



PAX Polyaxial Locking System



PAX Bone Plating System

Plates, Screws and Instruments

System Overview

The PAX polyaxial locking system is a comprehensive anatomical bone plating set consisting of 2.0, 2.4, 2.7 and 3.5mm titanium plates with polyaxial locking screws.

Features and Benefits

- **Polyaxial Locking Screws:** Angularly stable screw-plate locking system offers polyaxial insertion of screws into the plate at angles of $\pm 10^\circ$
Benefit: Screws can be angled to avoid joint spaces, anatomic structures and ancillary implants.
- **Titanium and Titanium Alloy Implants:** Offer supreme biocompatibility.
Benefit: Minimal tissue reaction with potentially lower incidence of infection*.
- **Novel Locking System:** Conical screw head cuts threads in the plate during insertion; reliable for repeated insertions.
Benefit: Locking system does not require bone/plate interface compression minimizing damage to the blood supply and periosteum, enhancing healing.
- **Multiple Plate Geometries:** Trauma, Lengthening, Reconstruction, "T", Contoured TPLO, A-A Luxation, DPO, TPO, and CCWO plates.
Benefit: One versatile system handles most orthopedic trauma and reconstruction surgical procedures.
- **Compression/Locking Plates:** One system allows for locking or compression plating.
Benefit: Greater intraoperative versatility.
- **Limited Contact Footprint:** Minimizes damage to the vascular elements and periosteum.
Benefit: Improved healing.
- **Taper Tip:** Reduces surgical exposure when using straight plates.
Benefit: Minimizes tissue trauma during sub-muscular plate insertion (MIPO).
- **Interchangeable Screw Diameters:** Multiple screw diameters can be used in the same plate conforming to individual bony anatomy.
Benefit: Versatility and flexibility of construct allows maximum anatomical reconstruction.
- The benefits of the PAX titanium, polyaxial, locking, osteosynthesis system have been proven in thousands of cases since 2010.



1.877.266.3349, Option #2



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*Claus M, Graft S, Gersbach S, et al. Material and biofilm load of k wires in toe surgery: titanium versus stainless steel. Clin Orthop Rel Res. 2013;471(7): 2312-2317.

Polyaxial System

Polyaxial Screw Insertion



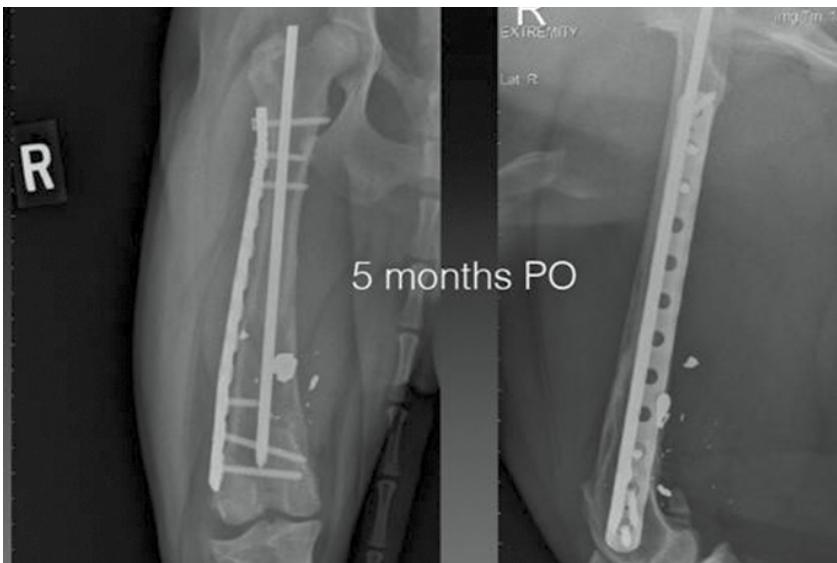
Locking Reconstruction Plate (RP)



Radiograph on left by Fred Pike, DVM, DACVS

Radiograph on right by Joshua Jackson, DVM, DACVS

Locking Limited Contact Straight Plate (SP)



Radiograph by Charles M. Walls, DVM, DACVS

Mini Plate System

2.0mm Locking Limited Contact Straight Plates (SP)



Width: 6.0mm
Thickness: 1.5mm
Distance Between Center of Holes: 6.0mm

PART #	# OF HOLES	LENGTH (MM)
049587	5	34
049588	6	40
049589	7	46
049590	8	52
049591	9	58
049592	10	64
049593	20	128

2.4mm Locking Limited Contact Straight Plates (SP)



Width: 8.0mm
Thickness: 2.0mm
Distance Between Center of Holes: 7.5mm

PART #	# OF HOLES	LENGTH (MM)
049596	5	42
049597	6	49
049598	7	57
049599	8	64
049600	9	72
049601	10	79
049602	12	94
049603	14	109
049604	20	154

2.0/2.4mm Locking Limited Contact Straight Plates (SP) Tray



PART #	DESCRIPTION
051703	2.0/2.4mm Locking Limited Contact Straight Plate Tray
051707	2.0/2.4mm PAX Half Tray Cover

Implants are not included with tray.



2.0mm Locking Reconstruction Plates (RP)



Width: 6.0mm

Thickness: 1.5mm

Distance Between Center of Holes: 6.0mm

PART #	# OF HOLES	LENGTH (MM)
045529	3	18
042171	4	24
042173	5	30
042174	6	36
042175	7	42
042176	8	48
042178	9	54
044622	10	60
066035	20	120

2.4mm Locking Reconstruction Plates (RP)



Width: 8.0mm

Thickness: 2.0mm

Distance Between Center of Holes: 7.5mm

PART #	# OF HOLES	LENGTH (MM)
044626	4	30
042179	5	37.5
042181	6	45
044627	7	52.5
042182	8	60
042183	9	67.5
044623	10	75
044624	12	90
044625	14	105

2.0mm Locking T-Plates



Width: 12.0mm

Thickness: 6.0mm

Distance Between Center of Holes: 1.5mm

PART #	# OF HOLES HEAD	# OF HOLES SHAFT	LENGTH (MM)
042184	2	2	18
042185	2	3	24
042186	2	4	30
042187	2	5	36
042188	2	6	42
042189	2	7	48

2.4mm Locking T-Plates



Width: 15.0mm

Thickness: 8.0mm

Distance Between Center of Holes: 2.0mm

PART #	# OF HOLES HEAD	# OF HOLES SHAFT	LENGTH (MM)
044628	2	2	22.5
044629	2	3	30
044630	2	4	37.5
044631	2	5	45
044632	2	6	52.5
044633	2	7	60

2.0/2.4mm Locking Reconstruction Plate (RP) Instrument Tray



PART #	DESCRIPTION
042385	2.0/2.4mm Locking Reconstruction Plate Tray
042386	2.0/2.4mm PAX Full Tray Cover, Pack of 2

Implants and instruments are not included with tray.

Mini Plate System

2.0mm Locking Screw, Self-Tapping, Star Recess



Diameter of Thread 2.0mm

Diameter of Head: 3.0mm

Drill Bit for Threaded Hole: 1.3mm

For Use with T6 Stardrive Screwdriver

PART #	LENGTH (MM)
042190	6
042191	8
042192	10
042193	12
042194	14
042195	16
042196	18
042197	20

2.4mm Locking Screw, Self-Tapping, Star Recess



Diameter of Thread 2.4mm

Diameter of Head: 3.0mm

Drill Bit for Threaded Hole: 1.7mm

For Use with T6 Stardrive Screwdriver

PART #	LENGTH (MM)
042198	6
042199	8
042337	10
042342	12
042343	14
042344	16
042346	18
042348	20
042349	22
042350	24

2.0/2.4mm Locking Screw Rack



PART #	DESCRIPTION
051701	2.0/2.4mm PAX Screw Rack
015707	2.0/2.4mm PAX Screw Tray Cover

Implants are not included with tray.

2.0/2.4mm Locking Instrument Tray



PART #	DESCRIPTION
051706	2.0/2.4mm PAX Instrument Tray
042386	2.0/2.4mm PAX Full Tray Cover, Pack of 2
029529	Screwdriver QC Handle
042387	T6 Stardrive Screwdriver Shaft for 2.0/2.4mm PAX Screws
042389	PAX Plate Holding Forceps
042390	1.3mm QC Drill Bit for 2.0mm PAX Screws
042391	1.7mm QC Drill Bit for 2.4mm PAX Screws
042392	2.0/2.4mm PAX Depth Gauge
051986	2.0 mm PAX Neutral/Load Drill Guide
051987	2.4 mm PAX Neutral/Load Drill Guide

OPTIONAL INSTRUMENTS

065978	PAX RP Plate Bending Plier 2.0/2.4/2.7/3.5mm
042388	2.0/2.4mm PAX Double Drill Guide
370112	Articulated Tensioning Device (Special Order)

Instruments are not included with tray.

2.0mm Cortical Screw, Self-Tapping, Hexagonal Recess



Diameter of Thread 2.0mm

Diameter of Head: 4.0mm

Drill Bit for Threaded Hole: 1.5mm

Drill Bit for Gliding Hoes: 2.0mm

For Use with 1.5/2.0mm Hexagonal Screwdriver

PART #	LENGTH (MM)
065385	6
065386	8
065387	10
065388	12
065390	14
065391	16
065392	18
065393	20

2.4mm Cortical Screw, Self-Tapping, Hexagonal Recess



Diameter of Thread 2.4mm

Diameter of Head: 4.0mm

Drill Bit for Threaded Hole: 1.8mm

For Use with 2.4mm Hexagonal Screwdriver

PART #	LENGTH (MM)
042300	6
042301	8
031038	10
031039	12
031040	14
031041	16
031042	18
031043	20
031044	22
031045	24

Longer Sizes Available

Instruments for 2.0/2.4mm Cortical Screws



PART #	DESCRIPTION
055058	2.0mm Hex Screwdriver Shaft for 2.0mm Cortical Screws
042033	Mini QC Handle
055102	2.4mm Hex Screwdriver Shaft for 2.4mm Cortical Screws
029529	Screwdriver QC Handle
029009	1.5mm QC Drill Bit for 2.0mm Cortical Screws
036059	1.8mm QC Drill Bit for 2.4mm Cortical Screws
029010	2.0mm QC Drill Bit for 2.0mm Cortical Screws
042090	2.4mm QC Drill Bit for 2.4mm Cortical Screws
029097	2.0/2.4mm Depth Gauge for Cortical Screws

Small Plate System

2.7mm Locking Limited Contact Straight Plates (SP)



Width: 8.5mm

Thickness: 2.5mm

Distance Between Center of Holes: 9.0mm

PART #	# OF HOLES	LENGTH (MM)
045204	4	39
044944	5	48
044945	6	57
044946	7	66
044947	8	75
044948	9	84
044949	10	93
044899	12	111
044950	14	129
044951	16	147

3.5mm Locking Limited Contact Straight Plates (SP)



Width: 11.0mm

Thickness: 3.2mm

Distance Between Center of Holes: 12.0mm

PART #	# OF HOLES	LENGTH (MM)
045530	4	50
044955	5	62
045531	6	74
044942	7	86
045556	8	98
045199	9	110
045060	10	122
045200	11	134
055056	12	146
048381	13	158
045201	14	170
044943	15	182
048179	16	194
045202	18	218
045203	20	242

2.7/3.5mm Locking Contact Straight Plate (SP) Tray



PART #	DESCRIPTION
051705	3.5mm PAX Locking Limited Contact Straight Plate Tray
051704	2.7mm PAX Straight Plate Insert (inserts into 051705)
042352	PAX Straight Plate Tray Cover, Pack of 2

Implants are not included with tray.

2.7mm Locking Reconstruction Plates (RP)



Width: 9.5mm

Thickness: 2.5mm

Distance Between Center of Holes: 9.0mm

3.5mm Locking Reconstruction Plates (RP)



Width: 12.0mm

Thickness: 3.2mm

Distance Between Center of Holes: 11.0mm

2.7mm Locking T-Plates



Width: 8.5mm

Thickness: 2.5mm

Distance Between Center of Holes: 9.0mm

3.5mm Locking T-Plates



Width: 8.5mm

Thickness: 2.5mm

Distance Between Center of Holes: 9.0mm

2.7mm Locking Reconstruction Plate (RP) Tray



3.5mm Locking Reconstruction Plate (RP) Tray



PART #	# OF HOLES	LENGTH (MM)
044638	4	36
044639	5	45
044641	6	54
044642	7	63
042306	8	72
044643	9	81
044634	10	90
044635	12	108
044636	14	126
044637	16	144

PART #	# OF HOLES	LENGTH (MM)
042244	4	44
044656	5	55
042245	6	66
044657	7	77
042246	8	88
044658	9	99
042247	10	110
044650	11	121
044651	12	132
044652	14	154
044653	15	165
044654	16	176
044952	18	198
044655	20	220

PART #	# OF HOLES HEAD	# OF HOLES SHAFT	LENGTH (MM)
066017	2	5	54
066018	2	7	72
066019	2	9	90

PART #	# OF HOLES HEAD	# OF HOLES SHAFT	LENGTH (MM)
066020	2	5	66
066021	2	7	88
066022	2	9	110

PART #	DESCRIPTION
042351	2.7mm PAX RP Tray
042122	2.7mm PAX RP Tray Screw Insert
042352	PAX Tray Cover, Pack of 2

Implants and instruments are not included with tray.

PART #	DESCRIPTION
042121	3.5mm PAX RP Tray
042123	3.5mm PAX RP Tray Screw Insert
042352	PAX Tray Cover, Pack of 2

Implants are not included with tray.

PAX Polyaxial Locking System 9

Small Plate System

2.7mm PAX Locking Screw, Self-Tapping, Star Recess



Diameter of Thread 2.7mm

Diameter of Head: 5.0mm

Drill Bit for Threaded Hole: 2.0mm

For Use with T15 Stardrive Screwdriver

PART #	LENGTH (MM)	PART #	LENGTH (MM)
042279	8	042289	28
042280	10	042290	30
042281	12	042291	32
042282	14	044644	34
042283	16	044645	36
042284	18	044646	38
042285	20	044647	40
042286	22	044648	45
042287	24	044649	50
042288	26		

3.5mm PAX Locking Screw, Self-Tapping, Star Recess



Diameter of Thread 3.5mm

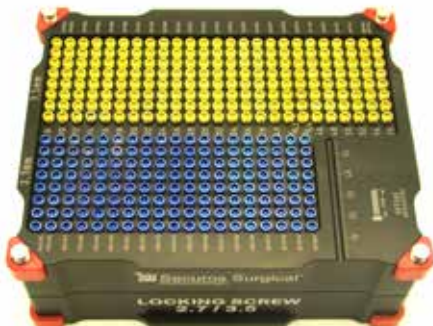
Diameter of Head: 5.0mm

Drill Bit for Threaded Hole: 2.5mm

For Use with T15 Stardrive Screwdriver

PART #	LENGTH (MM)	PART #	LENGTH (MM)
042356	8	042108	34
042357	10	042109	36
042359	12	042111	38
042361	14	042112	40
042364	16	042113	42
042366	18	042114	44
042368	20	042115	46
042369	22	042116	48
044659	24	042117	50
042100	26	042118	52
042105	28	042119	54
042106	30	042120	56
042107	32		

2.7/3.5mm Locking Screw Rack



PART #	DESCRIPTION
090011	2.7/3.5mm PAX Screw Rack
051948	2.7/3.5mm PAX Half Tray Cover

Implants not included with tray.

2.7/3.5mm Locking Instrument Tray



PART #	DESCRIPTION
051702	2.7/3.5mm PAX Instrument Tray
042352	PAX Tray Cover, Pack of 2
029529	Screwdriver QC Handle
042353	T15 Stardrive Screwdriver Shaft, for 2.7 & 3.5mm PAX Screws
042389	PAX Plate Holding Forceps
029010	2.0mm QC Drill Bit for PAX 2.7mm Screws
029011	2.5mm QC Drill Bit for PAX 3.5mm Screws
042355	2.7/3.5mm PAX Depth Gauge
051988	2.7mm PAX Neutral/Load Drill Guide
051989	3.5mm PAX Neutral/Load Drill Guide
OPTIONAL INSTRUMENTS	
029528	Screwdriver Large QC Handle (Pear-Shaped) for 2.7/3.5mm Screw Driver Shafts
065978	PAX RP Plate Bending Pliers 2.0/2.4/2.7/3.5mm
042354	2.7/3.5mm PAX Double Drill Guide
370112	Articulated Tensioning Device (Special Order)

Instruments not included with tray.

2.7mm Cortical Screw, Self-Tapping, Hexagonal Recess



Diameter of Thread 2.7mm

Diameter of Head: 5.0mm

Drill Bit for Threaded Hole: 2.0mm

For Use with 2.7/3.5/4.0mm Hexagonal Screwdriver

PART #	LENGTH (MM)
049440	8
031054	10
031055	12
031056	14
031057	16
031058	18
031059	20
031060	22
031061	24
031062	26
031063	28
042074	30
042075	32
042076	34
042077	36
042078	38
042079	40
048162	45
048163	50

3.5mm Cortical Screw, Self-Tapping, Hexagonal Recess



Diameter of Thread 3.5mm

Diameter of Head: 6.0mm

Drill Bit for Threaded Hole: 2.5mm

For Use with 2.7/3.5/4.0mm Hexagonal Screwdriver

PART #	LENGTH (MM)
065983	8
042080	10
031070	12
031071	14
031072	16
031073	18
031074	20
031075	22
031076	24
031077	26
031078	28
031079	30
042082	32
042083	34
042084	36
042085	38
042086	40
042319	42
042320	44
044026	46
044027	48
055044	50
048164	52
048165	54
044930	56

Instruments for 2.7/3.5mm Cortical Screws

PART #	DESCRIPTION
029525	2.7/3.5mm Hexagonal Screwdriver Shaft
029529	Screwdriver QC Handle
029010	2.0mm QC Drill Bit for 2.7mm Cortical Screws
029011	2.5mm QC Drill Bit for 3.5mm Cortical Screws
029012	2.7mm QC Drill Bit for 2.7mm Cortical Screws
029014	3.5mm QC Drill Bit for 3.5mm Cortical Screws
029098	2.7/3.5mm Depth Gauge for Cortical Screws

Specialty Plates

2.0mm Locking A-A Luxation Plates



Width: 11.5mm
Thickness: 2.0mm

PART #	# OF HOLES	LENGTH (MM)
090008	4	12
090006	4	14
090007	4	16

3.5mm Locking TPO Plates



Thickness: 3.0mm

PART #	# OF HOLES	DEGREES	SIDE
044660	6	20	Left
044661	6	20	Right
045207	6	25	Left
045208	6	25	Right
044662	6	30	Left
044663	6	30	Right
045063	6	40	Left
045209	6	40	Right

3.5mm Locking DPO Plates



Thickness: 3.0mm

PART #	# OF HOLES	DEGREES	SIDE
049108	7	20	Left
049109	7	20	Right
066000	7	25	Left
066001	7	25	Right
045570	7	30	Left
055059	7	30	Right
049122	7	40	Left
049123	7	40	Right

3.5mm Locking DPO Plates



Thickness: 2.5mm

PART #	# OF HOLES	DEGREES	SIDE
066002	8	25	Left
066003	8	25	Right
090009	8	30	Left
090010	8	30	Right
066004	8	35	Left
066005	8	35	Right

2.4mm Locking CCWO Plate



Head Width: 15.0mm

Shaft Width: 8.0mm

Thickness: 2.0mm

PART #	# OF HOLES HEAD	# OF HOLES SHAFT	LENGTH (MM)
066016	2	4	39.5

2.0mm Locking Limited Contact Lengthening Plates (LP)



Width: 6.0mm

Thickness: 1.5mm

Distance Between Center of Holes: 7.5mm

PART #	# OF HOLES	DISTANCE BETWEEN CENTER HOLES (MM)	LENGTH (MM)
066006	4	33	52
066007	6	30	64

2.4mm Locking Limited Contact Lengthening Plates (LP)



Width: 8.0mm

Thickness: 2.0mm

Distance Between Center of Holes: 7.5mm

PART #	# OF HOLES	DISTANCE BETWEEN CENTER HOLES (MM)	LENGTH (MM)
066008	6	22.5	64
066009	6	37.5	79
066010	6	52.5	94

2.7mm Locking Limited Contact Lengthening Plates (LP)



Width: 8.5mm

Thickness: 2.5mm

Distance Between Center of Holes: 9.0mm

PART #	# OF HOLES	DISTANCE BETWEEN CENTER HOLES (MM)	LENGTH (MM)
066011	6	27	75
066012	6	45	93
066013	6	63	111

3.5mm Locking Limited Contact Lengthening Plates (LP)



Width: 11.0mm

Thickness: 3.2mm

Distance Between Center of Holes: 12.0mm

PART #	# OF HOLES	DISTANCE BETWEEN CENTER HOLES (MM)	LENGTH (MM)
066014	6	60	122
066015	6	84	146

TPLO Plates

2.0mm Locking TPLO Plates



Shaft Width: 5.5mm
Thickness: 2.3mm

PART #	# OF HOLES	SIDE
062804	5	Left
062805	5	Right

2.4mm Locking TPLO Plates



Shaft Width: 6.5mm
Thickness: 2.3mm

PART #	# OF HOLES	SIDE
062802	5	Left
062803	5	Right

2.7mm Locking TPLO Plates



Shaft Width: 9.5mm
Thickness: 2.5mm

PART #	# OF HOLES	SIDE
062800	5	Left
062801	5	Right

3.5mm Locking TPLO Plates



Shaft Width: 11.0mm
Thickness: 3.7mm

PART #	# OF HOLES	SIDE
062518	6	Left
062519	6	Right

3.5mm Broad Locking TPLO Plates



Shaft Width: 13.5mm
Thickness: 3.7mm

PART #	# OF HOLES	SIDE
062879	8	Left
062880	8	Right

PAX Polyaxial Locking TPLO Plate

Features and Benefits

- Polyaxial locking titanium alloy plates and screws for supreme biocompatibility
- Proximocaudal curve to optimize plate alignment and screw purchase
- Crescent head to accommodate high tibial osteotomies
- Anatomic precontour generated from 100-plus canine patients
- 32-month research and development initiative

PAX TPLO Plate Tray



PART #	DESCRIPTION
062680	PAX TPLO Tray 2.0/2.4/2.7/3.5/3.5mm Broad
062727	PAX TPLO Tray Cover

Implants and instruments are not included with tray.

PAX Instrument Full Tray



PART #	DESCRIPTION
066073	PAX Instrument Full Tray 2.0/2.4/2.7/3.5mm No Cover

Instruments are not included with tray.





Where knowledge,
reach and partnership
shape healthcare delivery.