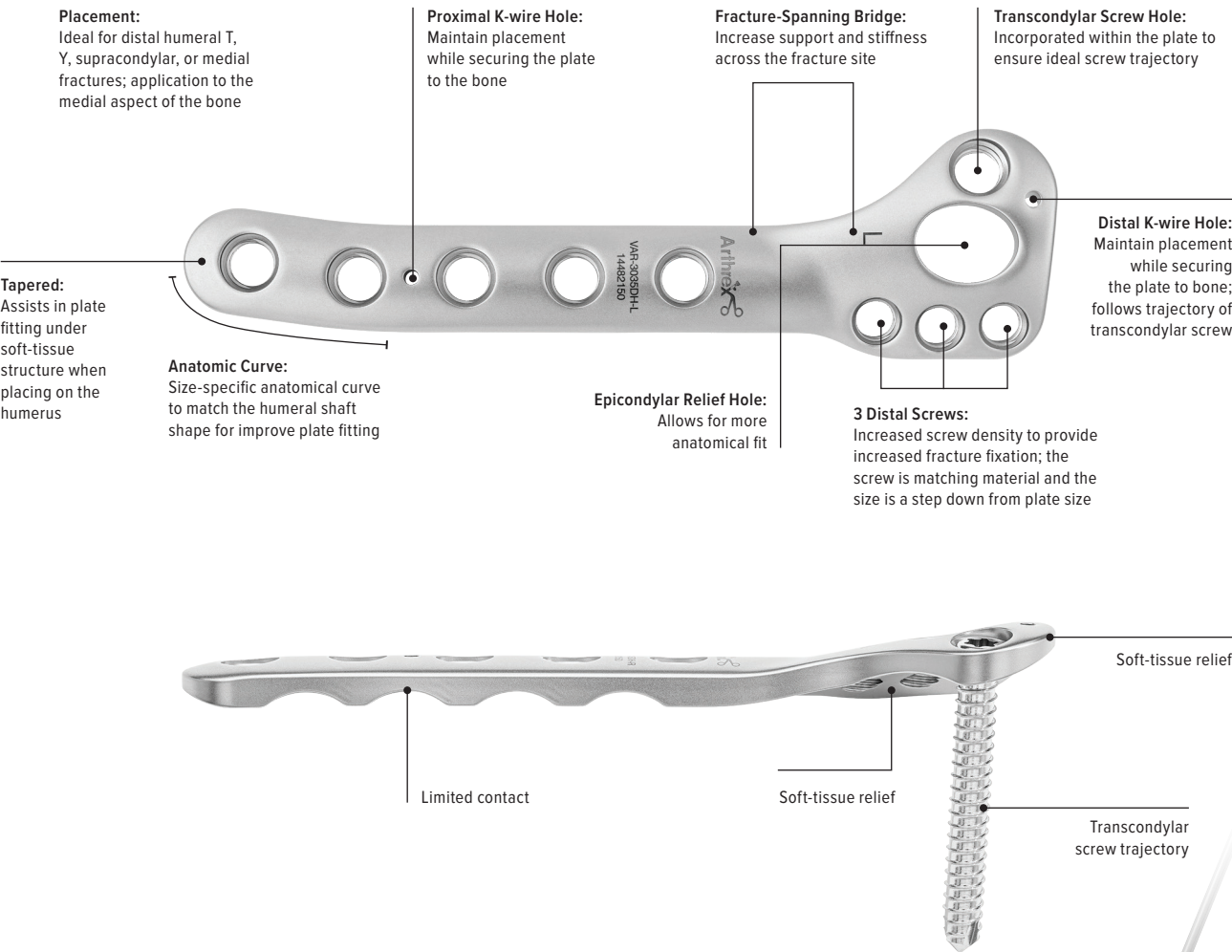
Designed with the surgeon in mind, OrthoLine distal humeral plates are anatomic, incorporating the transcondylar screw within the construct and including a specific trajectory to help with proper transcondylar screw placement.

Repair medial, supracondylar, Y-shaped, and T-shaped fractures with a single plate construct using a K-wire on the lateral aspect for Y-shaped and T-shaped fractures when placing the plate medially. The epicondylar oval hole helps the surgeon find the right location to facilitate the best plate placement and allows for epicondyle relief.

Features and Benefits

- › Plate incorporates transcondylar screw
- › Optimized trajectory for transcondylar screw
- › Distal aspect accommodates 4 locking screws
- › Anatomic, strong, single-bridging plate design
- › Designed for medial, supracondylar, T-shaped, and Y-shaped fractures
- › OrthoLine distal humeral plates use 2 screw sizes per implant:
 - › 3.5 mm/2.7 mm
 - › 3.0 mm/2.4 mm
 - › 2.4 mm/2.0 mm
 - › 2.4 mm/2.0 mm or 1.6 mm

Anatomic Design



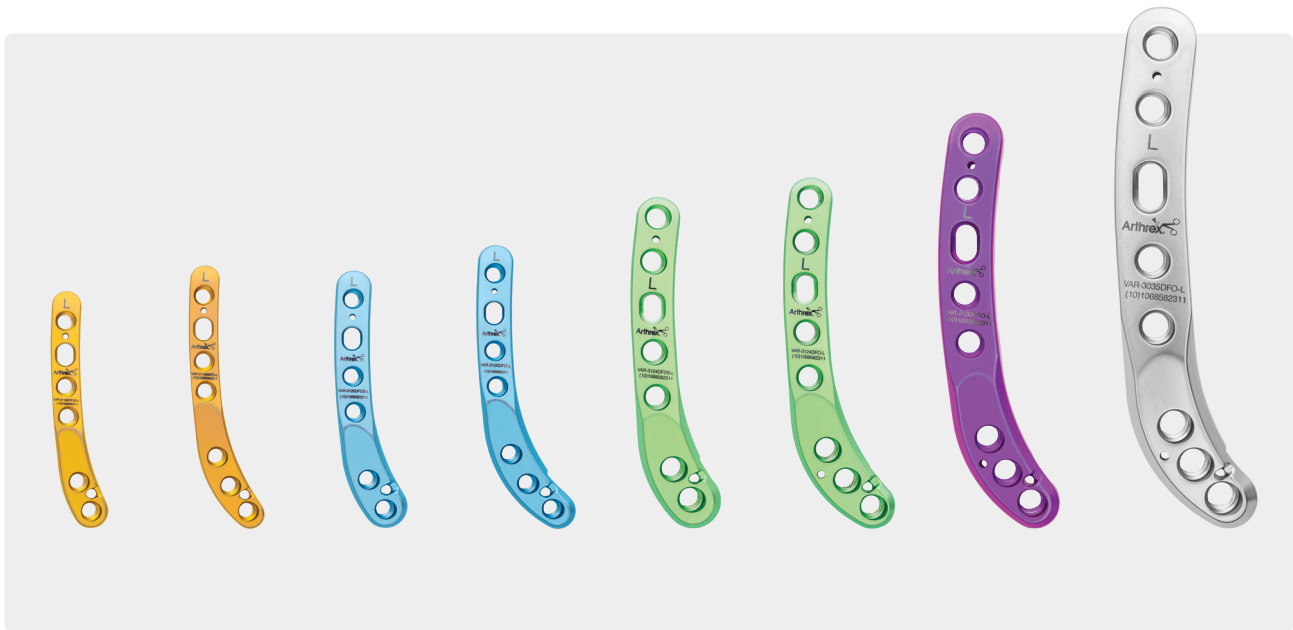
Screw Trajectory



2.0 mm OrthoLine™ Distal Humeral Plates (Blue)		
Distal humeral plate, left, 2.0 mm, titanium		VAR-3120DH-L
Distal humeral plate, right, 2.0 mm, titanium		VAR-3120DH-R
2.4 mm OrthoLine Distal Humeral Plates (Green)		
Distal humeral plate, left, 2.4 mm, titanium		VAR-3124DH-L
Distal humeral plate, right, 2.4 mm, titanium		VAR-3124DH-R
3.0 mm OrthoLine Distal Humeral Plates (Purple)		
Distal humeral plate, left, 3.0 mm, titanium		VAR-3130DH-L
Distal humeral plate, right, 3.0 mm, titanium		VAR-3130DH-R
3.5 mm OrthoLine Distal Humeral Plates (Matte)		
Distal humeral plate, left, 3.5 mm, stainless steel		VAR-3035DH-L
Distal humeral plate, right, 3.5 mm, stainless steel		VAR-3035DH-R



Distal Femoral Osteotomy Plates

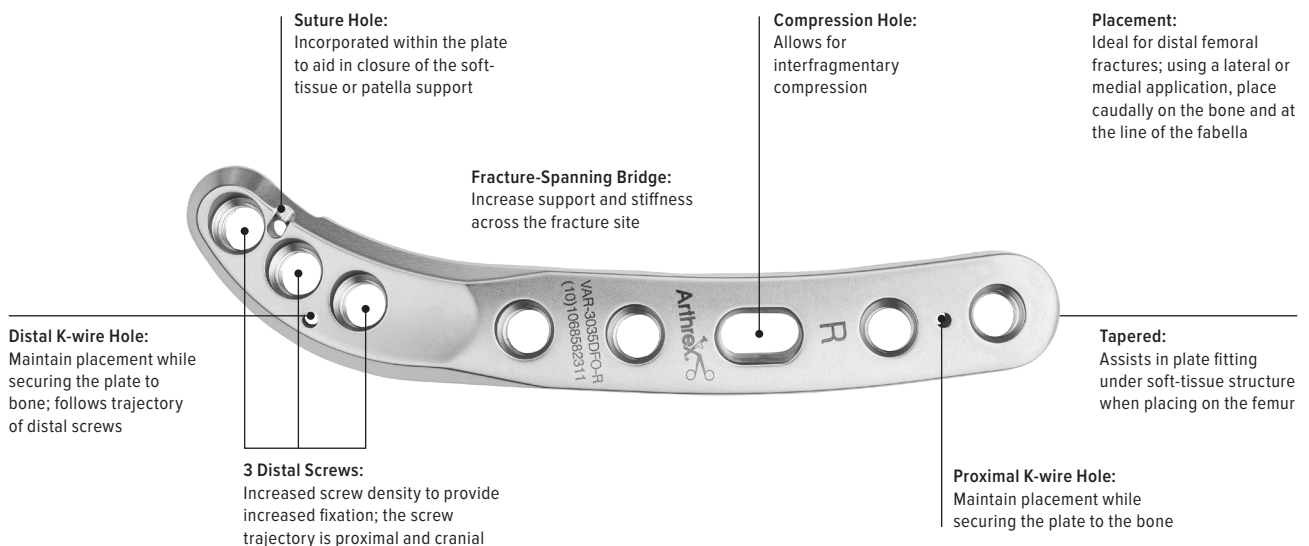


The OrthoLine™ distal femoral osteotomy (DFO) plate system includes 1.6 mm, 2.0 mm, 2.4 mm, 3.0 mm, and 3.5 mm sizes. Each plate size is anatomically contoured to mimic the anatomy of patients within the given size range. The plate includes distal screw trajectories to avoid the femoral trochlea and intercondylar notch. Proximal screw trajectories align with the bone stock of the diaphyseal bone. The plate is designed to minimize soft-tissue irritation. The DFO plate includes a suture hole, a unique feature that allows additional patellar stabilization by securing a suture strand from the parapatellar ligament to the suture hole within the plate.

Features and Benefits

- › Distal screw trajectories avoid the femoral trochlea and intercondylar notch
- › Proximal screw trajectories to align centrally in the diaphyseal bone
- › Compression slot allows the surgeon to dictate desired compression
- › Anatomic plate design with left and right options
- › Strong bridging plate design
- › Tapered design to avoid soft-tissue irritation
- › Suture hole for additional patellar stabilization

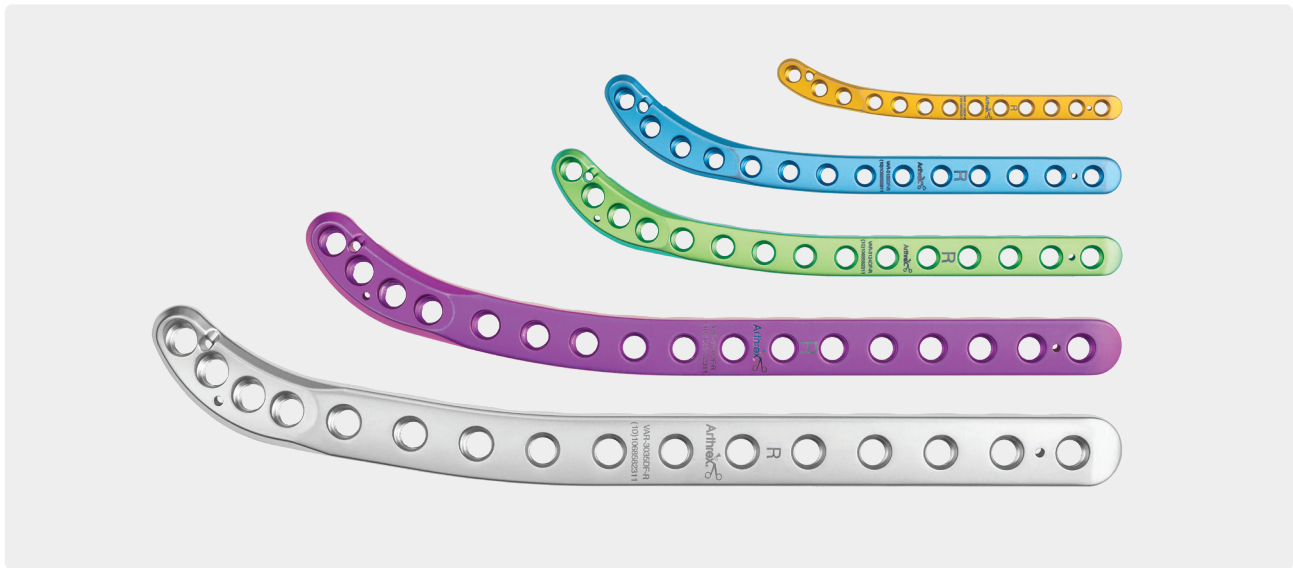
Anatomic Design



1.6 mm Distal Femoral Osteotomy Broad Plates (Gold)	
Distal femoral osteotomy plate, broad, short, 1.6 mm, titanium, left	VAR-3116BDFOS-L
Distal femoral osteotomy plate, broad, short, 1.6 mm, titanium, right	VAR-3116BDFOS-R
Distal femoral osteotomy plate, broad, 1.6 mm, titanium, left	VAR-3116BDFO-L
Distal femoral osteotomy plate, broad, 1.6 mm, titanium, right	VAR-3116BDFO-R
2.0 mm Distal Femoral Osteotomy Plates (Blue)	
Distal femoral osteotomy plate, short, 2.0 mm, titanium, left	VAR-3120DFOS-L
Distal femoral osteotomy plate, short, 2.0 mm, titanium, right	VAR-3120DFOS-R
Distal femoral osteotomy plate, 2.0 mm, titanium, left	VAR-3120DFO-L
Distal femoral osteotomy plate, 2.0 mm, titanium, right	VAR-3120DFO-R
2.4 mm Distal Femoral Osteotomy Plates (Green)	
Distal femoral osteotomy plate, short, 2.4 mm, titanium, left	VAR-3124DFOS-L
Distal femoral osteotomy plate, short, 2.4 mm, titanium, right	VAR-3124DFOS-R
Distal femoral osteotomy plate, 2.4 mm, titanium, left	VAR-3124DFO-L
Distal femoral osteotomy plate, 2.4 mm, titanium, right	VAR-3124DFO-R
3.0 mm Distal Femoral Osteotomy Plates (Purple)	
Distal femoral osteotomy plate, 3.0 mm, titanium, left	VAR-3130DFO-L
Distal femoral osteotomy plate, 3.0 mm, titanium, right	VAR-3130DFO-R
3.5 mm Distal Femoral Osteotomy Plates (Matte)	
Distal femoral osteotomy plate, 3.5 mm, stainless steel, left	VAR-3035DFO-L
Distal femoral osteotomy plate, 3.5 mm, stainless steel, right	VAR-3035DFO-R



Distal Femur Fracture Plates



The OrthoLine™ distal femoral fracture system is designed to aid in fractures of the distal femur. The plate is designed to be placed on the lateral aspect of the bone with minimal to no contouring.

Designed with the surgeon in mind, the OrthoLine distal femoral fracture plates are anatomically designed, incorporating distal and proximal screw trajectories to align centrally in the metaphyseal and diaphyseal bone.

The anatomic design features include a contour to follow the natural procurvatum, distal caudal curvature with increased screw density of the distal aspect of the plate, and specific screw trajectories throughout the plate.

OrthoLine plates include features to help create a more reproducible procedure. The plates are contoured anatomically to match the bone surface. The K-wire holes allow plate placement prior to screw insertion, which helps the surgeon find the best location to place the

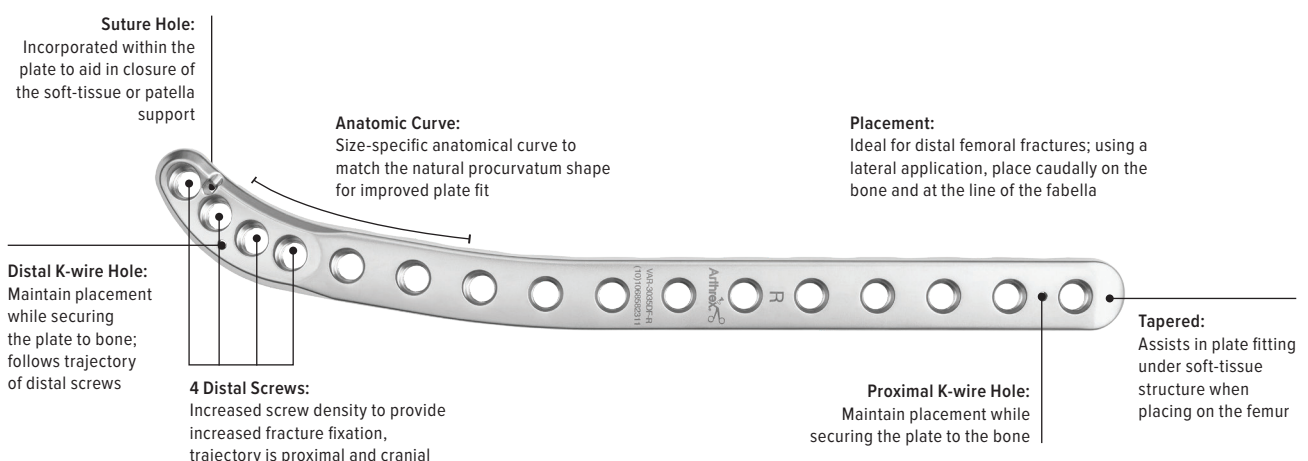
plate. The low-profile design is less prominent under the skin, with features that limit bone-to-plate contact. The plate includes a suture hole on the distal end to aid in the stabilization of the patella or to aid in soft-tissue closure.

Additionally, features designed to aid in proper plate placement include variable-angle locking (VAL) screws for the titanium lines.

Features and Benefits

- › Suture hole to aid in soft tissue closure
- › High distal screw density pattern with specific trajectories
- › Anatomic plate designs to follow the procurvatum and distal curvature
- › Left and right options in a variety of sizes for patients of all sizes

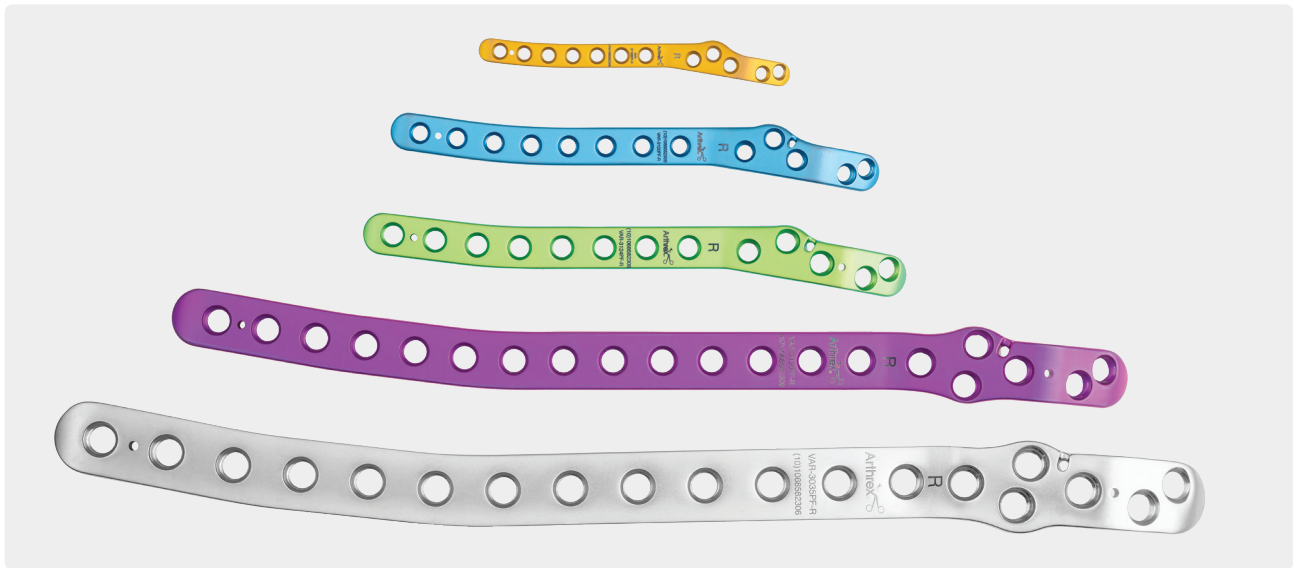
Anatomic Design



1.6 mm Distal Femoral Fracture Broad Plates (Gold)		
Distal femoral plate, left, broad, titanium, 1.6 mm		VAR-3116BDF-L
Distal femoral plate, right, broad, titanium, 1.6 mm		VAR-3116BDF-R
2.0 mm Distal Femoral Fracture Plates (Blue)		
Distal femoral plate, left, titanium, 2.0 mm		VAR-3120DF-L
Distal femoral plate, right, titanium, 2.0 mm		VAR-3120DF-R
2.4 mm Distal Femoral Fracture Plates (Green)		
Distal femoral plate, left, titanium, 2.4 mm		VAR-3124DF-L
Distal femoral plate, right, titanium, 2.4 mm		VAR-3124DF-R
3.0 mm Distal Femoral Fracture Plates (Purple)		
Distal femoral plate, left, titanium, 3.0 mm		VAR-3130DF-L
Distal femoral plate, right, titanium, 3.0 mm		VAR-3130DF-R
3.5 mm Distal Femoral Fracture Plates (Matte)		
Distal femoral plate, left, stainless steel, 3.5 mm		VAR-3035DF-L
Distal femoral plate, right, stainless steel, 3.5 mm		VAR-3035DF-R



Proximal Femoral Plates



The OrthoLine™ proximal femoral fracture system is designed to aid in fractures of the proximal femur. The plate is designed to be placed on the lateral aspect of the bone with minimal to no contouring.

Designed with the surgeon in mind, the OrthoLine proximal femoral fracture plates are anatomically designed, incorporating proximal and distal screw trajectories to align centrally in the metaphyseal and diaphyseal bone.

The anatomic design features include a contour to follow the natural procurvatum, double proximal curvature to follow the trochanter, and increased screw density with a unique pattern on the proximal end.

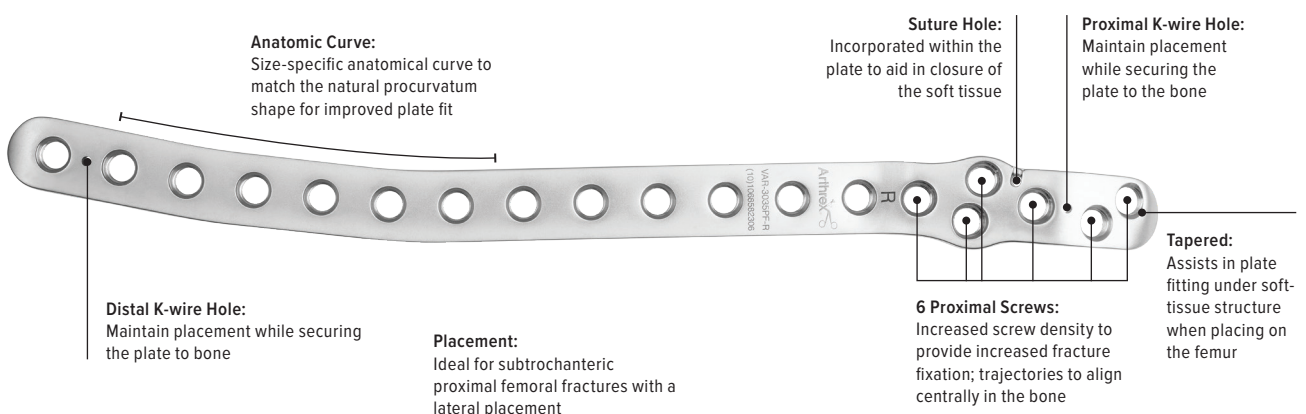
OrthoLine plates include features to help create a more reproducible procedure. The plates are contoured anatomically to match the bone surface. The K-wire holes allow plate placement prior to screw insertion, which

helps the surgeon find the best location to place the plate. The low-profile design is less prominent under the skin, with features that limit bone-to-plate contact. The plate includes a suture hole on the proximal end to aid in soft-tissue closure. Additionally, features designed to aid in proper plate placement include variable-angle locking (VAL) screws for the titanium lines.

Features and Benefits

- › Suture hole to aid in soft-tissue closure
- › High proximal screw density including a unique pattern with specific trajectories
- › Anatomic plate designs to follow the procurvatum and trochanteric curvature
- › Left and right options in a variety of sizes for patients of all sizes

Anatomic Design



1.6 mm Proximal Femoral Broads Plates (Gold)		
Proximal femoral plate broad, titanium, 1.6 mm, left		VAR-3116BPF-L
Proximal femoral plate broad, titanium, 1.6 mm, right		VAR-3116BPF-R
2.0 mm Proximal Femoral Plates (Blue)		
Proximal femoral plate, titanium, 2.0 mm, left		VAR-3120PF-L
Proximal femoral plate, titanium, 2.0 mm, right		VAR-3120PF-R
2.4 mm Proximal Femoral Plates (Green)		
Proximal femoral plate, titanium, 2.4 mm, left		VAR-3124PF-L
Proximal femoral plate, titanium, 2.4 mm, right		VAR-3124PF-R
3.0 mm Proximal Femoral Plates (Purple)		
Proximal femoral plate, titanium, 3.0 mm, left		VAR-3130PF-L
Proximal femoral plate, titanium, 3.0 mm, right		VAR-3130PF-R
3.5 mm Proximal Femoral Plates (Matte)		
Proximal femoral plate, short, stainless steel, 3.5 mm, left		VAR-3035PFS-L
Proximal femoral plate, short, stainless steel, 3.5 mm, right		VAR-3035PFS-R
Proximal femoral plate, stainless steel, 3.5 mm, left		VAR-3035PF-L
Proximal femoral plate, stainless steel, 3.5 mm, right		VAR-3035PF-R
Proximal femoral plate broad, stainless steel, 3.5 mm, left		VAR-3035BPF-L
Proximal femoral plate broad, stainless steel, 3.5 mm, right		VAR-3035BPF-R



Radial Fracture Plates

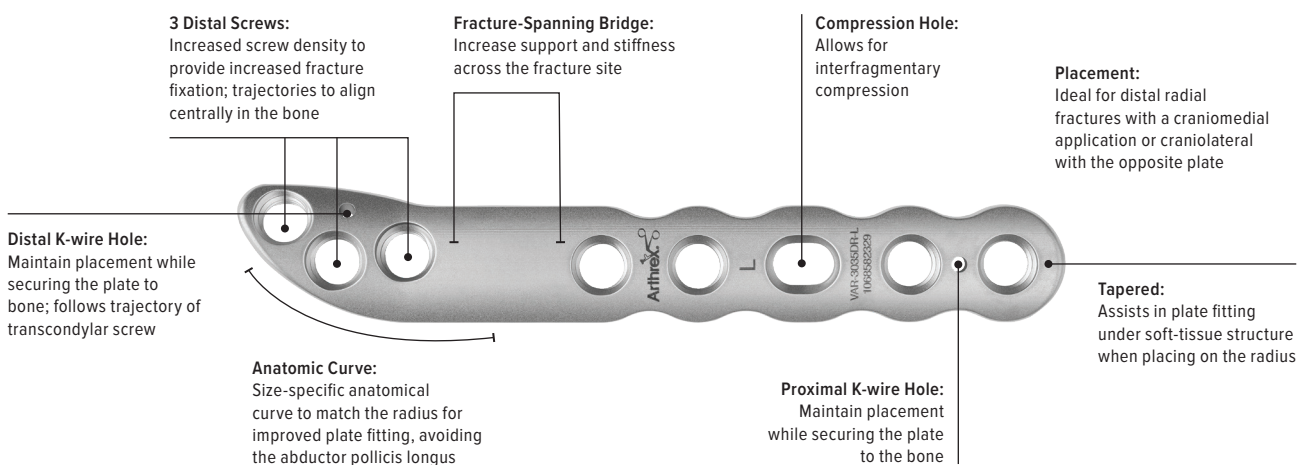


The OrthoLine™ radial fracture plate system includes 1.6 mm, 2.0 mm, 2.4 mm, 3.0 mm, and 3.5 mm sizes. Each plate is anatomically contoured to mimic the anatomy of patients within a given size range. The system is designed with multiplanar distal screw trajectories, and proximal screws are aligned centrally within the bone to improve screw pullout. Thinner than a standard T-plate or straight plate, this plate design allows less soft-tissue interference. The tubular bottom enables better conformity to the patient's bone structure and increases the area moment of inertia. This unique design also includes a fracture-spanning bridge with a sliding screw socket allowing compression across the fracture site, bending plugs, and several K-wire holes to assist in placement. The plates are designed for a craniomedial placement, but a craniolateral placement can be used with the contralateral side.

Features and Benefits

- › Distal screw trajectories
- › Proximal screw trajectories to align centrally in the bone
- › Designed for distal radial fractures
- › Anatomic plate design with left and right options
- › High screw density where needed
- › Tapered design to avoid soft-tissue irritation
- › Compression hole
- › Fracture-spanning bridge
- › 2 placement options

Anatomic Design



1.6 mm Radial Fracture Plates (Gold)		
Radial fracture plate, titanium, 1.6 mm, left		VAR-3116DR-L
Radial fracture plate, titanium, 1.6 mm, right		VAR-3116DR-R
Radial fracture plate, broad, titanium, 1.6 mm, left		VAR-3116BDR-L
Radial fracture plate, broad, titanium, 1.6 mm, right		VAR-3116BDR-R
2.0 mm Radial Fracture Plates (Blue)		
Radial fracture plate, titanium, 2.0 mm, left		VAR-3120DR-L
Radial fracture plate, titanium, 2.0 mm, right		VAR-3120DR-R
2.4 mm Radial Fracture Plates (Green)		
Radial fracture plate, titanium, 2.4 mm, left		VAR-3124DR-L
Radial fracture plate, titanium, 2.4 mm, right		VAR-3124DR-R
3.0 mm Radial Fracture Plates (Purple)		
Radial fracture plate, titanium, 3.0 mm, left		VAR-3130DR-L
Radial fracture plate, titanium, 3.0 mm, right		VAR-3130DR-R
3.5 mm Radial Fracture Plates (Matte)		
Radial fracture plate, SS, 3.5 mm, left		VAR-3035DR-L
Radial fracture plate, SS, 3.5 mm, right		VAR-3035DR-R



Iliac Fracture Plates

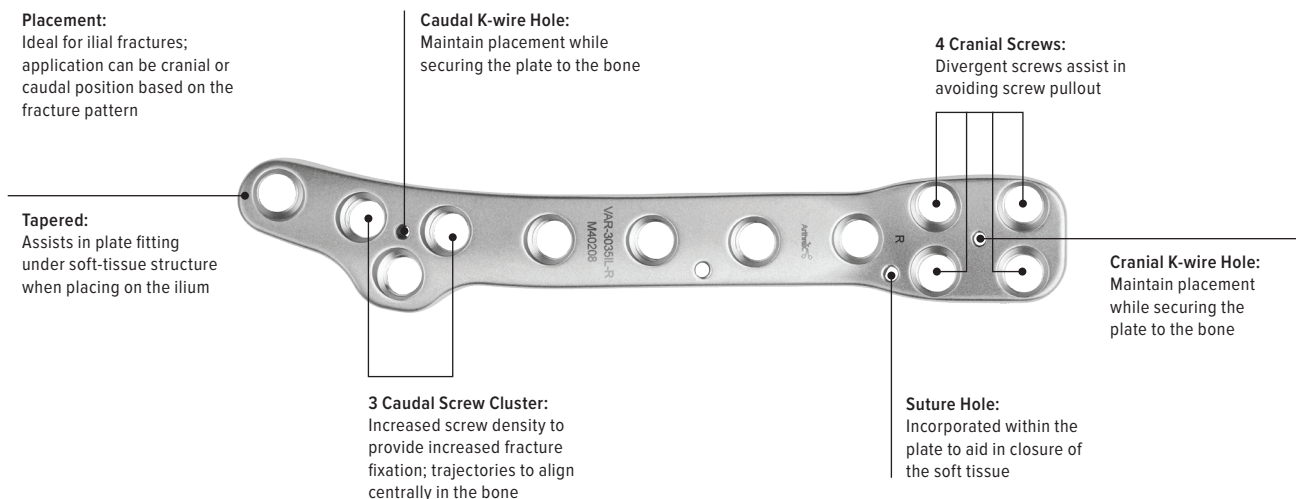


The OrthoLine™ iliac fracture plate system includes 1.6 mm, 2.0 mm, 2.4 mm, 3.0 mm, and 3.5 mm sizes. Each plate size is anatomically contoured to mimic the anatomy of patients within a given size range. The plate includes cranial divergent screw trajectories to improve purchase in the cranial ilium. The caudal screw trajectories are more dorsally oriented to help diverge away from the coxofemoral joint. Additionally, the iliac plate includes a suture hole that fits Arthrex VetSuture for apposition of the gluteal musculature at closure.

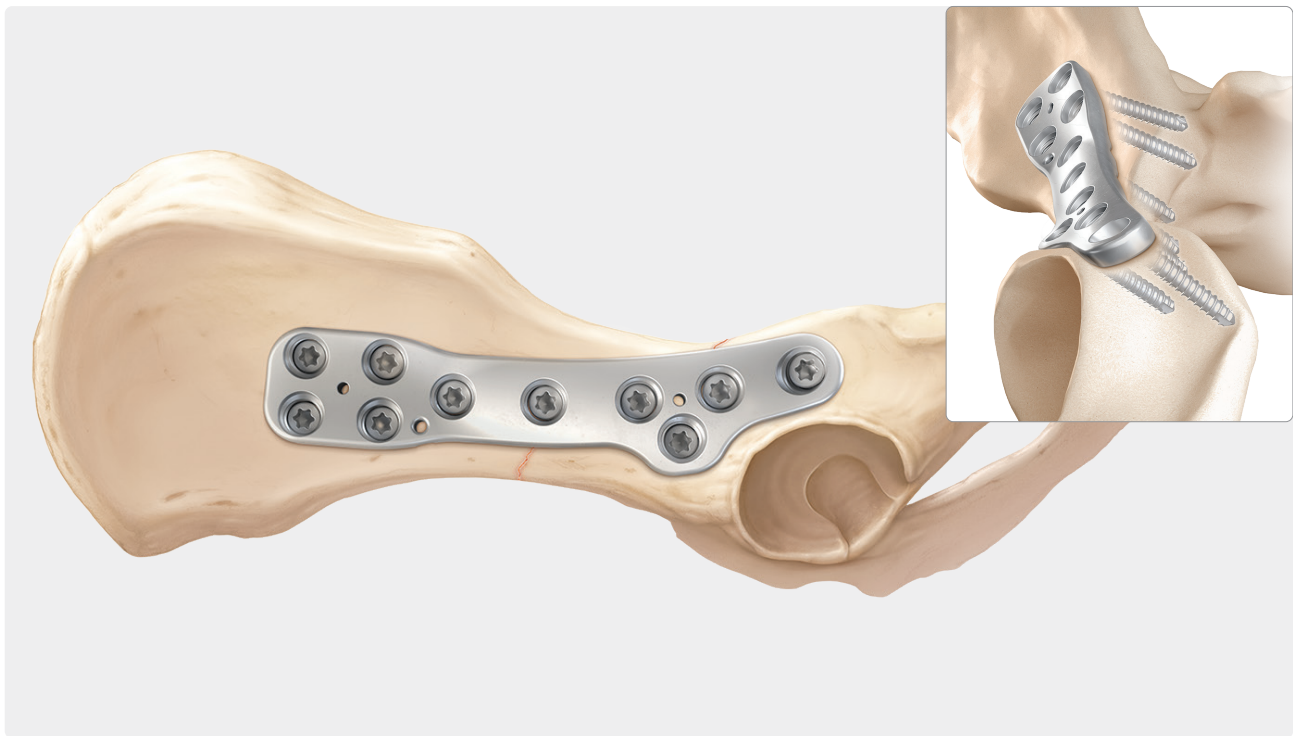
Features and Benefits

- › Divergent cranial screw trajectories for added pull-out strength
- › Caudal screw trajectories to diverge from coxofemoral joint
- › Designed for cranial, caudal, and oblique fracture patterns
- › Anatomic plate design with left and right options
- › High screw density where needed
- › Suture hole to aid in soft-tissue closure
- › Scalloped underside to distribute stress and minimize contact

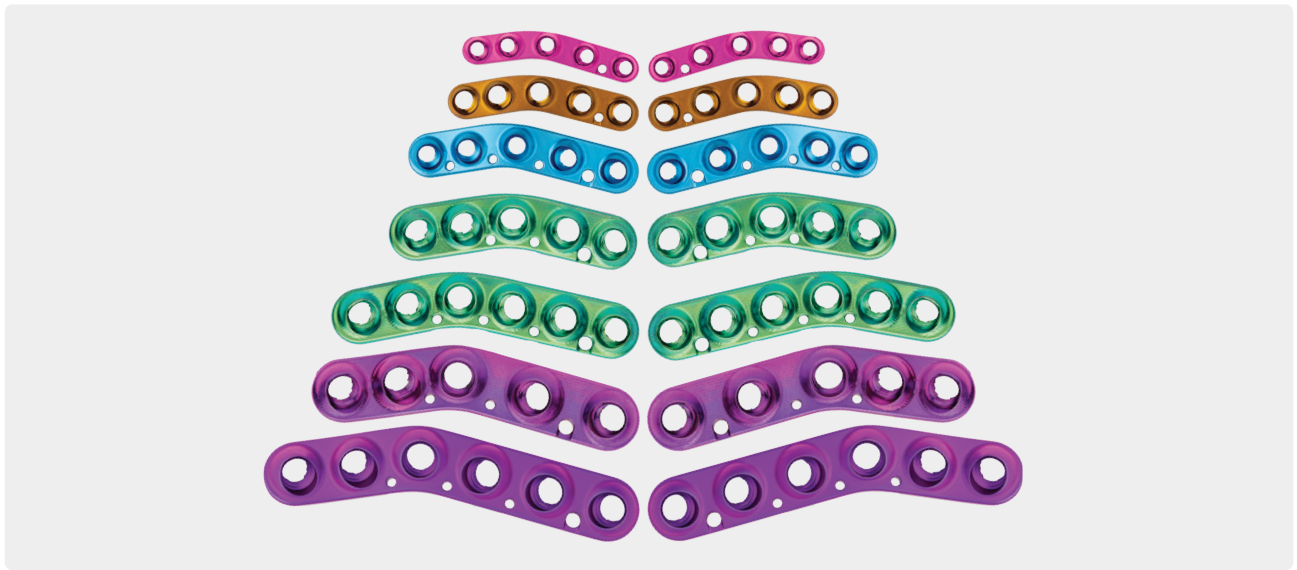
Anatomic Design



1.6 mm Iliac Fracture Plates (Gold)		
Iliac fracture plate, titanium, 1.6 mm, left		VAR-3116I-L
Iliac fracture plate, titanium, 1.6 mm, right		VAR-3116I-R
2.0 mm Iliac Fracture Plates (Blue)		
Iliac fracture plate, titanium, 2.0 mm, left		VAR-3120I-L
Iliac fracture plate, titanium, 2.0 mm, right		VAR-3120I-R
2.4 mm Iliac Fracture Plates (Green)		
Iliac fracture plate, titanium, 2.4 mm, left		VAR-3124I-L
Iliac fracture plate, titanium, 2.4 mm, right		VAR-3124I-R
3.0 mm Iliac Fracture Plates (Purple)		
Iliac fracture plate, titanium, 3.0 mm, left		VAR-3130I-L
Iliac fracture plate, titanium, 3.0 mm, right		VAR-3130I-R
3.5 mm Iliac Fracture Plates (Matte)		
Iliac fracture plate, SS, 3.5 mm, left		VAR-3035I-L
Iliac fracture plate, SS, 3.5 mm, right		VAR-3035I-R
Iliac fracture plate, long, SS, 3.5 mm, left		VAR-3035IL-L
Iliac fracture plate, long, SS, 3.5 mm, right		VAR-3035IL-R



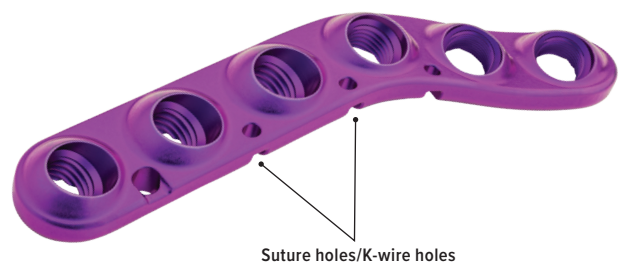
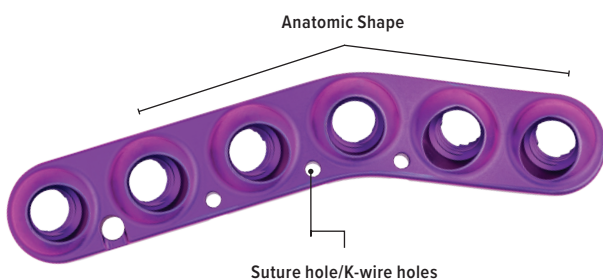
Acetabular Fracture Plates



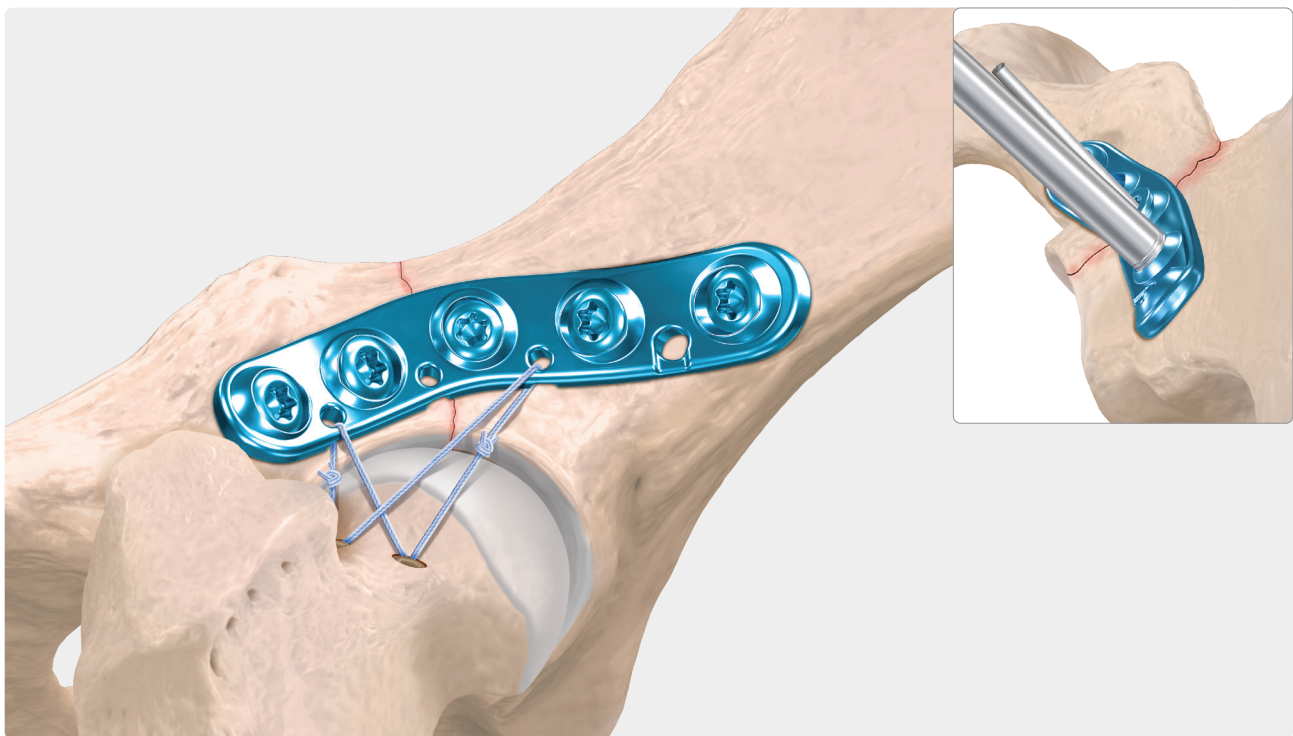
The OrthoLine™ acetabular fracture plating system includes 1.4 mm, 1.6 mm, 2.0 mm, 2.4 mm (in short and standard variations), and 3.0 mm (in broad and standard variations) sizes. Each plate is anatomically contoured to mimic the anatomy of patients within a given size range. The screw trajectories are optimized to maximize bone purchase throughout the cranial, central, and caudal regions of the acetabulum while also improving screw pullout strength. These trajectories are unique, as most other plates in the industry use perpendicular screw holes only. Each screw hole also features a hood that aids thread purchase and helps to reduce soft-tissue irritation. As with all plating products in the OrthoLine portfolio, users have the option to use cortical, locking, and variable-angle locking screws. Finally, the acetabular plate features K-wire holes for provisional fixation, as well as suture holes to aid in soft-tissue management and wound closure.

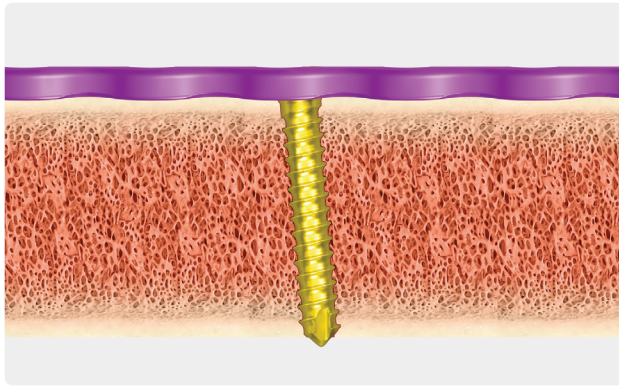
Features and Benefits

- › Anatomically precontoured plates reduce operative time
- › Defined screw trajectories maximize bone purchase and minimize pullout
- › Dedicated suture holes aid in soft-tissue management and closure
- › Hooded screw holes increase thread engagement and minimize soft-tissue irritation
- › Extended locking drill guide for hard-to-reach anatomy



1.4 mm Acetabular Fracture Plates (Rose)		
Acetabular plate, Ti, 1.4 mm, right		VAR-3114AC-R
Acetabular plate, Ti, 1.4 mm, left		VAR-3114AC-L
1.6 mm Acetabular Fracture Plates (Gold)		
Acetabular plate, Ti, 1.6 mm, right		VAR-3116AC-R
Acetabular plate, Ti, 1.6 mm, left		VAR-3116AC-L
2.0 mm Acetabular Fracture Plates (Blue)		
Acetabular plate, Ti, 2.0 mm, right		VAR-3120AC-R
Acetabular plate, Ti, 2.0 mm, left		VAR-3120AC-L
2.4 mm Acetabular Fracture Plates (Green)		
Acetabular plate, short, Ti, 2.4 mm, right		VAR-3124SAC-R
Acetabular plate, short, Ti, 2.4 mm, left		VAR-3124SAC-L
Acetabular plate, Ti, 2.4 mm, right		VAR-3124AC-R
Acetabular plate, Ti, 2.4 mm, left		VAR-3124AC-L
3.0 mm Acetabular Fracture Plates (Purple)		
Acetabular plate, Ti, 3.0 mm, right		VAR-3130AC-R
Acetabular plate, Ti, 3.0 mm, left		VAR-3130AC-L
Acetabular plate, broad, Ti, 3.0 mm, right		VAR-3130BAC-R
Acetabular plate, broad, Ti, 3.0 mm, left		VAR-3130BAC-L





- › Interchangeable 1.6 mm and 2.0 mm screws
- › 3.0 mm hybrid screws featuring the head of a 3.0 mm screw and the shaft of a 3.5 mm screw for use with 3.0 mm plates
- › Interchangeable 3.5 mm and 4.0 mm stainless steel screws
- › 3.0 mm cortical screws compatible with 2.4 mm locking holes when additional strength is needed
- › Color-coded locking screws matched to corresponding plates and instruments

Screws

1.2 mm Low-Profile Cortical, Titanium

Low-profile cortical screw, 1.2 mm × 4-16 mm
Sizes: 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16 mm

VAR-8912-04
to -16

1.4 mm Low-Profile Cortical, Variable-Angle, Titanium

Low-profile variable angle screw, 1.4 mm × 4-18 mm
Sizes: 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 18 mm

VAR-8914V-04
to -18

1.6 mm Low-Profile Cortical, Variable-Angle, Titanium

Low-profile cortical screw, 1.6 mm × 5-24 mm
Sizes: 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 18, 20, 22, 24 mm

VAR-8916-05
to -24

Low-profile variable angle screw, 1.6 mm × 5-24 mm
Sizes: 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 18, 20, 22, 24 mm

VAR-8916V-05
to -24

2.0 mm Low-Profile Cortical, Locking, Variable-Angle, Titanium

Low-profile cortical screw, 2.0 mm × 6-40 mm
Sizes: 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40 mm

VAR-8920-06
to -40

Low-profile locking screw, 2.0 mm × 6-40 mm
Sizes: 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40 mm

VAR-8920L-06
to -40

Low-profile variable angle screw, 2.0 mm × 6-40 mm
Sizes: 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40 mm

VAR-8920V-06
to -40

2.4 mm Low-Profile Cortical, Locking, Variable-Angle, Titanium

Low-profile cortical screw, 2.4 mm × 6-40 mm
Sizes: 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40 mm

VAR-8924-06
to -40

Low-profile locking screw, 2.4 mm × 6-40 mm
Sizes: 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40 mm

VAR-8924L-06
to -40

Low-profile variable-angle screw, 2.4 mm × 6-40 mm
Sizes: 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40 mm

VAR-8924V-06
to -40

2.7 mm Low-Profile Cortical, Locking, Stainless Steel

Low-profile cortical screw, 2.7 mm × 10-34 mm
Sizes: 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34 mm

VAR-8827-10
to -34

Low-profile locking screw, 2.7 mm × 10-34 mm
Sizes: 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34 mm

VAR-8827L-10
to -34

3.0 mm Low-Profile Cortical, Locking, Variable-Angle, Titanium

Low-profile cortical screw, 3.0 mm × 8-55 mm
Sizes: 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 55 mm

VAR-8930-08
to -55

Low-profile locking screw, 3.0 mm × 8-55 mm
Sizes: 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 55 mm

VAR-8930L-08
to -55

Low-profile variable-angle screw, 3.0 mm × 8-55 mm
Sizes: 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 55 mm

VAR-8930V-08
to -55

3.0 mm Hybrid Low-Profile Cortical, Locking, Variable-Angle, Titanium

Low-profile hybrid cortical screw, 3.0 mm × 8-65 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-8930H-08
to -65

Low-profile hybrid locking screw, 3.0 mm × 8-65 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-8930HL-08
to -65

Low-profile hybrid variable angle screw, 3.0 mm × 8-65 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-8930HV-08
to -65

3.5 mm Low-Profile Cortical, Locking, Variable-Angle, Titanium

Low-profile cortical screw, 3.5 mm × 10-65 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, 65 mm

VAR-8935-10
to -65

Low-profile locking screw, 3.5 mm × 10-65 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, 65 mm

VAR-8935L-10
to -65

Low-profile variable angle screw, 3.5 mm × 10-65 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, 65 mm

VAR-8935V-10
to -65

3.5 mm Low-Profile Cortical, Locking, Variable-Angle, Stainless Steel

Low-profile cortical screw, 3.5 mm × 16-60 mm
Sizes: 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-8835-16
to -60

Low-profile locking screw, 3.5 mm × 16-60 mm
Sizes: 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-8835L-16
to -60

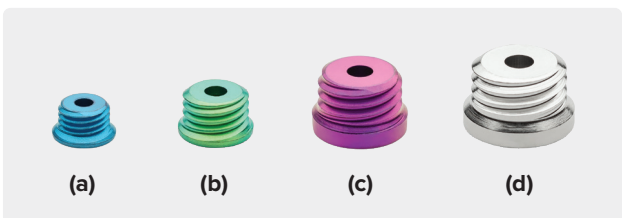
Low-profile variable angle screw, 3.5 mm × 10-65 mm
Sizes: 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 65 mm

VAR-8835V-10
to -65 mm

4.0 mm Low-Profile, Locking, Stainless Steel

Low-profile locking screw, 4.0 mm × 18-60 mm
Sizes: 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60 mm

VAR-8840L-18
to -60



Bending Plugs

Bending plug, cannulated, 1.4 mm	VAR-4014-04
Bending plug, cannulated, 1.6 mm/2.0 mm (a)	VAR-4020-04
Bending plug, cannulated, 2.4 mm (b)	VAR-4024-04
Bending plug, cannulated, 2.7 mm	VAR-4027-04
Bending plug, cannulated, 3.0 mm (c)	VAR-4030-04
Bending plug, cannulated, 3.5 mm (d)	VAR-4035-04
Bending plug caddy	VAR-4000BPC

Instruments

Instruments for 1.4 mm OrthoLine™ Plating System (Rose)	VAR-4014S
Drill bit, 0.7 mm, mini AO	VAR-4012D-07
Drill bit, 0.9 mm, mini AO	VAR-4014D-09
Drill bit, 1.1 mm, mini AO	VAR-4014D-11
Driver, T4 hexalobe, self-retaining, mini AO	VAR-4014-01
Bending iron	VAR-4000-06
Tap/drill guide, 1.2 mm	VAR-4012TDG
Tap/drill guide, 1.4 mm	VAR-4014TDG
Drill guide, locking, 1.4 mm	VAR-4014DG
Drill guide, variable, 1.4 mm	VAR-4014VDG
Plate holder, 1.4 mm	VAR-4014-03
Depth device, 1.2/1.4 mm	VAR-1214DD
Handle, mini AO	VAR-4014-44
Handle, jeweler's knob, mini AO	VAR-4014H
Bone tap, 1.2 mm, mini AO*	VAR-4012T
Bone tap, 1.4 mm, mini AO*	VAR-4014T
Bending plug, cannulated, 1.4 mm	VAR-4014-04
Mini AO to AO adapter	VAR-4014-87
Instrument case	VAR-4014C
Guidewire w/ trocar 0.86 mm*	VAR-8929K
BB-Tak, small*	VAR-8933BB
BB-Tak, small, threaded*	VAR-8933TBB
Instruments for 1.6 mm OrthoLine Plating System (Bronze/Gold)	VAR-3116S-01
Drill bit, solid, AO, 1.1 mm (1.6 mm)	VAR-4016D
Drill bit, solid, short, AO, 1.1 mm (1.6 mm)	VAR-4016SD
Depth measuring device (1.6 mm/2.0 mm/2.4 mm)	VAR-2024DD
T6 driver (1.6 mm/2.0 mm)	VAR-4020-01
T6 screwdriver (1.6 mm/2.0 mm)	VAR-4020-02
Bending plug caddy	VAR-4000BPC
General sterilization case	VAR-4000GC
General sterilization case insert	VAR-4000GC-01
Screw caddy, 1.6 mm	VAR-3116SC-01
Bending plug cannulated, 1.6 mm/2.0 mm	VAR-4020-04
Screw holding forceps	VAR-8941F
Drill/depth guide, locking, 1.6 mm (1.6 mm)	VAR-4016DG
Long drill guide, locking, 1.6 mm*	VAR-4016DG-LNG
Drill guide, 1.1 mm (1.6 mm)	VAR-4016TDG
Drill guide, variable, 1.6 mm (1.6 mm)	VAR-4016VDG
0.86 mm K-wire drill guide, locking, 1.6 mm/2.0 mm	VAR-4020KDG*
Bending iron, small (1.6 mm/2.0 mm)	VAR-4000-07
BB-Tak, small 1.1 mm × 40 mm (1.6 mm/2.0 mm/2.4 mm)	VAR-8933BB*
BB-Tak, small, threaded 1.1 mm × 40 mm (1.6 mm/2.0 mm/2.4 mm)	VAR-8933TBB*
Guidewire w/ trocar tip, 0.86 mm × 80 mm (1.6 mm/2.0 mm)	VAR-8929K*

Instruments for 2.0 mm OrthoLine Plating System (Blue)	VAR-3120S-01
Drill bit, solid, AO, 1.5 mm (2.0 mm)	VAR-4020D
Drill bit, solid, short, AO, 1.5 mm (2.0 mm)	VAR-4020SD
Depth measuring device (1.6 mm/2.0 mm/2.4 mm)	VAR-2024DD
T6 driver (1.6 mm/2.0 mm)	VAR-4020-01
T6 screwdriver (1.6 mm/2.0 mm)	VAR-4020-02
Bending plug caddy	VAR-4000BPC
General sterilization case	VAR-4000GC
General sterilization case insert	VAR-4000GC-01
Screw caddy VAL, 2.0 mm	VAR-3020SC-01
Bending plug cannulated, 1.6 mm/2.0 mm	VAR-4020-04
Screw holding forceps	VAR-8941F
Drill/depth guide, locking 2.0 mm (2.0 mm)	VAR-4020DG
Long drill guide, locking, 2.0 mm*	VAR-4020DG-LNG
Tap/drill guide, 2.0/1.5 mm (2.0 mm)	VAR-4020TDG
Drill guide, variable, 2.0 mm (2.0 mm)	VAR-4020VDG
0.86 mm K-wire drill guide, locking, 1.6 mm/2.0 mm	VAR-4020KDG*
Bone tap, 2.0 mm (2.0 mm)	VAR-4020T*
Bending iron, small (1.6 mm/2.0 mm)	VAR-4000-07
BB-Tak, small 1.1 mm × 40 mm (1.6 mm/2.0 mm/2.4 mm)	VAR-8933BB*
BB-Tak, small, threaded 1.1 mm × 40 mm (1.6 mm/2.0 mm/2.4 mm)	VAR-8933TBB*
Guidewire w/ trocar tip, 0.86 × 80 mm (1.6 mm/2.0 mm)	VAR-8929K*
Instruments for 2.4 mm OrthoLine Plating System (Green)	VAR-3124S-01
Drill bit, solid, AO, 1.8 mm (2.4 mm)	VAR-4024D
Drill bit, solid, short, AO, 1.8 mm (2.4 mm)	VAR-4024SD
Depth measuring device (1.6 mm/2.0 mm/2.4 mm)	VAR-2024DD
T8 driver (2.4 mm mm)	VAR-4024-01
T8 screwdriver (2.4 mm)	VAR-4024-02
Bending plug caddy	VAR-4000BPC
General sterilization case	VAR-4000GC
General sterilization case insert	VAR-4000GC-01
Screw caddy VAL, 2.4 mm	VAR-3024SC-01
Bending plug cannulated, 2.4 mm	VAR-4024-04
Screw holding forceps	VAR-8941F
Drill/depth guide, locking, 2.4 mm (2.4 mm)	VAR-4024DG
Long drill guide, locking, 2.4 mm*	VAR-4024DG-LNG
Tap/drill guide, 2.4 mm/1.8 mm (2.4 mm)	VAR-4024TDG
Drill guide, variable, 2.4 mm (2.4 mm)	VAR-4024VDG
1.14 mm K-wire drill guide, locking, 2.4 mm	VAR-4024KDG*
Bone tap, 2.4 mm (2.4 mm)	VAR-4024T*
Bending iron, medium (2.4 mm/3.0 mm)	VAR-4000-08
BB-Tak, small 1.1 mm × 40 mm (1.6 mm/2.0 mm/2.4 mm)	VAR-8933BB*
BB-Tak, small, threaded 1.1 mm × 40 mm (1.6 mm/2.0 mm/2.4 mm)	VAR-8933TBB*
Guidewire w/ trocar tip, 1.1 mm × 150 mm (2.4 mm/3.0 mm)	VAR-8933K*

Compatible OrthoLine plate size is given in parentheses

*Not included in set

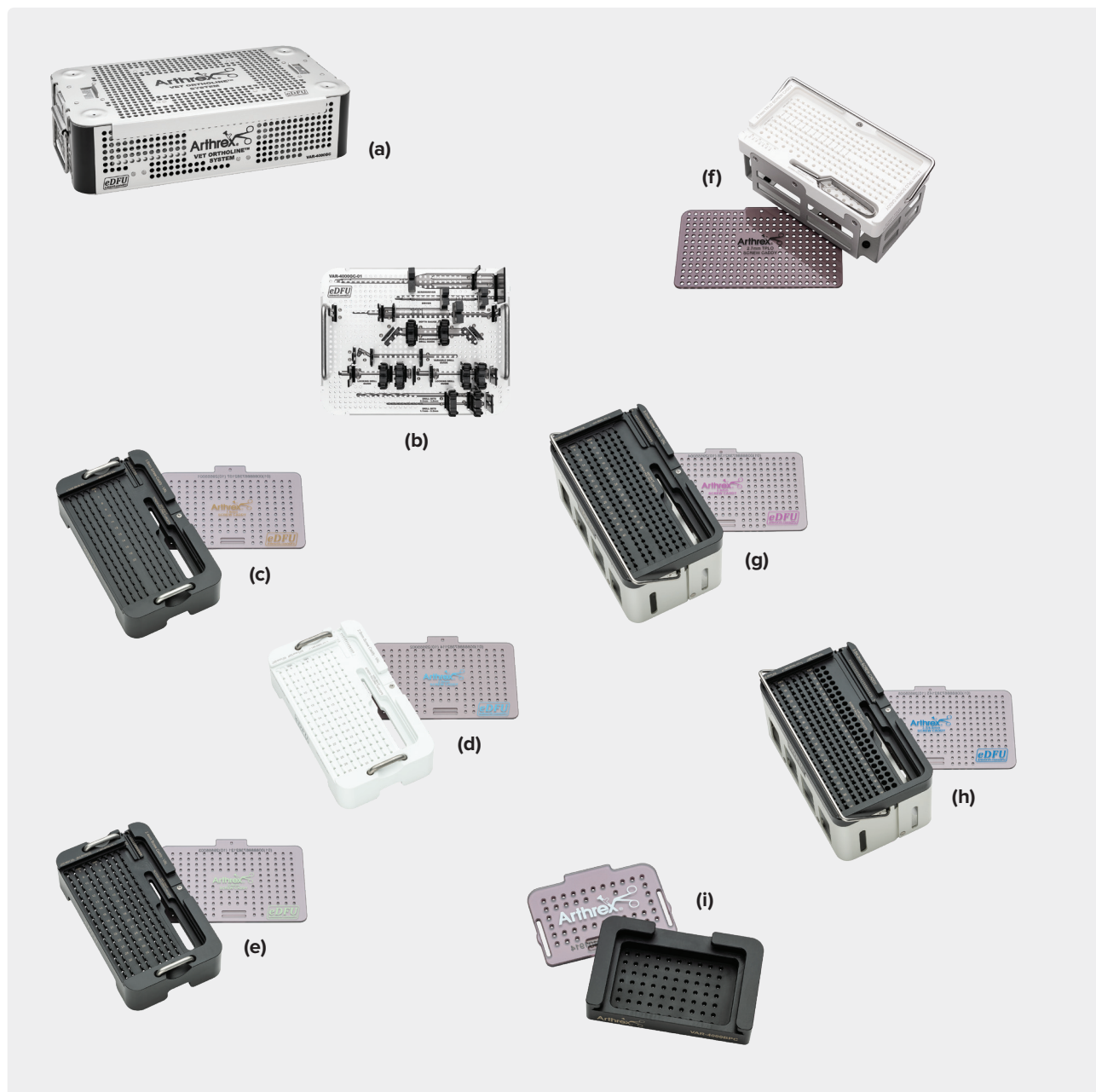
Instruments for 2.7 mm OrthoLine™ Plating System (Matte)	VAR-3027S-01
2.0 mm drill bit (2.7 mm)	VAR-8944-22
Depth measuring device (2.7 mm/3.0 mm/3.5 mm/4.0 mm)	VAR-8943-15
T10 driver	VAR-8944DH
T10 screwdriver	VAR-8943-08
Bending plug caddy	VAR-4000BPC
General sterilization case	VAR-4000GC
General sterilization case insert	VAR-4000GC-01
TPLO screw caddy, 2.7 mm	VAR-4027SC-01
Bending plug cannulated, 2.7 mm	VAR-4027-04
Screw holding forceps	VAR-8941F
2.7 mm locking drill guide	VAR-8950-07
2.0 mm/3.0 mm nonlocking drill guide	VAR-8943-31
Bone tap, 2.7 mm	VAR-4027T*
Bending plug, cannulated, 2.7 mm	VAR-4027-04
Bending plug caddy	VAR-4000BPC
BB-Tak, large, threaded 1.6 mm × 50 mm	VAR-8941TBB*
BB-Tak, large 1.6 mm × 50 mm	VAR-8941BB*
Guidewire w/ trocar 1.1 × 150 mm	VAR-8933K*
Instruments for 3.0 mm OrthoLine Plating System (Purple)	VAR-3130S-01
Drill bit, solid, AO, 2.3 mm (3.0 mm)	VAR-4030D
Drill bit, solid, short, AO, 2.3 mm (3.0 mm)	VAR-4030SD
Depth measuring device (2.7 mm/3.0 mm/3.5 mm/4.0 mm)	VAR-8943-15
T10 driver (3.0 mm)	VAR-8944DH
T10 screwdriver (3.0 mm)	VAR-8943-08
Bending plug caddy	VAR-4000BPC
General sterilization case	VAR-4000GC
General sterilization case insert	VAR-4000GC-01
Screw caddy VAL, 3.0 mm	VAR-3030SC-01
Bending plug cannulated, 3.0 mm	VAR-4030-04
Screw holding forceps	VAR-8941F
Drill/depth guide, locking, 3.0 mm (3.0 mm)	VAR-4030DG
Long drill guide, locking, 3.0 mm	VAR-4030DG-LNG*
Tap/drill guide, 3.0 mm/2.3 mm (3.0 mm)	VAR-4030TDG
Drill guide, variable, 3.0 mm (3.0)	VAR-4030VDG
1.14 mm K-wire drill guide, locking, 2.7 mm/3.0 mm	VAR-4030KDG*
Drill guide, VAL, locking, 3.0 mm	VAR-4030VDGL*
Bone tap, 3.0 mm (3.0 mm)	VAR-4030T*
Bending iron, medium (2.4 mm/3.0 mm)	VAR-4000-08
BB-Tak, large 1.6 mm × 50 mm (2.4 mm/3.0 mm/3.5 mm)	VAR-8941BB*
BB-Tak, large, threaded 1.6 mm × 50 mm (2.4 mm/3.0 mm/3.5 mm)	VAR-8941TBB*
Guidewire w/ trocar tip, 1.1 mm × 150 mm (2.4 mm/3.0 mm)	VAR-8933K*

Instruments for 3.5 mm/4.0 mm OrthoLine Plating System (Matte)	VAR-3035S-01
Drill bit, solid, short, AO, 2.5 mm (3.5 mm cortical)	VAR-8943-30
Drill bit, solid, AO, 2.8 mm (3.5 mm locking)	VAR-4035D
Drill bit, solid, AO, 3.5 mm (4.0 mm)	VAR-4040D
Drill/depth guide, locking, 4.0 mm	VAR-4040DG
Depth measuring device (2.7 mm/3.0 mm/3.5 mm/4.0 mm)	VAR-8943-15
T15 driver (3.5 mm)	VAR-8941DH
T15 screwdriver (3.5 mm)	VAR-8943-10
Bending plug caddy	VAR-4000BPC
General sterilization case	VAR-4000GC
General sterilization case insert	VAR-4000GC-01
Screw caddy, 3.5 mm/4.0 mm	VAR-4035SC-02
Bending plug cannulated, 3.5 mm	VAR-4035-04
Screw holding forceps	VAR-8941F
Drill/depth guide, locking, 3.5 mm (3.5 mm)	VAR-4035DG
Drill/depth guide, locking, 4.0 mm (3.5 mm)	VAR-4040DG
Drill guide, variable, 3.5 mm	VAR-4035VDG*
Drill guide, VAL, 3.5 mm	VAR-4035VDGL*
Drill guide (3.5 mm)	VAR-8943-14
1.3 mm K-wire drill guide, locking, 3.5 mm	VAR-4035KDG*
Bending iron, large (3.5 mm/3.5 mm broad)	VAR-4000-09
BB-Tak, large 1.6 mm × 50 mm (2.4 mm/3.0 mm/3.5 mm)	VAR-8941BB*
BB-Tak, large, threaded 1.6 mm × 50 mm (2.4 mm/3.0 mm/3.5 mm)	VAR-8941TBB*
Guidewire w/ trocar tip, 1.3 mm × 150 mm (3.5 mm)	VAR-8937K*

Compatible OrthoLine plate size is given in parentheses

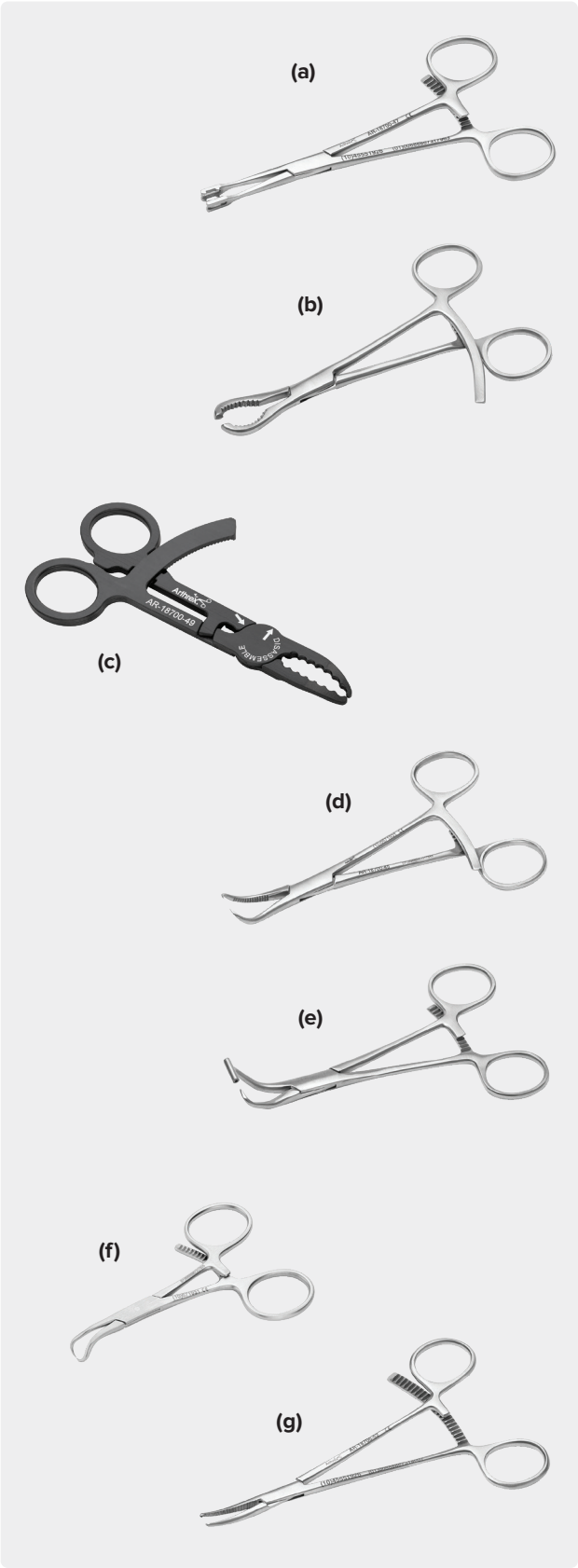
*Not included in set

OrthoLine™ Cases and Caddies



OrthoLine system case (a)	VAR-4000GC
Generic case insert (b)	VAR-4000GC-01
1.4 mm instrument case	VAR-4010C
1.4 mm instrument case insert	VAR-40141C-01
1.4 mm screw caddy	VAR-4014SC-01
1.6 mm screw caddy (c)	VAR-3016SC-01
2.0 mm screw caddy (d)	VAR-3020SC-01
2.4 mm screw caddy (e)	VAR-3024SC-01
2.7 mm screw caddy (f)	VAR-4027SC-01
3.0 mm screw caddy (g)	VAR-3030SC-01
3.5 mm/4.0 mm screw caddy (h)	VAR-4035SC-02
1.4 mm bending plug caddy (i)	VAR-4000BPC-01
Bending plug caddy	VAR-4000BPC
3.0 mm hybrid/3.5 mm screw caddy (coming soon)	VAR-3035SC-01
3.0 mm hybrid screw caddy lid (coming soon)	VAR-3035HSL-01

OrthoLine™ Fracture Reduction System

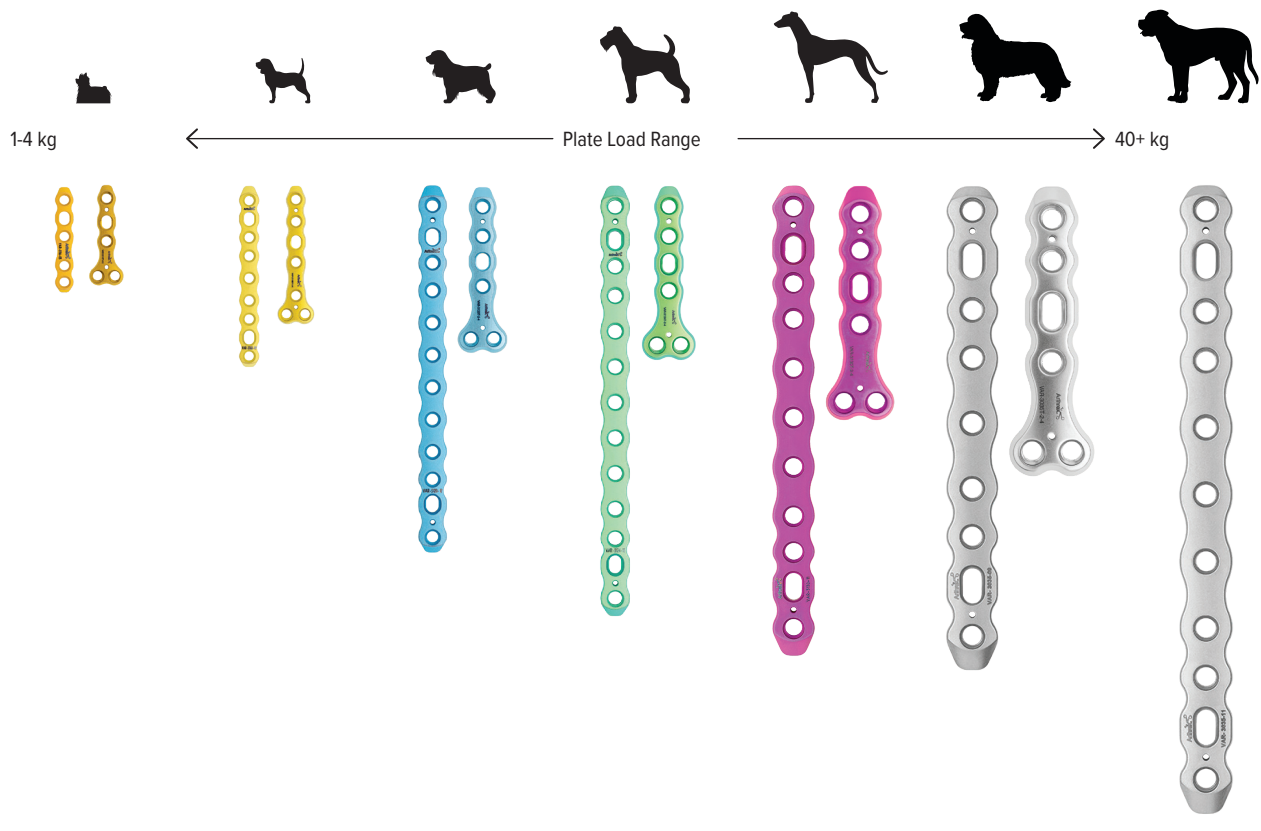


The OrthoLine fracture reduction system simplifies bone fracture relocation or transfer stability and aligns with the OrthoLine fracture management system. The strong, lightweight, carbon fiber, radiolucent lobster claw allows imaging-guided fracture reduction procedures that do not require removing clamps. The reduction forceps with guidewire hold a small bone in apposition during a fracture reduction. The clamp can help with insertion of cannulated screw guidewires.

Freer elevator	VAR-4000-10
Hohmann retractor, double-ended, 6/10 mm	VAR-4000-11
Ikuta clamp (a)	VAR-4000-12
Lobster clamp, mini (b)	VAR-4000-13
Lobster clamp, mini, radiolucent (c)	VAR-4000-14
Periosteal elevator, 6 mm, curved blade	VAR-4000-15
Pliers, needlenose	VAR-4000-16
Pointed reduction forceps (d)	VAR-4000-17
Reduction forceps, guidewire (e)	VAR-4000-18
Sharp hook	VAR-4000-19
Termite forceps (f)	VAR-4000-20
Toothed reduction forceps, Kocher (g)	VAR-4000-21

OrthoLine™ System Weight Reference Charts

Straight and T-Plates



Straight, T-Plate, and Cuttable Plate

							
	1-4 kg	4-8 kg	8-12 kg	13-19 kg	20-30 kg	31-45 kg	45-55+ kg
Radius	1.4 mm 1.6 mm 1.6 mm B	2.0 mm	2.0 mm 2.4 mm	3.0 mm	3.0 mm 3.5 mm	3.5 mm	3.5 mm
Humerus	1.4 mm 1.6 mm 1.6 mm B	2.0 mm 2.4 mm	2.4 mm 3.0 mm	3.0 mm 3.5 mm	3.5 mm	3.5 mm 3.5 mm B	3.5 mm B
Femur	1.4 mm 1.6 mm 1.6 mm B	2.0 mm 2.4 mm	2.4 mm 3.0 mm	3.0 mm 3.5 mm	3.5 mm	3.5 mm 3.5 mm B	3.5 mm B
Tibia	1.4 mm 1.6 mm 1.6 mm B	2.0 mm 2.4 mm	2.4 mm	3.0 mm 3.5 mm	3.5 mm	3.5 mm 3.5 mm B	3.5 mm B
T-Plate	1.4 mm 1.6 mm 1.6 mm B	2.0 mm	2.0 mm 2.4 mm	3.0 mm	3.5 mm	3.5 mm	3.5 mm

Distal Humeral Plate

					
	1-6 kg	6-8 kg	8-13 kg	13-20 kg	20-35 kg
Humerus	2.0 mm	2.0 mm	2.4 mm	3.0 mm	3.5 mm
Screw Range	1.6 mm/2.0 mm	2.0 mm	2.0 mm/2.4 mm	2.4 mm/3.0 mm	2.7 mm/3.5 mm
	   				

Distal Femur Osteotomy Plate

					
	1-6 kg	6-8 kg	8-13 kg	13-20 kg	20-35 kg
	1.6 mm B	2.0 mm	2.4 mm	3.0 mm	3.5 mm
	    				

Distal Femoral Plate

				
1-6 kg	6-8 kg	8-13 kg	13-20 kg	20-35 kg
1.6 mm B	1.6 mm B/2.0 mm	2.4 mm	3.0 mm	3.5 mm
				

Proximal Femoral Plate

						
1-4 kg	4-6 kg	7-12 kg	13-19 kg	20-32 kg	31-46 kg	45-55 kg
1.6 mm B	1.6 mm B/2.0 mm	2.4 mm	3.0 mm	3.5 mm	3.5 mm/3.5 mm B	3.5 mm B
						

Radial Fracture Plate

				
1-6 kg	6-8 kg	8-13 kg	13-20 kg	20-35 kg
1.6 mm/1.6 mm B	2.0 mm	2.4 mm	3.0 mm	3.5 mm
				

Iliac Fracture Plate

				
1-6 kg	6-8 kg	8-13 kg	13-20 kg	20-35 kg
1.6 mm B	2.0 mm	2.4 mm	3.0 mm	3.5 mm
				

Bridge Plate

							
	1-4 kg	4-8 kg	8-12 kg	13-19 kg	20-30 kg	31-45 kg	45-55+ kg
Radius	1.4 mm, 1.6 mm	2.0 mm	2.0 mm, 2.4 mm	3.0 mm	3.0 mm, 3.5 mm	3.5 mm	3.5 mm
Humerus	1.4 mm, 1.6 mm	2.0 mm, 2.4 mm	2.4 mm, 3.0 mm	2.4 mm, 3.0 mm	3.5 mm	3.5 mm	
Femur	1.4 mm, 1.6 mm	2.0 mm, 2.4 mm	2.4 mm, 3.0 mm	2.4 mm, 3.0 mm	3.5 mm	3.5 mm	
Tibia	1.4 mm, 1.6 mm	2.0 mm, 2.4 mm	2.4 mm	2.4 mm	3.5 mm	3.5 mm	

Acetabular Plate

							
	1-4 kg	4-10 kg	8-18 kg	16-30 kg	25-39 kg	35-50 kg	45+ kg
	1.4 mm	1.6 mm	2.0 mm	2.4 mm, short	2.4 mm	3.0 mm	3.0 mm B
							

All weight ranges are suggestions based on the ultimate load of the product and/or on our veterinary consultants' recommendations. It is up to the veterinarian to determine the proper product, application, technique, and weight range for using the selected product.

Screw and Drill Bit Reference Charts

Locking Screw and Drill Bit

	Product Image	Item Number	Thread Diameter	Screw Type	Length Range	Drill Bit	Drill Bit Number	Drill Bit Overall Length	Tap	Tap Number
T6 Hexalobe		VAR-8920L-XX	2.0 mm	Low-profile locking screw	6-14 mm, increments of one 16-40 mm, increments of two	1.5 mm	VAR-4020D	5.3 in	2.0 mm	VAR-4020T
T8 Hexalobe		VAR-8924L-XX	2.4 mm	Low-profile locking screw	6-14 mm, increments of one 16-40 mm, increments of two	1.8 mm	VAR-4024D	5.3 in	2.4 mm	VAR-4024T
T10 Hexalobe		VAR-8930L-XX	3.0 mm	Low-profile locking screw, Ti	8-50 mm, increments of two 55 mm	2.3 mm	VAR-4030D	5.3 in	3.0 mm	VAR-4030T
T15 Hexalobe		VAR-8835L-XX	3.5 mm	Low-profile locking screw, SS	8-60 mm, increments of two	2.8 mm	VAR-4035D	6.9 in	N/A	N/A
		VAR-8935L-XX	3.5 mm	Low-profile locking screw, Ti	10-60 mm increments of two 65 mm	2.8 mm	VAR-4035D	6.9 in	N/A	N/A
		VAR-8840L-XX	4.0 mm	Low-profile locking screw, SS	18-60 mm, increments of two 65 mm	3.5 mm	VAR-4040D	7.1 in	N/A	N/A
T20 Hexalobe		VAR-8845L-XX	4.5 mm	Low-profile locking screw	24-65 mm, increments of two 65 mm	3.8 mm	VAR-4045D	6.4 in	N/A	N/A

Cortical Screw and Drill Bit

	Product Image	Item Number	Thread Diameter	Screw Type	Length Range	Drill Bit	Drill Bit Number	Drill Bit Overall Length	Tap	Tap Number
Hexalobe T4		VAR-8912-XX	1.2 mm	Cortical screw, Ti	4-16 mm increments of one	0.7 mm	VAR-4012D-07	2.2 in	1.2 mm	VAR-4012T
T6 Hexalobe		VAR-8916-XX	1.6 mm	Cortical screw, Ti	5-14 mm, increments of one 16-24 mm, increments of two	1.1 mm	VAR-4016D	4.4 in	N/A	N/A
		VAR-8920-XX	2.0 mm	Cortical screw, Ti	6-14 mm, increments of one 16-40 mm, increments of two	1.5 mm	VAR-4020D	5.3 in	2.0 mm	VAR-4020T
T8 Hexalobe		VAR-8924-XX	2.4 mm	Cortical screw, Ti	6-14 mm, increments of one 16-40 mm, increments of two	1.8 mm	VAR-4024D	5.3 in	2.4 mm	VAR-4024T
T10 Hexalobe		VAR-8930-XX	3.0 mm	Cortical screw, Ti	8-50 mm, increments of two 55 mm	2.3 mm	VAR-4030D	5.3 in	3.0 mm	VAR-4030T
T15 Hexalobe		VAR-8835-XX	3.5 mm	Cortical screw	8-60 mm, increments of two 65 mm	2.5 mm	VAR-8943-30	4.3 in	N/A	N/A
		VAR-8935-XX	3.5 mm	Cortical screw, Ti	10-60 mm increments of two 65 mm	2.5 mm	VAR-8943-30	4.3 in	N/A	N/A
T20 Hexalobe		VAR-8845-XX	4.5 mm	Cortical screw	24 mm-60 mm, increments of two 65 mm	3.0 mm	VAR-8970-30	6.4 in	N/A	N/A

Variable-Angle Screw and Drill Bit

	Product Image	Item Number	Thread Diameter	Screw Type	Length Range	Drill Bit	Drill Bit Number	Drill Bit Overall Length	Tap	Tap Number
Hexalobe T4		VAR-8914V-XX	1.4 mm	Variable Angle Screw, Ti	4-16 mm increments of one, 18 mm	0.9 mm	VAR-4014D-09	2.6 in	1.4 mm	VAR-4014T
T6 Hexalobe		VAR-8916V-XX	1.6 mm	Variable angle screw, Ti	5-14 mm, increments of one 16-24 mm, increments of two	1.1 mm	VAR-4016D	4.4 in	N/A	N/A
		VAR-8920V-XX	2.0 mm	Variable angle screw, Ti	6-14 mm, increments of one 16-40 mm, increments of two	1.5 mm	VAR-4020D	5.3 in	2.0 mm	VAR-4020T
T8 Hexalobe		VAR-8924V-XX	2.4 mm	Variable angle screw, Ti	6-14 mm, increments of one 16-40 mm, increments of two	1.8 mm	VAR-4024D	5.3 in	2.4 mm	VAR-4024T
T10 Hexalobe		VAR-8930V-XX	3.0 mm	Variable angle screw, Ti	8-50 mm, increments of two 55 mm	2.3 mm	VAR-4030D	5.3 in	3.0 mm	VAR-4030T
T15 Hexalobe		VAR-8935V-XX	3.5 mm	Variable angle screw, Ti	10-60 increments of two 65 mm	2.8 mm	VAR-4035D	6.9 in	N/A	N/A
		VAR-8835V-XX	3.5 mm	Variable angle screw, SS	10-60 increments of two 65 mm	2.8 mm	VAR-4035D	6.9 in	N/A	N/A

OrthoLine™ System Fracture Plate Sizing Charts

1.6 mm Plates

	Product Image	Item Number	Max Width (mm)	Length (mm)	Max Thickness (mm)	Screw Holes	K-Wire Hole Size (mm)
Straight Plate, Ti*, 1.6 mm		VAR-3116-05	5.0	29.0	1.4	5 holes	
		VAR-3116-06	5.0	34.5	1.4	6 holes	
		VAR-3116-07	5.0	39.5	1.4	7 holes	
Straight Plate, Broad, Ti*, 1.6 mm		VAR-3116B-05	5.5	29.5	1.74	5 holes	
		VAR-3116B-06	5.5	35.0	1.74	6 holes	
		VAR-3116B-07	5.5	40.0	1.74	7 holes	
		VAR-3116B-08	5.5	45.0	1.74	8 holes	
		VAR-3116B-09	5.5	49.0	1.74	9 holes	
		VAR-3116B-10	5.5	55.0	1.74	10 holes	
T-Plate, Ti*, 1.6 mm		VAR-3116T-2-3	5.0	26.2	1.41	2 holes / 3 holes	0.86 × 80 VAR-8929K
T-Plate, Broad, Ti*, 1.6 mm		VAR-3116BT-2-3	5.5	26.6	1.75	2 holes / 3 holes	0.86 × 80 VAR-8929K
		VAR-3116BT-3-4	5.5	37.5	1.75	3 holes / 4 holes	0.86 × 80 VAR-8929K

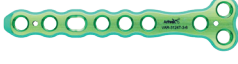
*Ti = titanium

2.0 mm Plates

	Product Image	Item Number	Max Width (mm)	Length (mm)	Max Thickness (mm)	Screw Holes	K-Wire Hole Size (mm)
Straight Plate, Ti*, 2.0 mm		VAR-3120-06	6.2	43.0	2.34	6 holes	0.86 × 80 VAR-8929K
		VAR-3120-07	6.2	49.0	2.34	7 holes	0.86 × 80 VAR-8929K
		VAR-3120-08	6.2	55.0	2.34	8 holes	0.86 × 80 VAR-8929K
		VAR-3120-09	6.2	59.0	2.34	9 holes	0.86 × 80 VAR-8929K
		VAR-3120-10	6.2	66.0	2.34	10 holes	0.86 × 80 VAR-8929K
		VAR-3120-11	6.2	73.0	2.34	11 holes	0.86 × 80 VAR-8929K
		VAR-3120-12	6.2	80.0	2.34	12 holes	0.86 × 80 VAR-8929K
		VAR-3120-13	6.2	87.0	2.34	13 holes	0.86 × 80 VAR-8929K
		VAR-3120-14	6.2	94.0	2.34	14 holes	0.86 × 80 VAR-8929K
		VAR-3120-15	6.2	101.0	2.34	15 holes	0.86 × 80 VAR-8929K
T-Plate, Ti*, 2.0 mm		VAR-3120T-2-4	6.2	36.7	2.07	2 holes / 4 holes	0.86 × 80 VAR-8929K
		VAR-3120T-2-6	6.2	45.7	2.2	2 holes / 6 holes	0.86 × 80 VAR-8929K
		VAR-3120T-3-4	6.2	41.75	2.07	3 holes / 4 holes	0.86 × 80 VAR-8929K
		VAR-3120T-3-6	6.2	50.7	2.2	3 holes / 6 holes	0.86 × 80 VAR-8929K

*Ti = titanium

2.4 mm Plates

	Product Image	Item Number	Max Width (mm)	Length (mm)	Max Thickness (mm)	Screw Holes	K-Wire Hole Size (mm)
Straight Plate, Ti*, 2.4 mm		VAR-3124-06	7.5	52.5	2.85	6 holes	1.14 × 150 VAR-8933K
		VAR-3124-07	7.5	60.0	2.85	7 holes	1.14 × 150 VAR-8933K
		VAR-3124-08	7.5	67.5	2.85	8 holes	1.14 × 150 VAR-8933K
		VAR-3124-09	7.5	73.5	2.85	9 holes	1.14 × 150 VAR-8933K
		VAR-3124-10	7.5	82.5	2.85	10 holes	1.14 × 150 VAR-8933K
		VAR-3124-11	7.5	91.5	2.85	11 holes	1.14 × 150 VAR-8933K
		VAR-3124-12	7.5	100.5	2.85	12 holes	1.14 × 150 VAR-8933K
		VAR-3124-13	7.5	109.5	2.85	13 holes	1.14 × 150 VAR-8933K
		VAR-3124-14	7.5	118.5	2.85	14 holes	1.14 × 150 VAR-8933K
		VAR-3124-15	7.5	127.5	2.85	15 holes	1.14 × 150 VAR-8933K
T-Plate, Ti*, 2.4 mm		VAR-3124T-2-4	7.5	43.83	2.6	2 holes / 4 holes	1.14 × 150 VAR-8933K
		VAR-3124T-2-6	7.5	55.3	2.7	2 holes / 6 holes	1.14 × 150 VAR-8933K
		VAR-3124T-3-4	7.5	49.95	2.6	3 holes / 4 holes	1.14 × 150 VAR-8933K
		VAR-3124T-3-6	7.5	62.8	2.7	3 holes / 6 holes	1.14 × 150 VAR-8933K

*Ti = titanium

3.0 mm Plates

	Product Image	Item Number	Max Width (mm)	Length (mm)	Max Thickness (mm)	Screw Holes	K-Wire Hole Size (mm)
Straight Plate, Ti*, 3.0 mm		VAR-3130-06	9.5	60.5	3.53	6 holes	1.14 × 150 VAR-8933K
		VAR-3130-07	9.5	68.5	3.53	7 holes	1.14 × 150 VAR-8933K
		VAR-3130-08	9.5	76.5	3.53	8 holes	1.14 × 150 VAR-8933K
		VAR-3130-09	9.5	83.5	3.53	9 holes	1.14 × 150 VAR-8933K
		VAR-3130-10	9.5	94.5	3.53	10 holes	1.14 × 150 VAR-8933K
		VAR-3130-11	9.5	105.5	3.53	11 holes	1.14 × 150 VAR-8933K
		VAR-3130-12	9.5	116.5	3.53	12 holes	1.14 × 150 VAR-8933K
		VAR-3130-13	9.5	127.5	3.53	13 holes	1.14 × 150 VAR-8933K
		VAR-3130-14	9.5	138.5	3.53	14 holes	1.14 × 150 VAR-8933K
		VAR-3130-15	9.5	149.5	3.53	15 holes	1.14 × 150 VAR-8933K
		VAR-3130-16	9.5	160.5	3.53	16 holes	1.14 × 150 VAR-8933K
		VAR-3130-17	9.5	171.5	3.53	17 holes	1.14 × 150 VAR-8933K

*Ti = titanium

	Product Image	Item Number	Max Width (mm)	Length (mm)	Max Thickness (mm)	Screw Holes	K-Wire Hole Size (mm)
Straight Plate, Ti*, 3.0 mm		VAR-3130-18	9.5	182.5	3.25	18 holes	1.14 × 150 VAR-8933K
		VAR-3130-19	9.5	193.5	3.25	19 holes	1.14 × 150 VAR-8933K
		VAR-3130-20	9.5	204.5	3.25	20 holes	1.14 × 150 VAR-8933K
		VAR-3130-21	9.5	215.5	3.25	21 holes	1.14 × 150 VAR-8933K
		VAR-3130-22	9.5	226.5	3.25	22 holes	1.14 × 150 VAR-8933K
T-Plate, Ti*, 3.0 mm		VAR-3130T-2-4	9.5	51.9	3.25	2 holes / 4 holes	1.14 × 150 VAR-8933K
		VAR-3130T-2-6	9.5	64.8	3.4	2 holes / 6 holes	1.14 × 150 VAR-8933K
		VAR-3130T-2-8	9.5	82.8	3.4	2 holes / 8 holes	1.14 × 150 VAR-8933K
		VAR-3130T-3-4	9.5	59.05	3.25	3 holes / 4 holes	1.14 × 150 VAR-8933K
		VAR-3130T-3-6	9.5	71.9	3.4	3 holes / 6 holes	1.14 × 150 VAR-8933K
		VAR-3130T-3-8	9.5	95.9	3.4	3 holes / 8 holes	1.14 × 150 VAR-8933K
		VAR-3130T-3-13	9.5	148.4	3.6	3 holes / 13 holes	1.14 × 150 VAR-8933K

*Ti = titanium

3.5 mm Plates

	Product Image	Item Number	Max Width (mm)	Length (mm)	Max Thickness (mm)	Screw Holes	K-Wire Hole Size (mm)
Straight Plate, SS*, 3.5 mm		VAR-3035-06	12.0	78.0	4.0	6 holes	1.3 × 150 VAR-8937K
		VAR-3035-07	12.0	89.0	4.0	7 holes	1.3 × 150 VAR-8937K
		VAR-3035-08	12.0	100.0	4.0	8 holes	1.3 × 150 VAR-8937K
		VAR-3035-09	12.0	111.5	4.0	9 holes	1.3 × 150 VAR-8937K
		VAR-3035-10	12.0	126.5	4.0	10 holes	1.3 × 150 VAR-8937K
		VAR-3035-11	12.0	141.5	4.0	11 holes	1.3 × 150 VAR-8937K
		VAR-3035-12	12.0	156.5	4.0	12 holes	1.3 × 150 VAR-8937K
		VAR-3035-13	12.0	171.5	4.0	13 holes	1.3 × 150 VAR-8937K
		VAR-3035-14	12.0	186.5	4.0	14 holes	1.3 × 150 VAR-8937K
		VAR-3035-15	12.0	201.5	4.0	15 holes	1.3 × 150 VAR-8937K
		VAR-3035-16	12.0	216.5	4.0	16 holes	1.3 × 150 VAR-8937K
		VAR-3035-17	12.0	231.5	4.0	17 holes	1.3 × 150 VAR-8937K

*SS = stainless steel

	Product Image	Item Number	Max Width (mm)	Length (mm)	Max Thickness (mm)	Screw Holes	K-Wire Hole Size (mm)
Straight Plate, SS*, 3.5 mm		VAR-3035-18	12.0	246.5	4.0	18 holes	1.3 × 150 VAR-8937K
		VAR-3035-19	12.0	261.5	4.0	19 holes	1.3 × 150 VAR-8937K
		VAR-3035-20	12.0	276.5	4.0	20 holes	1.3 × 150 VAR-8937K

*SS = stainless steel

	Product Image	Item Number	Max Width (mm)	Length (mm)	Max Thickness (mm)	Screw Holes	K-Wire Hole Size (mm)
Straight Plate, Broad, SS*, 3.5 mm		VAR-3035B-08	14.0	111.5	5.1	8 holes	1.3 × 150 VAR-8937K
		VAR-3035B-09	14.0	125.0	5.1	9 holes	1.3 × 150 VAR-8937K
		VAR-3035B-10	14.0	141.0	5.1	10 holes	1.3 × 150 VAR-8937K
		VAR-3035B-11	14.0	157.0	5.1	11 holes	1.3 × 150 VAR-8937K
		VAR-3035B-12	14.0	173.0	5.1	12 holes	1.3 × 150 VAR-8937K
		VAR-3035B-13	14.0	189.0	5.1	13 holes	1.3 × 150 VAR-8937K
		VAR-3035B-14	14.0	205.0	5.1	14 holes	1.3 × 150 VAR-8937K
		VAR-3035B-15	14.0	221.0	5.1	15 holes	1.3 × 150 VAR-8937K
		VAR-3035B-16	14.0	237.0	5.1	16 holes	1.3 × 150 VAR-8937K
		VAR-3035B-17	14.0	253.0	5.1	17 holes	1.3 × 150 VAR-8937K
		VAR-3035B-18	14.0	269.0	5.1	18 holes	1.3 × 150 VAR-8937K
		VAR-3035B-19	14.0	285.0	5.1	19 holes	1.3 × 150 VAR-8937K
		VAR-3035B-20	14.0	301.0	5.1	20 holes	1.3 × 150 VAR-8937K

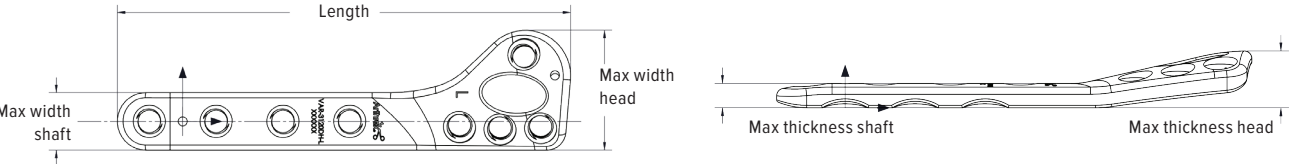
*SS = stainless steel

	Product Image	Item Number	Max Width (mm)	Length (mm)	Max Thickness (mm)	Screw Holes	K-Wire Hole Size (mm)
T-Plate, SS*, 3.5 mm		VAR-3035T-2-4	12.0	65.33	3.52	2 holes / 4 holes	1.3 × 150 VAR-8937K
		VAR-3035T-2-6	12.0	82.8	3.8	2 holes / 6 holes	1.3 × 150 VAR-8937K
		VAR-3035T-2-8	12.0	107.8	3.8	2 holes / 8 holes	1.3 × 150 VAR-8937K
		VAR-3035T-3-4	12.0	73.7	3.52	3 holes / 4 holes	1.3 × 150 VAR-8937K
		VAR-3035T-3-6	12.0	90.4	3.8	3 holes / 6 holes	1.3 × 150 VAR-8937K
		VAR-3035T-3-8	12.0	127.2	3.8	3 holes / 8 holes	1.3 × 150 VAR-8937K
		VAR-3035T-3-12	12.0	183.3	4.0	3 holes / 12 holes	1.3 × 150 VAR-8937K

*SS = stainless steel

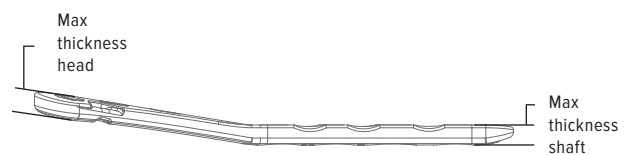
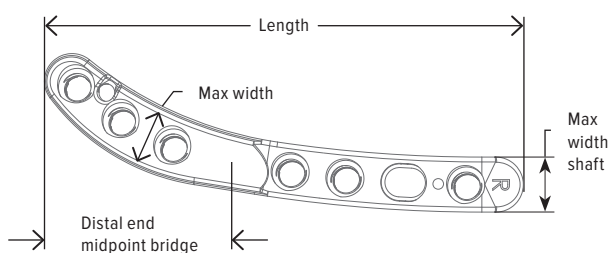
Distal Humeral Plate

	Product Image	Item Number	Length (mm)	Max Thickness Head (mm)	Max Thickness Shaft (mm)	Max Width Head (mm)	Max Width Shaft (mm)
Distal Humeral Plate Ti, 2.0 mm		VAR-3120DH-L	48.2	4.2	2.4	12.7	6.0
		VAR-3120DH-R					
Distal Humeral Plate Ti, 2.4 mm		VAR-3124DH-L	55.8	5.6	3.2	15.2	7.6
		VAR-3124DH-R					
Distal Humeral Plate Ti, 3.0 mm		VAR-3130DH-L	75.5	8.3	4.0	20.3	9.1
		VAR-3130DH-R					
Distal Humeral Plate SS, 3.5 mm		VAR-3035DH-L	85.2	9.2	4.4	22.3	10.6
		VAR-3035DH-R					



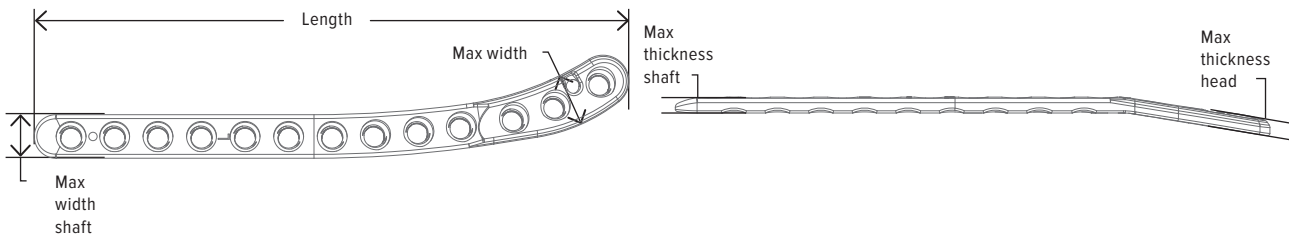
Distal Femur Osteotomy Plate

	Product Image	Item Number	Length (mm)	Max Thickness Head (mm)	Max Thickness Shaft (mm)	Max Width Head (mm)	Max Width Shaft (mm)
Distal Femur Osteotomy Plate, Ti, Broad, Short, 1.6 mm		VAR-3116BDFOS-L	39.4	1.8	1.8	6.04	5.0
		VAR-3116BDFOS-R					
Distal Femur Osteotomy Plate, Ti, Broad, 1.6 mm		VAR-3116BDFO-L	43.5	2.1	1.8	6.04	5.0
		VAR-3116BDFO-R					
Distal Femur Osteotomy Plate, Ti, Short, 2.0 mm		VAR-3120DFOS-L	42.7	2.5	2.3	7.4	6.0
		VAR-3120DFOS-R					
Distal Femur Osteotomy Plate, Ti, 2.0 mm		VAR-3120DFO-L	46.9	3.1	2.3	7.4	6.0
		VAR-3120DFO-R					
Distal Femur Osteotomy Plate, Ti, Short, 2.4 mm		VAR-3124DFOS-L	54.5	3.07	3.07	9.7	7.3
		VAR-3124DFOS-R					
Distal Femur Osteotomy Plate, Ti, 2.4 mm		VAR-3124DFO-L	57.3	3.6	3.07	9.7	7.3
		VAR-3124DFO-R					
Distal Femur Osteotomy Plate, Ti, 3.0 mm		VAR-3130DFO-L	72.7	3.5	3.6	10.5	9.3
		VAR-3130DFO-R					
Distal Femur Osteotomy Plate, SS, 3.5 mm		VAR-3035DFO-L	85.6	4.1	4.3	13.05	11.9
		VAR-3035DFO-R					

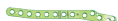
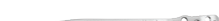


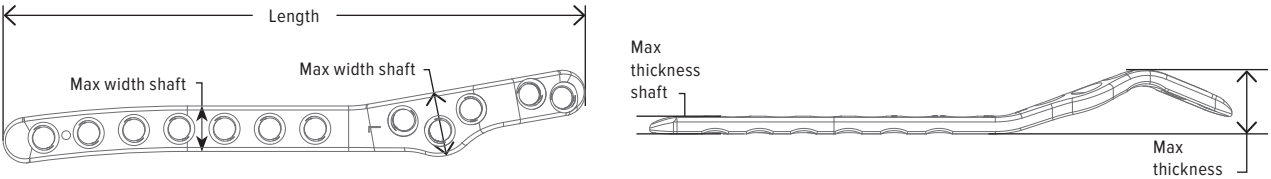
Distal Femur Fracture Plate

	Product Image	Item Number	Length (mm)	Max Thickness Head (mm)	Max Thickness Shaft (mm)	Max Width Head (mm)	Max Width Shaft (mm)
Distal Femur Plate, Ti, Broad, 1.6 mm		VAR-3116BDF-L	68.3	1.9	1.8	6.1	5.0
		VAR-3116BDF-R					
Distal Femur Plate, Ti, 2.0 mm		VAR-3120DF-L	81.6	3.1	2.3	7.4	6.0
		VAR-3120DF-R					
Distal Femur Plate, Ti, 2.4 mm		VAR-3124DF-L	104.4	3.5	2.8	9.6	7.3
		VAR-3124DF-R					
Distal Femur Plate, Ti, 3.0 mm		VAR-3130DF-R	131.8	3.6	3.6	10.6	9.3
		VAR-3130DF-L					
Distal Femur Plate, SS, 3.5 mm		VAR-3035DF-L	161.3	4.2	4.3	13.05	11.9
		VAR-3035DF-R					



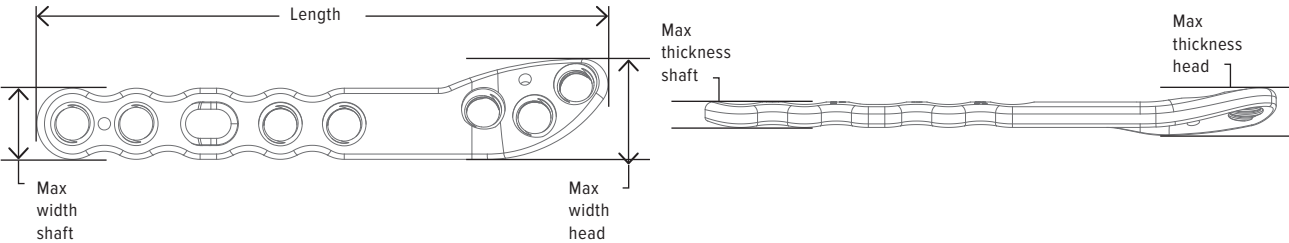
Proximal Femur Plate

	Product Image	Item Number	Length (mm)	Max Thickness Head (mm)	Max Thickness Shaft (mm)	Max Width Head (mm)	Max Width Shaft (mm)
Proximal Femur Plate, Ti, Broad, 1.6 mm		VAR-3116BPF-L	64.2	7.0	1.9	7.0	5.0
		VAR-3116BPF-R					
Proximal Femur Plate, Ti, 2.0 mm		VAR-3120PF-L	78.6	7.9	2.2	8.1	6.1
		VAR-3120PF-R					
Proximal Femur Plate, Ti, 2.4 mm		VAR-3124PF-L	96.5	9.7	2.9	9.5	7.6
		VAR-3124PF-R					
Proximal Femur Plate, Ti, 3.0 mm		VAR-3130PF-L	154.3	11.5	3.6	12.6	9.4
		VAR-3130PF-R					
Proximal Femur Plate, SS, Short, 3.5 mm		VAR-3035PFS-L	155.1	13.0	4.3	15.2	11.9
		VAR-3035PFS-R					
Proximal Femur Plate, SS, 3.5 mm		VAR-3035PF-L	188.1	13.0	4.3	15.2	11.9
		VAR-3035PF-R					
Proximal Femur Plate, SS, Broad, 3.5 mm		VAR-3035BPF-L	201.7	14.3	5.5	17.7	14.0
		VAR-3035BPF-R					



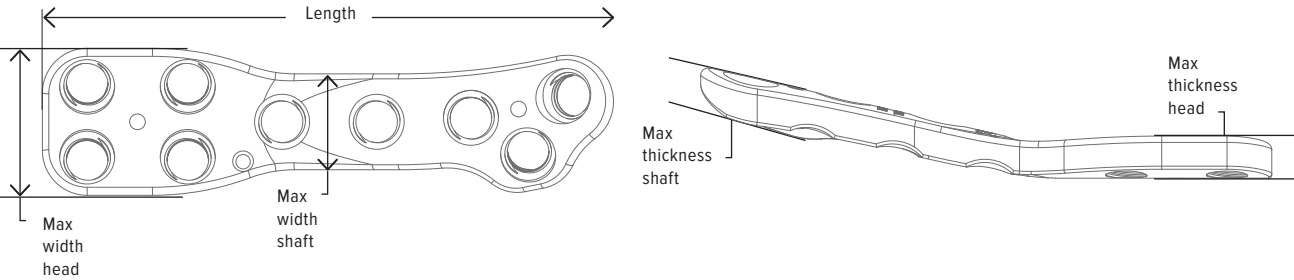
Distal Radial Fracture Plate

	Product Image	Item Number	Length (mm)	Max Thickness Head (mm)	Max Thickness Shaft (mm)	Max Width Head (mm)	Max Width Shaft (mm)
Distal Radial Plate, Ti, 1.6 mm		VAR-3116DR-L	39.0	2.6	1.4	7.3	5.0
		VAR-3116DR-R					
Distal Radial Plate, Ti, Broad, 1.6 mm		VAR-3116BDR-L	42.3	3.1	1.8	7.9	5.4
		VAR-3116BDR-R					
Distal Radial Plate, Ti, 2.0 mm		VAR-3120DR-L	46.9	3.7	1.9	8.8	5.7
		VAR-3120DR-R					
Distal Radial Plate, Ti, 2.4 mm		VAR-3124DR-L	57.2	4.7	2.5	10.0	7.1
		VAR-3124DR-R					
Distal Radial Plate, Ti, 3.0 mm		VAR-3130DR-L	64.1	5.4	3.2	11.6	8.8
		VAR-3130DR-R					
Distal Radial Plate, SS, 3.5 mm		VAR-3035DR-L	80.1	6.3	4.1	13.6	11.4
		VAR-3035DR-R					



Ilial Fracture Plate

	Product Image	Item Number	Length (mm)	Max Thickness Head (mm)	Max Thickness Shaft (mm)	Max Width Head (mm)	Max Width Shaft (mm)
Ilial Fracture Plate, Ti, 1.6 mm		VAR-3116I-L	35.8	1.8	2.0	7.9	5.0
		VAR-3116I-R					
Ilial Fracture Plate, Ti, 2.0 mm		VAR-3120I-L	38.0	2.5	2.7	9.1	6.1
		VAR-3120I-R					
Ilial Fracture Plate, Ti, 2.4 mm		VAR-3124I-L	45.3	3.3	3.5	11.6	7.6
		VAR-3124I-R					
Ilial Fracture Plate, Ti, 3.0 mm		VAR-3130I-L	60.8	3.9	5.2	13.4	9.4
		VAR-3130I-R					
Ilial Fracture Plate, SS, 3.5 mm		VAR-3035I-L	71.0	4.3	6.2	14.7	10.9
		VAR-3035I-R					
Ilial Fracture Plate, Long, SS, 3.5 mm		VAR-3035IL-L	94.3	4.3	6.4	14.7	10.9
		VAR-3035IL-R					



Cutable Plate

	Product Image	Item Number	Length (mm)	Max Thickness (mm)	Max Width (mm)
Cutable Plate, Ti, 1.4 mm		VAR-3114C-29	147.3	1.3	4.0
		VAR-3114CT-22	116.8	1.3	7.4
Cutable Plate, Ti, 1.6 mm		VAR-3116C-30	170.1	1.4	5.0
		VAR-3116CT-21	148.2	1.4	9.4
Cutable Plate, Ti, 1.6 mm, Broad		VAR-3116BC-30	170.1	1.8	5.5
		VAR-3116BCT-21	148.5	1.8	10.0
Cutable Plate, Ti, 2.0 mm		VAR-3120C-36	242.2	2.3	6.2
		VAR-3120CT-30	237.4	2.3	12.4
Cutable Plate, Ti, 2.4 mm		VAR-3124C-29	242.8	2.9	7.5
		VAR-3124CT-23	239.0	2.9	14.5

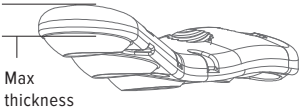
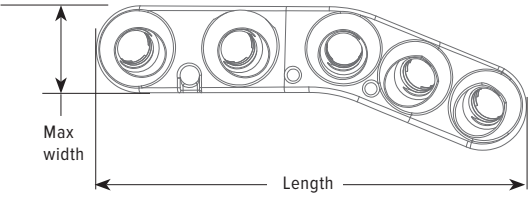
Acetabular Plate

	Product Image	Item Number	Length (mm)	Max Thickness (mm)	Max Width (mm)
Acetabular Fracture Plate, Ti, 1.4 mm		VAR-3114AC-L	23	1.3	4
		VAR-3114AC-R			
Acetabular Fracture Plate, Ti, 1.6 mm		VAR-3116AC-L	25	1.4	4.9
		VAR-3116AC-R			
Acetabular Fracture Plate, Ti, 2.0 mm		VAR-3120AC-L	31.9	1.5	6.2
		VAR-3120AC-R			
Acetabular Fracture Plate, Short, Ti, 2.4 mm		VAR-3124SAC-L	33	1.9	7.6
		VAR-3124SAC-R			
Acetabular Fracture Plate, Ti, 2.4 mm		VAR-3124AC-L	40	1.9	7.6
		VAR-3124AC-R			

	Product Image	Item Number	Length (mm)	Max Thickness (mm)	Max Width (mm)
Acetabular Fracture Plate, Ti, 3.0 mm		VAR-3130AC-L	44	2.5	8.8
		VAR-3130AC-R			

Acetabular Fracture Plate, Broad, Ti, 3.0 mm		VAR-3130BAC-L	49.9	2.7	8.8
		VAR-3130BAC-R			

*Ti = titanium



Reference Charts

Compression Movement Using Nonlocking Drill Guides

Size	50% Compression	100% Compression
1.6 mm	0.22	1.0 mm
2.0 mm	0.22	0.58 mm
2.4 mm	0.32	1.05 mm
3.0 mm	0.79	1.80 mm
3.5 mm	1.27	2.96 mm

When referring to 50% of the compression hole, this reference is 50% of the hole and not 50% of the ramp.

Screw Hole to Screw Hole Spacing

Straight Plates

Long Taper Hole Distances				Short Taper Hole Distances			
FG number	Hole 1-2 (Dimension 1)	Hole 2-3 (Dimension 2)	Hole 3-4 (Transition hole; Dimension 3)	Hole 1-2 (Dimension 4)	Hole 2-3 (Dimension 5)	Hole 3-4 (Transition hole; Dimension 6)	Center Holes (Dimension 7)
VAR-3035B-08	11 mm	11 mm	13 mm	11 mm	11 mm	13 mm	N/A
VAR-3035B-09	11 mm	11 mm	13 mm	11 mm	11 mm	13 mm	1 × 16 mm
VAR-3035B-10	11 mm	11 mm	13 mm	11 mm	11 mm	13 mm	2 × 16 mm
VAR-3035B-11	11 mm	11 mm	13 mm	11 mm	11 mm	13 mm	3 × 16 mm
VAR-3035B-12	11 mm	11 mm	13 mm	11 mm	11 mm	13 mm	4 × 16 mm
VAR-3035B-13	11 mm	11 mm	13 mm	11 mm	11 mm	13 mm	5 × 16 mm
VAR-3035B-14	11 mm	11 mm	13 mm	11 mm	11 mm	13 mm	6 × 16 mm
VAR-3035B-15	11 mm	11 mm	13 mm	11 mm	11 mm	13 mm	7 × 16 mm
VAR-3035B-16	11 mm	11 mm	13 mm	11 mm	11 mm	13 mm	8 × 16 mm
VAR-3035B-17	11 mm	11 mm	13 mm	11 mm	11 mm	13 mm	9 × 16 mm
VAR-3035B-18	11 mm	11 mm	13 mm	11 mm	11 mm	13 mm	10 × 16 mm
VAR-3035B-19	11 mm	11 mm	13 mm	11 mm	11 mm	13 mm	11 × 16 mm
VAR-3035B-20	11 mm	11 mm	13 mm	11 mm	11 mm	13 mm	12 × 16 mm

T-Plates

FG number	Hole 1-2 (Dimension 1)	Hole 2-3 (Dimension 2)	Hole 3-4 (Dimension 3)	Hole 4-6 (Dimension 4)	Hole 5-6 (Dimension 5)	Hole 6-7 (Dimension 6)	Hole 4-8 (Dimension 7)
VAR-3035T-2-4	9.5 mm	9.5 mm	9.5 mm	20.0 mm	N/A	8.8 mm	N/A
VAR-3035T-3-4	9.5 mm	9.5 mm	9.5 mm	28.5 mm	8.5 mm	10 mm	N/A
VAR-3035T-2-6	9.5 mm	9.5 mm	9.5 mm	20.0 mm	N/A	8.8 mm	2 × 9.5 mm
VAR-3035T-3-6	9.5 mm	9.5 mm	9.5 mm	28.5 mm	8.5 mm	10 mm	2 × 9.5 mm
VAR-3035T-2-8	9.5 mm	9.5 mm	9.5 mm	20.0 mm	N/A	8.8 mm	4 × 11 mm
VAR-3035T-3-8	9.5 mm	9.5 mm	9.5 mm	23.5 mm	8.5 mm	10 mm	4 × 15 mm
VAR-3035T-3-12	9.5 mm	9.5 mm	9.5 mm	23.5 mm	8.5 mm	10 mm	8 × 15 mm

Tips and Tricks

- › If the K-wire is interfering with the locking drill guide, cut the K-wire to 10 mm or less to avoid interference
- › The bending irons are designed to snugly fit the straight plates; you may need to upsize or downsize the iron for other plate designs
- › 1.6 mm with a bending plug will not fit in the 1.6 mm bending irons; you can use the 2.0 mm irons or bending pliers (VAR-4000-16)
- › The straight plates can be bent in plane across the larger hole-to-hole spacing
- › Screwdrivers are designed with softer material to help avoid screw stripping, care should be taken to not overtorque the driver, or you could result in a damaged screwdriver
- › When tightening a screw, care should be taken not to overtorque the screwdriver
- › The 1.6 mm/2.0 mm T6 driver is the most susceptible to deformation because it requires the least amount of torque to fail
- › When referring to 50% of the compression hole, this reference is 50% of the hole and not 50% of the ramp
- › Minimal compression can be achieved using the far ends of the slide hole
- › Care should be taken when using the compression hole to not overcompress; screw stripping or other failure can occur if overcompression occurs
- › The 3.0 mm cortical screw can be used in the 2.4 mm plate if stripping of the 2.4 mm screw occurs
- › Care should be taken to note specific screw trajectories prior to placing the anatomic plates
- › The K-wire drill sleeve can be used to note trajectory of a locking screw hole
- › The OrthoLine system includes many anatomic plating options. Effective understanding of the trajectory of each screw allows surgeons to avoid certain frustrating errors during surgery. For example, cross-threading of the locking drill guide (LDG) can result in cross-threading of the screw, damaging the plate's threads, or implanting a screw in an undesired location or at an undesirable trajectory. However, proper threading of the LDG prevents all of these potential issues.
- › To ensure proper seating, first turn the LDG counterclockwise until a click is heard. If no click is heard, adjust the angle slightly until you hear one. The click signals that the correct trajectory is likely reached. Initiate a clockwise turn to seat the guide. It is recommended to have a second plate on the sterile field with screws already placed to serve as a visual reference of each screw's trajectory.

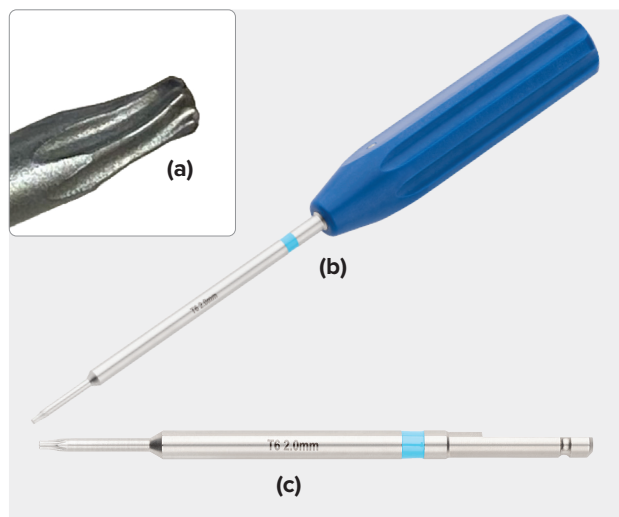


Figure 1. Deformed driver top (a), T6 screwdriver (b) and T6 driver (c)

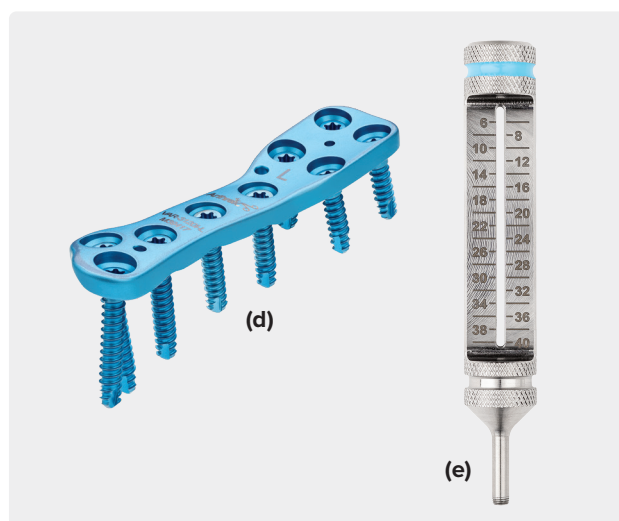


Figure 2. 2.0 mm ilial fracture plate (d) and 2.0 mm locking drill guide (e)



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 his or her 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 instructions for use before using any Arthrex product. Products may not be available in all markets because product availability is subject to the regulatory and/or veterinary practices in individual markets. Please contact your Arthrex representative if you have questions about availability of products in your area.



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