



SPINAL SYSTEM



S.H.PITKAR
ORTHOTOOLS PVT. LTD.

Gut 36 & 37, RMK Industrial Park II, Talegaon MIDC Rd, Jadhavwadi,
Navalakh Umbare, Pune - 410507. Tel: +9175984730/31;
Email: info@pitkar.net ; Web: www.pitkar.com

ISO 13485 and Indian FDA approved company
CDSCO Approved

→ SHPOPL offers comprehensive spinal solutions in terms of Uniloc Pedicle Screw, Spinal Mesh, PLIF Cages, Cages in PEEK, Cervical Locking Plates, Lateral Mass System, Small Anatomy System, Trigen System, VSP Plates & Screws, Cranial Mesh and newly launched Pro-MIS System for Spine, low profile pedicle screws for deformity corrections.

→ Detailed product profile is as follows:

Pro-mi[®] System

- MIS Polyaxial Screws
- MIS Straight Rod
- MIS Pre-Cut Rod ● Pro-MIS Tower Screw

Uni-loc[®] System

- Pedicle Screws
- Polyaxial Screws
- Reduction Pedicle Screws
- Reduction Polyaxial Screws
- Spinal Pre-Cut Rod
- D Connector, D Connector Rod
- Anterior Washer ● Uni-loc Fenestrated Screw

Trigen[®] System

- Trigen Polyaxial Screw
- Trigen Pedicle Screw
- Trigen Pre-cut Rod

Octosys[®] Lateral Mass System

- Occipital Y Plate, T Plate, Bias Screw
- Poly Pedicle Screw for Lateral Mass
- D Connector, D Connector Rod, Occipital Rod
- Poly Pedicle Screw for Lateral Mass
- Locking Head Screw for Occipital Plate

Miniloc[®] Small Anatomy System

- Pedicle Screw, Poly Pedicle Screw for Miniloc[®] System
- Spinal Precut Rod for Miniloc[®] System

Mesh & Cages

- Titanium Spinal Mesh
- TLIF[®] Cages
- PEEK Cages
- PLIF Cages
- Cervical Disc Spacer

Titanium[®] Cranial Mesh

- Mesh 0.6mm
- Self Drilling Screws Dia 1.5mm

DRONER[®] PEEK Cage System

PRO-CLIP[®] Cervical Locking Plates & Screws

- Cervical Spine Locking Plate Level 1, Level 2 & Level 3
- Self Tapping Locking Screws 4mm & 4.35mm

MOD-CLIP[®] Cervical Lock Plate System

VSP[®] VS Plates & Screws

- Variable Spine Plate 2,3,4,5,6 Holes
- Variable Spine Screw 35mm, 40mm, 45mm

Special Instrumentation for Spine:

- Spine Dissection Set
- Micro Dissection Set
- Long Handle Curette & Elevator Set
- Anterior Cervical Retractor System
- Dura & Vessel Repair Kit
- Kerrison Punch Set
- Other Instruments

***The implants are intended to aid normal healing but are not intended to replace normal body structures. All Surgeons are requested to use these implants and Instruments after carefully reading Indications, Contra-indications and other operative procedures and guidelines. All Orthopaedic Surgeons are strongly encouraged to have training from experienced clinicians prior to initial use of this device.

Pro-mi^s* - Minimally Invasive Spine System

- ➔ Minimally Invasive Systems namely Pro-mi^s* is the reliable mechanism for minimal invasive approach to Lumbar Spine. It contains Cannulated Pedicle Screws in low profile that facilitates screw implantation in spite of reduced visualisation within narrower working channels.
- ➔ The Cannulated Screw System is designed to work in tandem with T-Tract tubular retractor. The system has achieved excellent clinical results in short period.
- ➔ The instrumentation designed is as per current trend & state of art, in the hands of surgeons & reduces complexity of operations.
- ➔ Potential clinical benefits of the system includes:
 - Blood loss is significantly lower for MIS fusion
 - MIS lumbar fusion associated with less postoperative pain (in two of three prospective studies)
 - Rates of complications showed favoring trend towards MIS
 - Fusion rates comparable for open and MIS approaches
- ➔ Detailed Product Profile for Pro-mi^s* System
 - MIS Polyaxial Screws
 - MIS Straight Rod
 - MIS Pre-Cut Rod
 - Tube & expandable Retractors with light source
 - Cervical Retractor



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Pro-mif^{*} System**MIS Polyaxial Screw**

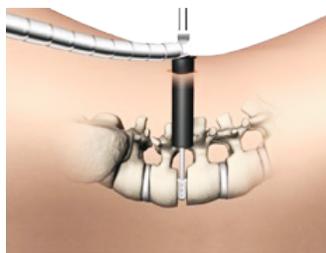
Dia	Length	Part No.
5.5	30	B 393001030
5.5	35	B 393001035
5.5	40	B 393001040
5.5	45	B 393001045
5.5	50	B 393001050
6.5	30	B 400001030
6.5	35	B 400001035
6.5	40	B 400001040
6.5	45	B 400001045
6.5	50	B 400001050

**MIS Straight Rod**

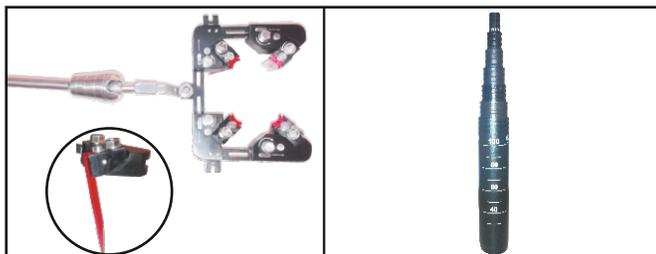
Dia	Length	Part No.
5.5	120	B 407055120
5.5	150	B 407055150
5.5	200	B 407055200
5.5	300	B 407055200

**MIS Pre-Cut Rod**

Dia	Length	Part No.
5.5	30	B 401055030
5.5	35	B 401055035
5.5	40	B 401055040
5.5	45	B 401055045
5.5	50	B 401055050
5.5	55	B 401055055
5.5	60	B 401055060
5.5	65	B 401055065
5.5	70	B 401055070
5.5	75	B 401055075
5.5	80	B 401055080
5.5	85	B 401055085
5.5	90	B 401055090
5.5	95	B 401055090
5.5	100	B 401055100
5.5	110	B 401055110
5.5	120	B 401055120
5.5	130	B 401055130
5.5	140	B 401055140
5.5	150	B 401055150
5.5	170	B 401055170
5.5	200	B 401055200

**Instrument Set**

Persuader	B 807001000
Advanced Rod Holder	B 808001000
Castle Nut Tightener	B 809001000
Rod Measuring Device	B 810001000
Compression Fulcrum	B 811001000
Extended Screw Holder Closed	B 884001000
Extended Screw Holder Open	B 885001000
Advanced Inny Introducer	B 886002000
Screw Introducer	B 887000000
Compressing Forceps	B 888001000
Reinforcement Post	B 889000000
Anti Torque Wrench	B 891000000
Neuro Monitoring Shield	B 892000000
Tap Ø6.5 mm	B 894000000
Tap Ø5.5 mm	B 898000000
Cannulated Awl	B 895000000
Dilators Ø7mm	B 897000000
Dilators Ø16mm	B 912000000
Anti Torque Sleeve	B 900001000
Alignment Guide	B 899001000
Screw Loading Block	B 913000000
Screw Driver for Rod Holder	B 915000000
Rod Holder	B 916001000
Guide Wire Ø1.5x480mm	B 893000000
Ratcheting cannulated quick change T Handle	B 890001000
Ratcheting cannulated quick change griff Handle	B 896001000
Torque wrench	B 834001000
Cannulated quick change Inny tightener	B 948001000
Container	B 949000000
Implant	H 958001000
Instruments	H 949001000

**Expandable Retractor****Dilator Incision****Common Parts for Pro-MIS Retractor**

» Retractor Holder	B 947001000	
» Light Source Cable	B 956001000	
» Light Source	B 959001000	
» Light Source Main Cable	B 960001000	
» Dilator Incision		
Inner Dia	Outer Dia	Part No.
1.8 mm	7	B 953000718
7 mm	10	B 932001007
10 mm	13	B 933001310
13 mm	16	B 934001613
16 mm	19	B 935001916
19 mm	22	B 936002219
22 mm	25	B 937002522
25 mm	28	B 938002825
» Hex Tightener	B 951001000	
» Access Tube Holding Handle	B 939001000	

Tube Retractor Set

Consists of Tubes from Diameter 16/19/22/25/28 mm in 7 lengths from 30-90 mm, Hex Tightener with 8 Dilators

Access Tubes

Length	Inner Dia	Part No.
30 mm	16	B 927001630
40 mm	16	B 927001640
50 mm	16	B 927001650
60 mm	16	B 927001660
70 mm	16	B 927001670
80 mm	16	B 927001680
90 mm	16	B 927001690
30 mm	19	B 928001930
40 mm	19	B 928001940
50 mm	19	B 928001950
60 mm	19	B 928001960
70 mm	19	B 928001970
80 mm	19	B 928001980
90 mm	19	B 928001990
30 mm	22	B 929002230
40 mm	22	B 929002240
50 mm	22	B 929002250
60 mm	22	B 929002260
70 mm	22	B 929002270
80 mm	22	B 929002280
90 mm	22	B 929002290
30 mm	25	B 930002530
40 mm	25	B 930002540
50 mm	25	B 930002550
60 mm	25	B 930002560

70 mm	25	B 930002570
80 mm	25	B 930002580
90 mm	25	B 930002590
30 mm	28	B 931002830
40 mm	28	B 931002840
50 mm	28	B 931002850
60 mm	28	B 931002860
70 mm	28	B 931002870
80 mm	28	B 931002880
90 mm	28	B 931002890

Container for MIS Tube Retractor

Part No. H 961001000

Expandable Retractor Set

Consists of 7 Blades, Blade Extractor, Hex Tightener with 8 Dilators

Expandable Retractor

B 957001000

Retractor Blade

Length	Part No.
40 mm	B 955000040
50 mm	B 955000050
60 mm	B 955000060
70 mm	B 955000070
80 mm	B 955000080
90 mm	B 955000090
100 mm	B 955000100

Blade Extractor B 950001000

Minimally Invasive Retractor System - BA02410000



Self-retaining cervical retractor frame

	Part No.
Longitudinal	BA02501000
Transverse	BA02601000



Retractor blades for selfretaining cervical retractor System

Length	Part No.
40mm	BA02700040
50mm	BA02700050
60mm	BA02700060
70mm	BA02700070



Retractor blade handle for cervical retractor system

Part No.	BA02801000
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Container for Minimally Invasive Retractor Instrument set

Part No.	H991001000
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McCULLOCH retractor frame for microdiscectomy - BA02910000



Hook blades or McCULLOCH retractor

Length	Part No.
30mm	BA03000030
40mm	BA03000040
50mm	BA03000050
60mm	BA03000060



Narrow muscle blade plain for McCULLOCH retractor

Length	Part No.
40mm	BA03100040
50mm	BA03100050
60mm	BA03100060
70mm	BA03100070



Narrow muscle blade teeth for McCULLOCH retractor

Length	Part No.
40mm	BA03200040
50mm	BA03200050
60mm	BA03200060
70mm	BA03200070



Wide muscle blade plain for McCULLOCH retractor

Length	Part No.
40mm	BA03300040
50mm	BA03300050
60mm	BA03300060
70mm	BA03300070



Wide muscle blade teeth for McCULLOCH retractor

Length	Part No.
40mm	BA03400040
50mm	BA03400050
60mm	BA03400060
70mm	BA03400070

Container for Microdiscectomy Instrument set

Part No.	H992001000
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Micro Lumbar Discectomy Set- BA03510000



Counter retractor frame for micro lumbar discectomy retractor

BA03601000



Lateral blades for counter retractor

Length	Part No.
50mm	BA03700050
60mm	BA03700060
70mm	BA03700070
80mm	BA03700080

Container for Micro Lumbar Discectomy Instrument set

Part No.	H993001000
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Kerrison, 2mm up & down cutting for MIS Applications

Degree	Part No.
45°	BA03801000
90°	BA04001000



Kerrison, 2mm 45 degree up cutting and bayonnetted for MIS Applications

Part No.	BA03901000
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ProMIS Tower Screw**ProMIS Tower Screw Dia 5.5mm**

Length (mm)	Part No.
30	B446001030
35	B446001035
40	B446001040
45	B446001045
50	B446001050

ProMIS Tower Screw Dia 6.5mm

Length (mm)	Part No.
30	B447001030
35	B447001035
40	B447001040
45	B447001045
50	B447001050

**MIS Spinal Precut Rod Dia 5.5mm**

Length (mm)	Part No.
30	B401055030
35	B401055035
40	B401055040
45	B401055045
50	B401055050
55	B401055055
60	B401055060
65	B401055065
70	B401055070
75	B401055075

80	B401055080
85	B401055085
90	B401055090
95	B401055095
100	B401055100
110	B401055110
120	B401055120
150	B401055150
200	B401055200

Instruments for ProMIS Tower Screw

Cannulated Awl	BA11601000
Malleable Rod	B685001000
Rod Bender	B611001000
Dilatation Tube Ø5.3 x 1.6mm	BA11200000
Dilatation Tube Ø9.4 x 5.3mm	BA11300000
Torque Limiting Handle	BA14801000
Ratcheting Cannulated Quick Change T- Handle (Square Shaft)	BA14901000
Simple Cannulated T Quick Coupling (Square Shaft)	BA15001000
T30 Inny Tightener Screw Tightener A/F 3.5 MM	BA15200000
Reduction Forceps	BA12101000
Screw Introducer	BA10201000
Extension Sleeve	BA11701000
Parallel Distractor	BA10401000
Screw End Adjuster	BA12001000
Screw Driver for Rod Holder	B915000000
Advanced Rod Holder	B808001000
Star Inny Introducer	BA10301000

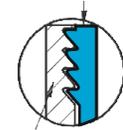
MIS Counter Torque Rod Measuring Device	BA11901000 B810001000
Guide Wire Ø1.5 x 480mm	B893000000
Tab Breaker	BA10101000
Protection Sleeve Ø 15mm	BA11400000
Protection Sleeve Ø 19mm	BA11500000
Tap Ø 5mm	BA10801000
Tap Ø 5.5mm	BA10901000
Tap Ø 6 mm	BA11001000
Tap Ø 6.5mm	BA11101000
J Needle	BA11801000
Top Breaker	BA15201000
Aluminium Pipe for Guide Wire	H949001104
Aluminium Cap for Guide Wire Pipe	H949001105
Container for ModMIS Instrument Set	HA03001000

Pedicle Screws & Rod System : **Uni-loc**, **Trigen** & **V-locx**

- There is a wide spread acceptance of pedicle screw system today and large variety of options are available to Orthopaedic Surgeons . Many of these systems has unaddressed critical issues that poses challenge to the surgeon.
 - a) Double locking mechanism demanding more surgical time.
 - b) Traditional V thread or Square thread design often results rod slippage due to spreading of screw head of the screws.

- The pedicle screw system can be used for various spinal disorders like spinal trauma, deformity correction, management of spinal column deformities and other de-generative and tumoural pathologies. Pitkar Unilock system has-
 - 1 The simplest Unilock mechanism reducing operative time.
 - 2 Its dovetail thread design permits stable fixation and does not allow expansion of head of screw.
 - 3 It is low profile system.
 - 4 Pre-cut rods permitting easy pick up during surgery.
 - 5 Easily adjustable Pedicle Bridge design.
 - 6 Implants are made out of Implant Titanium grade conforming to ISO 5832-3.
 - 7 It can be used for Posterior & Anterior approach.
 - 8 It has been tested in conformation to ASTM-F-1717-09 for Axial compression, Axial Tensile & fatigue strength.

- Available in 3 designs :- Namely **Uni-loc** System having rigid profile & strong tulip, **Trigen** System with low profile application like Scoliosis & **V-locx** having dual threads of cortical & cancellous.



Dovetail Threads

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Pedicle Screw for Uni-Loc



Pedicle Screws

Dia mm	Length mm	Part No. Ti
4.5	30	B 304001030
4.5	35	B 304001035
4.5	40	B 304001040
4.5	45	B 304001045
4.5	50	B 304001050
5.5	30	B 305001030
5.5	35	B 305001035
5.5	40	B 305001040
5.5	45	B 305001045
5.5	50	B 305001050
6.5	30	B 306001030
6.5	35	B 306001035
6.5	40	B 306001040
6.5	45	B 306001045
6.5	50	B 306001050
7.5	40	B 390001040
7.5	45	B 390001045



Polyaxial Screws

Dia mm	Length mm	Part No. Ti
4.5	30	B 301001030
4.5	35	B 301001035
4.5	40	B 301001040
4.5	45	B 301001045
4.5	50	B 301001050
5.5	30	B 302001030
5.5	35	B 302001035
5.5	40	B 302001040
5.5	45	B 302001045
5.5	50	B 302001050
6.5	30	B 303001030
6.5	35	B 303001035

6.5	40	B 303001040
6.5	45	B 303001045
6.5	50	B 303001050
7.5	35	B 394001035
7.5	40	B 394001040
7.5	45	B 394001045
7.5	50	B 394001050



Reduction Pedicle Screws

Dia mm	Length mm	Part No. Ti
4.5	30	B 309001030
4.5	35	B 309001035
4.5	40	B 309001040
4.5	45	B 309001045
4.5	50	B 309001050
5.5	30	B 310001030
5.5	35	B 310001035
5.5	40	B 310001040
5.5	45	B 310001045
5.5	50	B 310001050
6.5	30	B 311001030
6.5	35	B 311001035
6.5	40	B 311001040
6.5	45	B 311001045
6.5	50	B 311001050



Polyaxial Reduction Screw

Dia mm	Length mm	Part No. Ti
4.5	30	B 385001030
4.5	35	B 385001035
4.5	40	B 385001040
4.5	45	B 385001045
4.5	50	B 385001050
5.5	30	B 386001030
5.5	35	B 386001035
5.5	40	B 386001040

5.5	45	B 386001045
5.5	50	B 386001050
6.5	30	B 387001030
6.5	35	B 387001035
6.5	40	B 387001040
6.5	45	B 387001045
6.5	50	B 387001050



Polyaxial Elliac Screws

Dia mm	Length mm	Part No. Ti
5.5	60	B 396001060
5.5	70	B 396001070
6.5	60	B 397001060
6.5	70	B 397001070
6.5	80	B 397001080
7.5	60	B 398001060
7.5	70	B 398001070
7.5	80	B 398001080



Titanium Polyaxial Screw Unilock

Dia mm	Length mm	Part No. Ti
8.5	35	B 436001035
8.5	40	B 436001040
8.5	45	B 436001045
8.5	50	B 436001050



Spinal pre cut rod

Length mm	Part No. Ti
50	B 307000050
60	B 307000060
70	B 307000070
80	B 307000080
90	B 307000090
100	B 307000100
110	B 307000110

120	B 307000120
150	B 307000150
200	B 307000200
250	B 307000250
300	B 307000300
350	B 307000350
400	B 307000400
450	B 307000450
500	B 307000500



Elliac Connector

Length	Part No.
20 mm	B 395001020
30 mm	B 395001030
60 mm	B 395001060



Pedicle Bridge Plate

	Part No.
30/34	B 315001000
34/42	B 316001000
40/53	B 317001000
50/70	B 318001000



D Connector

Part No.	B 356001000
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D Connector Rod

Dia	Length	Part No.
4 mm	75 mm	B 363000075
4 mm	100 mm	B 363000100
4 mm	125 mm	B 363000125
4 mm	150 mm	B 363000150



Anterior washer Ti

Part No.	B 277000000
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Grub Screw Ti

Part No.	B 312000000
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Lamina Hook

Size	Part No.
Small	B 410001000
Medium	B 411001000
Large	B 412001000

V-locx



V-LOCX Pedicle Screw

Dia	Length	Part No.
5.5	35	B 420001035
5.5	40	B 420001040
5.5	45	B 420001045
6.5	35	B 421001035
6.5	40	B 421001040
6.5	45	B 421001045

V-LOCX Polyaxial Screw

Dia	Length	Part No.
5.5	35	B 422001035
5.5	40	B 422001040
5.5	45	B 422001045
6.5	35	B 423001035
6.5	35	B 423001040
6.5	35	B 423001045



HAP Coated Titanium Polyaxial Screw Unistar

Dia mm	Length mm	Part No. Ti
4.5	30	B 484001030

4.5	35	B 484001035
4.5	40	B 484001040
4.5	45	B 484001045
4.5	50	B 484001050
5.5	30	B 485001030
5.5	35	B 485001035
5.5	40	B 485001040
5.5	45	B 485001045
5.5	50	B 485001050
6.5	30	B 486001030
6.5	35	B 486001035
6.5	40	B 486001040
6.5	45	B 486001045
6.5	50	B 486001050

Instrumentation Set for Pedicle Screws for Uni-loc & V-locx



Persuader

Part No.	B 720001000
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Pedicle Trocar QC

Part No.	B 695001000
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Guide Pin

	Part No.
Thick	B 603001000
Thin	B 604001000



Depth Measure

Part No.	B 605001000
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Pedicle Reamer QC

Part No.	B 694000000
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Rod Bender

Part No. B 611001000



Pedicle Screw Introducer for Unilock

Part No. B 678001000



Polyaxial Screw Introducer for Unilock

Part No. B 680001000



Polyaxial Screw Tightener for Unilock

Part No. B 681001000



Rod Pusher for Unilock

Part No. B 682001000



Rod Stabilizer for Unilock

Part No. B 683001000



Set Screw Driver for Unilock

Part No. B 684001000



Malleable Rod

Part No. B 685001000



Scoliosis Spreader Forcep

Part No. B 686001000



Scoliosis Compression Forcep

Part No. B 687001000



Rod Holding Forcep

Part No. B 688001000



Vice Grip for Unilock

Part No. B 689001000



Quickchange for Unilock

Part No. B 696001000



Rocker

Part No. B 713001000



Torque Wrench

Part No. B 697002000



Tap QC

Size

4.5 mm

5.5 mm

6.5 mm

Part No.

B 691000000

B 692000000

B 693000000



Tab Breaker for Unilock

Part No. B 698001000



Depuy Probe Straight

Part No. B 814001000



Depuy Sound

Part No. B 813000000



Inny Introducer for Unilock

Part No. B 676001000



Inny Tightener for Unilock

Part No. B 677001000



Depuy Probe Curved

Part No. B 815001000



Anterior Washer Introducer

Part No. B 669001000



Container for above

Part No.

UL Instruments H 926001000

UL Implants H 884001000

* Same instruments are used for application of V-Lox System.



Mesh Cutter Jaw Width 8mm L 7"

Part No. B 810000000T



Rod Cutter 56cm / 22" Upto

6mm Dia B 819001000T

Unifen* Fenestrated Screw



Unifen* Fenestrated Screw Dia 5.5mm

Part No.	Length (mm)
B475001030	30
B475001035	35
B475001040	40
B475001045	45
B475001050	50

Unifen* Fenestrated Screw Dia 6.5mm

Part No.	Length (mm)
B476001030	30
B476001035	35
B476001040	40
B476001045	45
B476001050	50

Unifen* Fenestrated Screw Dia 7.5mm

Part No.	Length (mm)
B477001030	30

B477001035	35
B477001040	40
B477001045	45
B477001050	50



Spinal Precut Rod Dia 5.7mm

Part No.	Length (mm)
B307000050	50
B307000060	60
B307000070	70
B307000080	80
B307000090	90
B307000100	100
B307000110	110
B307000120	120
B307000150	150
B307000200	200
B307000250	250
B307000300	300
B307000350	350
B307000400	400
B307000450	450
B307000500	500

Instruments for Unifen* Fenestrated Screw

Unistar Instrument Set
Cement Syringe
(Sterile & required one quantity for each screw) BA10501000

Titanium K Gen Screws



Ti K Gen Poly Pedicle Screw

Dia mm	Length mm	Part No. Ti
4.5	25	B492001025
4.5	30	B492001030
4.5	35	B492001035
4.5	40	B492001040
4.5	45	B492001045
4.5	50	B492001050
4.5	55	B492001055
5.5	30	B493001030
5.5	35	B493001035
5.5	40	B493001040
5.5	45	B493001045
5.5	50	B493001050
5.5	55	B493001055
6.5	30	B494001030
6.5	35	B494001035
6.5	40	B494001040
6.5	45	B494001045
6.5	50	B494001050
6.5	55	B494001055
6.5	55	B494001065
6.5	75	B494001075
6.5	85	B494001085
7	30	B495001030
7	35	B495001035
7	40	B495001040
7	45	B495001045
7	50	B495001050
7	55	B495001055
7	65	B495001065
7	75	B495001075
7	85	B495001085
7	100	B495001100



Ti K Gen Poly Reduction Screw

Dia mm	Length mm	Part No. Ti
5.5	35	B497001035
5.5	40	B497001040
5.5	45	B497001045
5.5	50	B497001050
6.5	35	B496001035
6.5	40	B496001040
6.5	45	B496001045
6.5	50	B496001050



Ti K Gen Dual Thread Poly Pedicle Screw

Dia mm	Length mm	Part No. Ti
4.25	25	B498001025
4.25	30	B498001030
4.25	35	B498001035
4.25	40	B498001040
4.25	45	B498001045
4.25	50	B498001050
5.5	30	B499001030
5.5	35	B499001035
5.5	40	B499001040
5.5	45	B499001050
5.5	50	B499001050
6.5	30	B100101030
6.5	35	B100101035
6.5	40	B100101040
6.5	45	B100101045
6.5	50	B100101050
6.5	55	B100101055
7	35	B100201035
7	40	B100201040
7	45	B100201045
7	50	B100201050



Ti Dual Thread Poly Reduction Screw

Dia mm	Length mm	Part No. Ti
5.5	30	B100301030
5.5	35	B100301035
5.5	40	B100301040
5.5	45	B100301045
5.5	50	B100301050
6.5	35	B100401035
6.5	40	B100401040
6.5	45	B100401045
6.5	50	B100401050



Pedicle Bridge Plate

	Part No.
30/34	B315001000
34/42	B316001000
40/53	B317001000
50/70	B318001000



Spinal Precut Rod

Dia	length	Part No.
5.4	50	B 380054050
5.4	60	B 380054060
5.4	70	B 380054070
5.4	80	B 380054080
5.4	90	B 380054090
5.4	100	B 380054100
5.4	110	B 380054110
5.4	120	B 380054120
5.4	150	B 380054150
5.4	200	B 380054200
5.4	250	B 380054250
5.4	300	B 380054300
5.4	350	B 380054350

5.4	400	B 380054400
5.4	450	B 380054450
5.4	500	B 380054500

**Grub Screw**

Part No. B 312000000

**D Connector**

Part No. B 356001000

**D Connector Rod**

Dia	Length	Part No.
4 mm	75 mm	B 363000075
4 mm	100 mm	B 363000100
4 mm	125 mm	B 363000125
4 mm	150 mm	B 363000150

Instrumentation Set for K Gen System

Compression Forceps	BA06101000
Breakable Forceps	BA06201000
Quick Coupling Handle-T	BA06301000
Rod Rotation Forceps	BA06401000
Holding Forceps	BA06501000
Counter Torque Positioner	BA06601000
Polyaxial Screw Introducer K Gen	BA06701000
Tap Dia 4.5mm K Gen	BA18801000
Tap Dia 5.5mm K Gen	BA18900045
Tap Dia 6.5mm K Gen	BA18900055
Anti-Rotation Sleeve K Gen	BA18900065
Feeler for screw channel straight	BA19001000
Feeler for screw channel curved	BA07400001
Rod pusher	BA07400002
Inny Introducer K gen	BA07501000
Tab Breaker	BA19101000
Quick Coupling Screwdriver	BA07701000
Star T30	BA19201000
Trial Rod	BA07900000
Distractor forceps	BA08001000
Open Awl	BA08101000
Straight probe	BA08201000
Curved probe	BA08202000
Rod Bender	BA08301000
Ratchet Handle T Type	BA08401000
Rod Introduction Instrument K Gen	BA19301000
Rocker for K Gen	BA19401000
Rod Rotation Left	BA08700001
Rod Rotation Right	BA08700002
Torque Limiting Handle	BA08901000
Container for K Gen Instrument set	HA04601000

Titanium C Gen Screws



Ti C Gen Dual Thread Poly Pedicle Screw

Dia mm	Length mm	Part No. Ti
5.5	35	B490001035
5.5	40	B490001040
5.5	45	B490001045
5.5	50	B490001050
6.5	35	B491001035
6.5	40	B491001040
6.5	45	B491001045
6.5	50	B491001050



Pedicle Bridge Plate

	Part No.
30/34	B 315001000
34/42	B 316001000
40/53	B 317001000
50/70	B 318001000



D Connector

Part No.	
B 356001000	



D Connector Rod

Dia	Length	Part No.
4 mm	75 mm	B 363000075
4 mm	100 mm	B 363000100
4 mm	125 mm	B 363000125
4 mm	150 mm	B 363000150



Spinal Precut rod

Length	Part No.
Ø5.5X40	BI00555040
Ø5.5X50	BI00555050
Ø5.5X60	BI00555060
Ø5.5X70	BI00555070
Ø5.5X80	BI00555080
Ø5.5X90	BI00555090
Ø5.5X100	BI00555100
Ø5.5X125	BI00555125
Ø5.5X200	BI00555200
Ø5.5X350	BI00555350
Ø5.5X450	BI00555450
Ø5.5X500	BI00555500



Grub Screw

Part No.	
B312000000	

Instrumentation for Pedical Screw C Gen System

Compression Forceps	BA06101000
Breakable Forceps	BA06201000
Quick Coupling Handle-T	BA06301000
Rod Rotation Forceps	BA06401000
Holding Forceps	BA06501000
Counter Torque Positioner	BA06601000
Polyaxial Screw Introducer C Gen	BA19501000
Tap Dia 4.5mm C Gen	BA19600045
Tap Dia 5.5mm C Gen	BA19600055
Tap Dia 6.5mm C Gen	BA19600065
Anti-Rotation Sleeve C Gen	BA19701000
Feeler for Screw Channel Straight	BA07400001
Feeler for Screw Channel Curved	BA07400002
Rod Pusher	BA07501000
Inny Introducer	BA19101000
Tab Breaker	BA07701000
Quick Coupling Screwdriver Star T30	BA19201000
Trial Rod	BA07900000
Distractor Forceps	BA08001000
Open Awl	BA08101000
Straight Probe	BA08201000
Curved Probe	BA08202000
Rod Bender	BA08301000
Ratchet Handle T Type	BA08401000
Rod Introduction Instrument	BA19801000
Rocker for C Gen	BA19901000
Rod Rotation Left	BA08700001
Rod Rotation Right	BA08700002
Torque Limiting Handle	BA08901000
Container for C Gen Instrument set	HA04701000

Trigen* System
(Low Profile Pedicle Screw System)



Trigen Polyaxial Screw

Dia	length	Part No.
4.5	26	B 368001026
4.5	28	B 368001028
4.5	30	B 368001030
4.5	35	B 368001035
5.5	30	B 375001030
5.5	35	B 375001035
5.5	40	B 375001040
5.5	45	B 375001045
5.5	50	B 375001050
6.5	30	B 376001030
6.5	35	B 376001035
6.5	40	B 376001040
6.5	45	B 376001045
6.5	50	B 376001050
7.5	35	B 404001035
7.5	40	B 404001040
7.5	45	B 404001045
7.5	50	B 404001050
8.5	35	B 435001035
8.5	40	B 435001040
8.5	45	B 435001045
8.5	50	B 435001050



Trigen Pedicle Screw

Dia	length	Part No.
4.5	26	B 377001026
4.5	28	B 377001028
4.5	30	B 377001030
4.5	35	B 377001035
5.5	30	B 378001030
5.5	35	B 378001035
5.5	40	B 378001040
5.5	45	B 378001045
5.5	50	B 378001050
6.5	30	B 379001030
6.5	35	B 379001035
6.5	40	B 379001040
6.5	45	B 379001045
6.5	50	B 379001050



Trigen Precut Rod

Dia	length	Part No.
5.4	50	B 380054050
5.4	60	B 380054060
5.4	70	B 380054070
5.4	80	B 380054080
5.4	90	B 380054090
5.4	100	B 380054100
5.4	110	B 380054110
5.4	120	B 380054120
5.4	150	B 380054150
5.4	200	B 380054200
5.4	250	B 380054250
5.4	300	B 380054300
5.4	350	B 380054350
5.4	400	B 380054400
5.4	450	B 380054450
5.4	500	B 380054500

Combi Spinal Rod

Part No. B399000000



Anterior washer Ti - UL

Part No. B 277000000



Trigen Poly reduction screw

Dia	Length	Part No.
4.5	26	B 428001026
4.5	28	B 428001028
4.5	30	B 428001030
4.5	35	B 428001035
5.5	30	B 429001030
5.5	35	B 429001035
5.5	40	B 429001040
5.5	45	B 429001045
5.5	50	B 429001050
6.5	30	B 430001030
6.5	35	B 430001035
6.5	40	B 430001040
6.5	45	B 430001045
6.5	50	B 430001050



Domino Connector

	Part No.
5.7 X 4.4	B 361001000
5.7 X 4.4	B 362001000
4.4 X 4.4	B 402001000

**Instrumentation Set for
Trigen^{*} System**



Depuy Sound
Part No. B 813000000



Inny Introducer
Part No. B 824001000



Inny Tightener
Part No. B 825001000



Pedicle Screw Introducer
Part No. B 826001000



Polyaxial Screw Introducer
Part No. B 827001000



Rod Pusher for unlock
Part No. B 682001000



Pedicle Trocar QC for unlock
Part No. B 695001000



Rod Stabilizer
Part No. B 829001000



Set Screw Driver for unlock
Part No. B 684001000



Malleable Rod 6mm
Part No. B 685001000



Scoliosis Spreader Forcep for unlock
Part No. B 686001000



Scoliosis Compression Forcep for unlock
Part No. B 687001000



Rod Holding Forcep
Part No. B 840001000



Vice Grip
Part No. B 689001000



Quick Change
Part No. B 696001000



Rocker
Part No. B 828001000



Torque Wrench
Part No. B 834001000



Tap QC
4.5 mm B 830000000
5.5 mm B 831000000
6.5 mm B 832000000



Rod Reducer forceps
Part No. B 842001000



Depuy Probe Straight

Part No. B 814001000



Depuy Probe Curved

Part No. B 815001000



Anterior Washer Introducer

Part No. B 669001000



Pedicle Reamer

Part No. B 833000000



Rod Bender

Part No. B 611001000



Tab breaker for unilock

Part No. B 698001000



Container for Trigen Set

Instrument H 933001000

Implant H 947001000

Special Trigen Instrument Set

Lumber Pedical Probe Straight	B901001000
Lumber Pedical Probe Curved	B902001000
Stopper Throic Probe	B903001000
Thoracic Probe Blunt	B904001000
Thoracic Probe Sharp	B905001000
Candle K Wire	B906000000
Head Alighner	B907000000
Sound Straight	B908000000
Sound Curved	B909000000
In-Situ Bender Left	B910000000
In-Situ Bender Right	B911000000
Rocker forceps For Trigen	B828002000
Container for Special Trigen Instrument set	H933002000

Octosys* (Lateral Mass System)

Lateral Mass System Implants



Poly Pedicle Screw for Lateral Mass

Dia mm	length mm	Part No.
3.5	12	B 357001012
3.5	14	B 357001014
3.5	16	B 357001016
3.5	18	B 357001018
3.5	20	B 357001020
3.5	22	B 357001022
3.5	26	B 357001026
3.5	30	B 357001030
4.3	24	B 364001024
4.3	26	B 364001026
4.3	28	B 364001028
4.3	30	B 364001030
4.3	35	B 364001035
4.3	40	B 364001040



Occipital Y Plate

Distance	Part No.
31 ± 2mm	B 349001031
37 ± 4mm	B 349001037
45 ± 4mm	B 349001045



Occipital T Plate

Distance	Part No.
31 ± 2mm	B 354001031
37 ± 4mm	B 354001037
45 ± 4mm	B 354001045



Bias Screw

Dia mm	length mm	Part No.
3.5	12	B 355001012
3.5	14	B 355001014
3.5	16	B 355001016
3.5	18	B 355001018
3.5	20	B 355001020



D Connector for Lateral Mass System

Part No.	Part No.
B 358001000	B 358001000

Instrument Set for Lateral Mass System



D Connector Rod for Lateral Mass System

Dia mm	length mm	Part No.
2.5	50	B 359000050
2.5	75	B 359000075
2.5	100	B 359000100



Occipital Rod

Part No.	Part No.
B 360000000	B 360000000



Locking Head Screw for Occipital Plate

Dia mm	length mm	Part No.
3.5	6	B 365000006
3.5	8	B 365000008
3.5	10	B 365000010



Polyaxial Screw Introducer

Part No.	Part No.
B 722001000	B 722001000



Inny introducer
Part No. B 724001000



Inny Tightener
Part No. B 725001000



Vice Grip
Part No. B 728001000



Rod Holding forceps
Part No. B 729001000



Rod Bender
Part No. B 730001000



Rod Pusher
Part No. B 731001000



Rod Stabilizer
Part No. B 732001000



Trocar
Part No. B 733001000



Tap
Dia 3.5 mm Part No. B 734001000
4.3 mm Part No. B 735001000



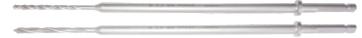
Stop Guide
Part No. B 737001000



Rocker
Part No. B 738001000



Stop Guide for Occipital Plate
Part No. B 739001000



Drill Bit
Dia 2.2 Part No. B 755000022
2.8 Part No. B 755000028



Flexible Drill Bit
Part No. A 771001000



Universal Joint Screw Tightener
Part No. B 772001000



Quick Change
Part No. A 618001000



Depth Gauge
Part No. A 778001000



Straight Probe
Part No. B 773001000



Curved Probe
Part No. B 774001000



In-Situ Rod Bender
Left B 917000000
Right B 918000000



Plate Bender
Part No. B 775000000



Sound Straight
Part No. B 908000000



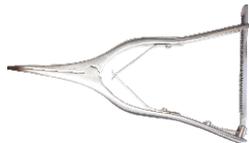
Persuader
Part No. B 942001000



Sound Curved
Part No. B 909000000



Hook Holder
Part No. B 820001000



Spreader Forceps
Part No. B 777001000



Hook Starter
Part No. B 821001000



Compressing Forceps
Part No. B 778001000



Hook Pusher
Part No. B 822001000



Container
Part No. H 952001000

MINILOC® (Small Anatomy System)

Small Anatomy System Implants



Poly Pedicle Screw for small Anatomy System

Dia	length	Part No.
3.5	14	B 342001014
3.5	16	B 342001016
3.5	18	B 342001018
3.5	20	B 342001020
3.5	22	B 342001022
3.5	26	B 342001026
3.5	30	B 342001030
4.3	24	B 345001024
4.3	26	B 345001026
4.3	28	B 345001028
4.3	30	B 345001030
4.3	35	B 345001035
4.3	40	B 345001040
5.0	24	B 347001024
5.0	26	B 347001026
5.0	28	B 347001028
5.0	30	B 347001030
5.0	35	B 347001035
5.0	40	B 347001040



Pedicle Screw for small Anatomy System

Dia	length	Part No.
4.3	24	B344001024
4.3	26	B344001026
4.3	28	B344001028

4.3	30	B 344001030
4.3	35	B 344001035
4.3	40	B 344001040
5.0	24	B 346001024
5.0	26	B 346001026
5.0	28	B 346001028
5.0	30	B 346001030
5.0	35	B 346001035
5.0	40	B 346001040



Spinal Precut Rod for small Anatomy System

length	Part No.
60	B 348000060
80	B 348000080
100	B 348000100
150	B 348000150
400	B 348000400

Instrument Set for Small Anatomy System



Pedicle Screw Introducer

Part No. B 721001000



Polyaxial Screw Introducer

Part No. B 722001000



Inny Introducer

Part No. B 724001000



Inny Tightener

Part No. B 725001000



Vice Grip

Part No. B 728001000



Rod Holding Forceps

Part No. B 729001000



Rod Bender

Part No. B 730001000



Rod Pusher

Part No. B 731001000



Rod Stabilizer

Part No. B 732001000



Trocar

Part No. B 733001000



Tap

Dia Part No.
 3.5mm B 734001000
 4.3mm B 735001000
 5.0mm B 736001000



Stop Guide

Part No. B 737001000



Rocker

Part No. B 738001000



Drill Bit

Dia Part No.
 2.2mm B 755000022
 2.8mm B 755000028



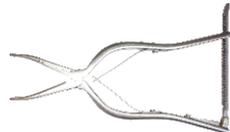
Persuader for Small Anatomy

Part No. B 942001000



Spreader forceps for Small Anatomy

Part No. B 777001000



Compressing forceps for Small Anatomy

Part No. B 778001000



Quick Change

Part No. A 618001000



Depth Gauge

Part No. A 778001000



Straight Probe

Part No. B 773001000



Curved Probe

Part No. B 774001000



In-Situ Rod Bender for Small Anatomy

Left B 917000000
 Right B 918000000



Sound Straight

Part No. B 908000000



Sound Curved

Part No. B 909000000



Container for SAS Instrument Set

Part No. H 951001000

Pro-CLIP* Cervical Lock Plate System

Cervical Spine Locking Plate System



Cervical Spine Locking Plate (level 1)

Part No.	Length	Size
B313000112	20	12 mm
B313000114	22	14 mm
B313000116	24	16 mm
B313000118	26	18 mm
B313000120	28	20 mm
B313000122	30	22 mm
B313000126	32	24 mm
B313000126	34	26 mm

(level 2)

Part No.	Length	Size
B294000226	34	26 mm
B294000228	36	28 mm
B294000230	38	30 mm
B294000232	40	32 mm
B294000234	42	34 mm
B294000237	45	37 mm
B294000240	48	40 mm
B294000243	51	43 mm
B294000246	54	46 mm

(level 3)

Part No.	Length	Size
B314000339	47	39 mm
B314000342	50	42 mm
B314000345	53	45 mm
B314000348	56	48 mm
B314000351	59	51 mm
B314000354	62	54 mm
B314000360	68	60 mm
B314000365	73	65 mm
B314000370	78	70 mm
B314000375	83	75 mm
B314000380	88	80 mm
B314000385	93	85 mm
B314000390	98	90 mm



Self Tapping Cervical Spine Locking Screw 4.0 mm

Part No.	Length
B295000012	12 mm
B295000014	14 mm
B295000016	16 mm
B295000018	18 mm



Self Tapping Cervical Spine Locking Screw 4.35 mm

Part No.	Length
B296000012	12 mm
B296000014	14 mm
B296000016	16 mm
B296000018	18 mm

Cervical Spine Locking Plate Instruments Set



Drill Bit 3mm with stopper for drilling depth

Part No.	Upto
B670000012	12mm
B670000014	14mm
B670000016	16mm
B670000018	18mm



Plate Bender

Part No. B712000000



Tap Handle - Quick Coupling

Part No. B618001000



Screw Tightener

Part No. B716001000



Locking Sleeve

Part No. B671001000



Pin Fixation Handle

Part No. B711001000



Supporting Pin for Cervical Plate

Part No. B714001000



Container for implant & instrument

Part No. H867001000

MOD-CLIP® Cervical Lock Plate System

Cervical Lock Plate System



Cervical lock plate (level 1)

Part No.	Size
B413010225	22.5mm
B413010250	25.0mm
B413010275	27.5mm
B413010300	30.0mm
B413010325	32.5mm

Cervical lock plate (level 2)

Part No.	Size
B414010350	35 mm
B414010400	40 mm
B414010450	45 mm
B414010500	50 mm

Cervical lock plate (Level 3)

Part No.	Size
B434010500	50 mm
B434010540	54 mm
B434010600	60 mm
B434010660	66 mm
B434010720	72 mm
B434010780	78 mm
B434010840	84 mm
B434010900	90 mm



Cervical lock plate screw Ø4

Part No.	Size
B415004012	12 mm
B415004014	14 mm
B415004016	16 mm
B415004018	18 mm

Cervical lock plate Rescue screw Ø4.3

Part No.	Size
B427004312	12 mm
B427004314	14 mm
B427004316	16 mm
B427004318	18 mm

Cervical Lock Plate Instruments Set



Drill Bit for Cervical Lock Plate

Part No. BA04400000



Plate Bender

Part No. B712000000



Tap Handle - Quick Coupling

Part No. B618001000



Trocar for Cervical Lock Plate

Part No. B961001000



Knob Aligner For Cervical Lock Plate

Part No. B962001000



Screw Tightener For Cervical Lock Plate

Drill Guide For Cervical Lock Plate

Part No. B964002000

Cervical Plate Holder

Part No. BA04501000



Threaded Pin

Part No. B967001000



Pin Fixator

Part No. B968001000



Container for implant & instrument

Part No. H963001000



Spinal Mesh & Cage System

Spinal Mesh System



Titanium Spinal Mesh

Dia	Length	Part No.
10	20	B 280001020
10	25	B 280001025
10	30	B 280001030
10	35	B 280001035
10	40	B 280001040
10	45	B 280001045
10	50	B 280001050
10	60	B 280001060
12	20	B 281001220
12	25	B 281001225
12	30	B 281001230
12	35	B 281001235
12	40	B 281001240
12	45	B 281001245
12	50	B 281001250
12	60	B 281001260
14	8	B 282001408
14	9	B 282001409
14	10	B 282001410
14	11	B 282001411
14	12	B 282001412
14	13	B 282001413
14	14	B 282001414
14	17	B 282001417
14	20	B 282001420
14	25	B 282001425
14	30	B 282001430
14	35	B 282001435
14	40	B 282001440
14	45	B 282001445
14	50	B 282001450
14	60	B 282001460
16	10	B 283001610

16	15	B 283001615
16	20	B 283001620
16	25	B 283001625
16	30	B 283001630
16	35	B 283001635
16	40	B 283001640
16	45	B 283001645
16	50	B 283001650
16	60	B 283001660

Instruments Set for Spinal Mesh System - B 94610000



Mesh Holder

Part No. B 657001000



Straight Mesh Pusher

Part No. B 658001000



Bone Tamp for cervical disc Spacer

Part No. B 944001000



Curved Mesh Pusher

Part No. B 658002000



Mesh Cutter

Part No. B 810000000

Container for spinal mesh Implants & Instruments

Part No. H 889002000



PLIF Cages 0 Deg.

Dia mm	Length mm	Part No.
7	15	B 300000715
7	20	B 300000720
7	25	B 300000725
8	15	B 300000815
8	20	B 300000820
8	25	B 300000825
9	15	B 300000915
9	20	B 300000920
9	25	B 300000925
10	15	B 300001015
10	20	B 300001020
10	25	B 300001025
11	15	B 300001115
11	20	B 300001120
11	25	B 300001125
12	15	B 300001215
12	20	B 300001220
12	25	B 300001225



PLIF Cages 4 Deg.

Dia mm	Length mm	Part No.
8	15	B 300040815
8	20	B 300040820
8	25	B 300040825
9	15	B 300040915
9	20	B 300040920
9	25	B 300040925
10	15	B 300041015
10	20	B 300041020
10	25	B 300041025
11	15	B 300041115
11	20	B 300041120
11	25	B 300041125

12	15	B 300041215
12	20	B 300041220
12	25	B 300041225



PEEK-PLIF Cages 0 Deg.

Dia mm	Length mm	Part No.
8	20	B 351100820
8	23	B 351100823
8	25	B 351100825
9	20	B 351100920
9	23	B 351100923
9	25	B 351100925
10	20	B 351101020
10	23	B 351101023
10	25	B 351101025
11	20	B 351101120
11	23	B 351101123
11	25	B 351101125
12	20	B 351101220
12	23	B 351101223
12	25	B 351101225



PEEK-PLIF Cages 4 Deg.

Dia mm	Length mm	Part No.
8	20	B 350140820
8	23	B 350140823
8	25	B 350140825
9	20	B 350140920

9	23	B 350140923
9	25	B 350140925
10	20	B 350141020
10	23	B 350141023
10	25	B 350141025
11	20	B 350141120
11	23	B 350141123
11	25	B 350141125
12	20	B 350141220
12	23	B 350141223
12	25	B 350141225
13	20	B 350141320
13	23	B 350141323
13	25	B 350141325
14	20	B 350141420
14	23	B 350141423
14	25	B 350141425



TLIF Cage

Thickness mm	Length mm	Part No. Ti
7	28	B 336007666
8	28	B 336008676
9	28	B 336009686
10	28	B 336010696
11	28	B 336011706
12	28	B 336012716
13	28	B 336013726
14	28	B 336014736
15	28	B 336015746



Cervical Peek Cage

Length	Part No.
5	B 406001005
6	B 406001006
7	B 406001007
8	B 406001008
9	B 406001009
10	B 406001010

Instruments Set for PLIF TLIF Cages
Part No. B 781010000

PLIF Cage Holder
Part No. B 675002000

TLIF Cage Holder
Part No. B 715002000



Rasp for TLIF Cage
Part No. B 747001000



Straight Impactor
Part No. B 748001000



Curved Impactor
Part No. B 749001000



TLIF cage guide
Part No. B 750001000



Currets

Straight	Part No. B 751001000
Right angled	Part No. B 752001000
Left angled	Part No. B 753001000
Upward angled	Part No. B 754001000



Rasp for PLIF
Part No. B 757001000



Quick change
Part No. B 756001000



Spreader

7mm	Part No. B 976000000
8mm	Part No. B 758001000
9mm	Part No. B 977000000
10mm	Part No. B 759001000
11mm	Part No. B 978000000
12 mm	Part No. B 763001000
13 mm	Part No. B 921000000
14 mm	Part No. B 922000000



Cutter for PLIF

7mm	Part No. B 973000000
8mm	Part No. B 705000000
9mm	Part No. B 974000000
10mm	Part No. B 706000000
11mm	Part No. B 975000000
12mm	Part No. B 707000000
13mm	Part No. B 923000000
14mm	Part No. B 924000000



Funnel
Part No. B 760001000



Dura

10 mm	Part No. B 761000001
6 mm	Part No. B 761000002



Cage support Block
Part No. B 764001000



Quick Change for Box Chisel
Part No. B 770000000



Trial for TLIF Cage

	Part No.
7 mm	B 746000007
8 mm	B 746000008
9 mm	B 746000009
10 mm	B 746000010



Trial for PLIF

	Part No.
7 mm	B 762000007
8 mm	B 762000008
9 mm	B 762000009
10 mm	B 762000010
11 mm	B 762000011
12 mm	B 762000012
13 mm	B 762000013
14 mm	B 762000014



Box Chisel

	Part No.
7 mm	B 765000000
8 mm	B 766000000
9 mm	B 767000000
10 mm	B 768000000
11 mm	B 972000000
12 mm	B 769000000
13 mm	B 919000000
14 mm	B 920000000



Bone Graft Compactor

Part No. B 776001000



Container for PLIF, TLIF implants & Instruments

Part No. H 916001000

CERVICAL DISC SPACER



Cervical Disc Spacer 15X12

Thickness	Part No.
4 mm	B 352151274
5 mm	B 352151275
6 mm	B 352151276
7 mm	B 352151277
8 mm	B 352151278
9 mm	B 352151279



Cervical Disc Spacer 18X14

Thickness	Part No.
4 mm	B 353181474
5 mm	B 353181475
6 mm	B 353181476
7 mm	B 353181477
8 mm	B 353181478
9 mm	B 353181479

Instruments for Cervical Disc Spacer



Cervical Disc Trials 18x14mm

Thickness	Part No.
4 mm	B 741181474
5 mm	B 741181475
6 mm	B 741181476
7 mm	B 741181477
8 mm	B 741181478
9 mm	B 741181479



Cervical Disc Trials 15x12mm

Thickness	Part No.
4 mm	B 740151274
5 mm	B 740151275
6 mm	B 740151276
7 mm	B 740151277
8 mm	B 740151278
9 mm	B 740151279



Introducer for Cervical Disc Spacer

Part No. B 742001000



15x12mm Rasp for Cervical Disc Spacer

Part No. B 743001000



18x14mm Rasp for Cervical Disc Spacer

Part No. B 744001000

Graft Seat Holder

Part No. B 943000000



100.4X100.4	N 126000000
100.4X123.4	N 127000000
100.4X134.9	N 128000000
100.4X146.4	N 129000000
42.9X42.9	N 130000033
54.4X77.4	N 130000046
77.4X77.4	N 130000066
146.4X123.4	N 130001210
146.4X146.4	N 130001212

Bone Tap Rod

Part No. B 944001000

Container for cervical Disc Spacer Implant & Instrument

Part No. H953001000

*** Optional Instruments Cervical Disc Spacer to be ordered on request.**



Pin Introducer for Vertebral Distractor

Part No. B 717001000



Pin for Vertebral Distractor

Part No. B 718000000



Cervical Distractor

Part No. B 719001000

Cervical Distractor Pin

12mm B 718000012
 14mm B 718000014
 16mm B 718000016



Cranial Mess

Titax Cranial Mesh

Length	Part No.
42.9X42.9	N 121000000
54.4X77.4	N 122000000
77.4X77.4	N 123000000
77.4X88.9	N 124000000
77.4X100.4	N 125000000



Hybrid Adjustable Cage

Length	Part No.
20-25	B 343002025
25-35	B 343002535

Instruments Set for Expandable Cage



Tommy Bar for Cages

Part No. B 883000000



Drill Bit 3mm with stopper for drilling depth upto

Depth	Part No.
12mm	B 670000012
14mm	B 670000014
16mm	B 670000016
18mm	B 670000018

Self Drilling Screw 1.5 mm

Holes	Part No.
1.5mm X 4	N 305000004
1.5mm X 6	N 305000006
1.5mm X 8	N 305000008



Expandable Cage



Expandable Cage

Size mm	Length mm	Part No.
12	20-25	B 381122025
12	25-35	B 381122535
12	35-50	B 381123550
12	55-70	B 381125570
14	20-25	B 382142025
14	25-35	B 382142535
14	35-50	B 382143550
14	55-70	B 382145570
16	20-25	B 383162025
16	25-35	B 383162535
16	35-50	B 383163550
16	55-70	B 383165570
18	20-25	B 384182025
18	25-35	B 384182535
18	35-50	B 384183550
18	55-70	B 384185570



Tap Handle Quick Coupling

Part No. A 618001000

Screw Tightener

Part No. B 716001000



Locking Sleeve

Part No. B 671000000



DRONER PEEK Cage System



Droner PEEK Cage Length 22mm

Part No.	Dia
B416100822	8
B416100922	9
B416101022	10
B416101122	11
B416101222	12
B416101322	13
B416101422	14
B416101522	15
B416101622	16

Droner PEEK Cage Length 26mm

Part No.	Dia
B416100826	8
B416100926	9
B416101026	10
B416101126	11
B416101226	12
B416101326	13
B416101426	14
B416101526	15
B416101626	16

Droner PEEK Cage Length 32mm

Part No.	Dia
B416100832	8
B416100932	9
B416101032	10
B416101132	11
B416101232	12
B416101332	13
B416101432	14
B416101532	15
B416101632	16

DRONER T Cage System



Droner T Cage Length 22mm

Part No.	Dia
B479000822	8
B479000922	9
B479001022	10
B479001122	11
B479001222	12
B479001322	13
B479001422	14
B479001522	15
B479001622	16

Droner T Cage Length 26mm

Part No.	Dia
B479000826	8
B479000926	9
B479001026	10
B479001126	11
B479001226	12
B479001326	13
B479001426	14
B479001526	15
B479001626	16

Droner PEEK Cage Length 32mm

Part No.	Dia
B479000832	8
B479000932	9
B479001032	10
B479001132	11
B479001232	12
B479001332	13
B479001432	14
B479001532	15
B479001632	16

Instruments for DRONER Cage System



Trial for Droner Cage length 22mm

Part No.	Dia
B987100822	8
B987100922	9
B987101022	10
B987101122	11
B987101222	12
B987101322	13
B987101422	14
B987101522	15
B987101622	16

Trial for Droner Cage length 26mm

Part No.	Dia
B988100826	8
B988100926	9
B988101026	10
B988101126	11
B988101226	12
B988101326	13
B988101426	14
B988101526	15
B988101626	16

Trial for Droner Cage length 32mm

Part No.	Dia
B989100832	8
B989100932	9
B989101032	10
B989101132	11
B989101232	12
B989101332	13
B989101432	14
B989101532	15
B989101632	16



Threaded inserter for Droner Cage

Part No. B990001000



Currets

Part No.	Description
B751001000	Straight
B752001000	Right Angled
B753001000	Left Angled
B754001000	Upward Angled



Rasp for PLIF

Part No. B757001000



PLIF cage holder

Part No. B675001000



Spreader

Part No.	Size
B976000000	7
B758001000	8
B977000000	9
B759001000	10
B978000000	11
B763001000	12
B921000000	13
B922000000	14
B991000000	15
B992000000	16



Cutter for PLIF Cage

Part No.	Size
B 973000000	7
B 705000000	8
B 974000000	9
B 706000000	10
B 975000000	11
B 707000000	12
B 923000000	13
B 924000000	14
B 993000000	15
B 994000000	16



Quick Change

Part No. B756001000



Funnel

Part No. B760001000



Dura

Part No.	Size
B 761000001	10mm
B 761000002	6mm



Quick change for box chisel

Part No. B770000000



Bone Graft Compactor

Part No. B776001000



Cage Support Block

Part No. B764001000



Box Chisel

Part No.	Size
B765000000	7mm
B766000000	8mm
B767000000	9mm
B972000000	10mm
B768000000	11mm
B769000000	12mm
B919000000	13mm
B920000000	14mm
B995000000	15mm
B996000000	16mm



Trial for PLIF

Part No.	Size
B762000007	7mm
B762000008	8mm
B762000009	9mm
B762000010	10mm
B762000011	11mm
B762000012	12mm
B762000013	13mm
B762000014	14mm



Container for Droner Cage Instrument Set

Part No. H977001000

Zero-P Acif stand alone Cage



Zero-P Acif stand alone cage

Length	Part No.
6	B 417000006
7	B 417000007
8	B 417000008
9	B 417000009
10	B 417000010
11	B 417000011
12	B 417000012

Instruments Set for Stand alone Cage



Trial for stand alone cage

Length	Part No.
6	BA 01501006
7	BA 01501007
8	BA 01501008
9	BA 01501009
10	BA 01501010
11	BA 01501011
12	BA 01501012



Rasp for stand alone cage

Part No. BA 01601000



Stand alone Cage Holder

Part No. BA04201000



Flexible Screw Driver

Part No. BA01001000



Flexible Screw introducer

Part No. BA01101000



Flexible drill

Part No. BA01201000



Drill Bit for Stand alone Cage

Part No. BA04300000

Drill Guide for Stand alone Cage

Part No. BA04101000



Screw Tightener for Cervical Plate Screw

Part No. B7160001000



Tap Handle Quick Coupling

Part No. B618001000



Container for stand alone cage with plate implant & instrument Set

Part No. H 982001000

Cage with Plate



Cage with Plate

Dia	Part No.
5mm	B 41800005
6mm	B 41800006
7mm	B 41800007
8mm	B 41800008
9mm	B 41800009
10mm	B 41800010
11mm	B 41800011
12mm	B 41800012



Self Drilling Head Locking Screw

Dia	Part No.
Ø4X12mm	B 440004012
Ø4X14mm	B 440004014
Ø4X16mm	B 440004016
Ø4X18mm	B 440004018

Instruments Set for Cage with Plate System



Cage with plate Introducer

Part No. B A01301000



Trial for Cage with Plate

Dia	Part No.
5mm	B A01701005
6mm	B A01701006
7mm	B A01701007
8mm	B A01701008
9mm	B A01701009



Rasp for Cage with Plate

Part No. BA01801000



Drill Bit 3mm with Stopper for Depth

Upton	Part No.
12mm	B 670000012
14mm	B 670000014
16mm	B 670000016
18mm	B 670000018



Locking Sleeve

Part No. B 671000000



Screw Tightener A/F 2.5mm for locking screw

Part No. B A02301000



Tap Handle - Quick Coupling

Part No. A 618001000



Container for Cage with Plate Implant & Instrument Set

Part No. H 983001000

Hybrid Jacx Cage



Hybrid Jacx Cage Dia 12mm

Part No.	Size
B425122025	20-25
B425122532	25-32
B425123035	30-35



Hybrid Jacx Cage Dia 14mm

Part No.	Size
B426142025	20-25
B426142532	25-32
B426143035	30-35



Cervical Lock Plate Screw Dia 4mm

Part No.	Length
B415004012	12
B415004014	14
B415004016	16
B415004018	18



Cervical Lock Plate Rescue Screw Dia 4.3mm

Part No.	Length
B416101332	12
B416101432	14
B416101532	16
B416101632	18

Instruments for Hybrid Jacx Cage

Tap Handle Quick Coupling	A618001000
Trocar for Cervical Lock Plate	B961001000
Knob Aligner for Cervical Lock Plate	B962001000
Screw Tightener for Cervical Lock Plate	BA02201000
Drill bit for for Cervical Lock Plate	BA04400000
Drill Guide for Cervical Lock Plate	B964002000
Key for Hybride Jacx Cage	BA05801000
Screw Tightener for Hybrid Jacx Cage	BA05901000

VS Plates & Screws System

VS Plates & Screws System



VS Plates

Holes

2
3
4
5
6

Part No.

B 373000002
B 373000003
B 373000004
B 373000005
B 373000006



VS Screws

Length

35 mm
40 mm
45 mm

Part No.

B 374001035
B 374001040
B 374001045

Instruments for VS Plates & Screws



Introducer for VS Screw

Part No. B 816001000



Hex Nut Holder for VS Plate

Part No. B 817001000



Awl for VS Screw

Part No. B 836001000



Tap for VS Screw

Part No. B 837001000



Container for VS Plate Implants & Instruments

Part No. H 928001000

Atlax* (Atlanto-axial Fixation System for C1-C2 Vertebral Spine)

Atlanto-axial Fixation System for C1-C2 Vertebral Spine



Atlax Spacer

Part No.	Size
B431000035	3.5 mm
B431000045	4.5 mm
B431000050	5.0 mm
B431000060	6.0 mm



Atlax Plate

Part No.	Size
B432000016	16 mm



Atlax Plate

Part No.	Size
B432000020	20 mm



Atlax screw dia 3mm

Part No.	Length
B433003024	24 mm
B433003026	26 mm
B433003028	28 mm
B433003030	30 mm
B433003032	32 mm

Instruments for Atlax System B998010000



Drill sleeve for Atlax plate

Part No.	Size
B979001000	



Trial for Atlax spacer

Part No.	Size
B980001035	3.5 mm
B980001045	4.5 mm
B980001050	5.0 mm
B980001060	6.0 mm



Plate holding forceps for Atlax plate

Part No.	Size
B981001000	



Introducer for Atlax spacer 3.5 mm & 4.5 mm

Part No.	Size
B982001000	



Introducer for Atlax spacer 5 mm & 6 mm

Part No.	Size
B983001000	



Tap dia 2.5 mm for Atlax screw

Part No.	Size
B984001000	



Drill dia 2.1 mm for Atlax screw

Part No.	Size
B985001000	



Screw introducer for Atlax screw

Part No.	Size
B986001000	



Quick change for Box Chisel

Part No.	Size
B770000000	



Container for Atlax Implant & Instrument

Part No.	Size
H967001000	

Special Instrumentation for Spine

Spine Dissection Set



Pen field dissector

No	Part No.
2	B843000000IT
3	B844000000IT
4	B845000000IT



Murphy ball hook

Part No. B846000000IT



Woodson elevator

Part No. B847000000IT



Micro cob elevator

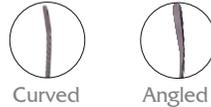
mm	Part No.
3	B848000000IT
4	B849000000IT
7.5	B850000000IT

Micro Dissection Set



Round dissector

	Part No.
1mm	B851000000IT
2mm	B852000000IT
3mm	B853000000IT



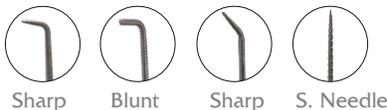
Elevator

	Part No.
Curved	B854000000IT
Angled	B855000000IT



Spatula

	Part No.
Small	B856000000IT
Medium	B857000000IT
Large	B858000000IT



Hook

90° Sharp	B859000000IT
90° Blunt	B860000000IT
45° Sharp	B861000000IT
Straight Needle	B862000000IT



Straight



Angled

Micro Curettes

Straight
Angled

Part No.
B863000000IT
B864000000IT



Meatal Curette

Part No. B865000000IT



Straight



90°



5mm 90°



4mm 40°



8mm 40°

Tear drop dissector set

Straight
90°
5 mm 90°
4 mm 40°
8 mm 40°

Part No.
B866000000IT
B867000000IT
B868000000IT
B869000000IT
B870000000IT

Long Handle Curette & Elevator Set



Straight Curette

Size	Part No.
1	B871000000IT
4	B872000000IT
6	B873000000IT



Angled Curette

Size	Part No.
1	B874000000IT
4	B875000000IT
6	B876000000IT



Reverse Angled Curette

Size	Part No.
1	B877000000IT
4	B878000000IT
6	B879000000IT



Elevator Cobs

Size	Part No.
12mm	B880000000IT
18mm	B881000000IT
24mm	B882000000IT

Basic Instrument Set



Osteotome Classic

Size	Part No.
5 mm : Straight	G693000105IT
5 mm : Curved	G693000205IT
10 mm : Straight	G693000110IT
10 mm : Curved	G693000210IT
15 mm : Straight	G693000115IT
15 mm : Curved	G693000215IT
20 mm : Straight	G693000120IT
20 mm : Curved	G693000220IT
25 mm : Straight	G693000125IT
25 mm : Curved	G693000225IT



Gauge : Classic

Size	Part No.
5 mm	G685021000IT
10mm	G685101000IT
15mm	G685151000IT
20mm	G685201000IT
25mm	G685251000IT



Chisel with attached fiber handle straight

Size	Part No.
5mm	G678051000IT
10mm	G678101000IT
15mm	G678151000IT
20mm	G678201000IT
25mm	G678251000IT



Bone Lever : Lanes : Plain :

Size	Part No.
Small	G555011000IT
Medium	G555021000IT
Big	G555031000IT
Serrated Big	G556031000IT



Elevator : Periosteic :

Robert Jones type	G562001000IT
Bristow Type	G563001000IT
Farabeuf Type curved	G564001000IT
Farabeuf Type Straight	G565001000IT

Dura & Vessel Repair Kit



Micro Needle Holder

Part No.	B798000000IT
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Micro Scissor

Part No.	B799000000IT
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Atraumatic Micro Force

Part No.	B800000000IT
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Kerrison Punch Set



Kerrison Punch 45°

		Part No.
2mm	Upward	B794004502IT
3mm	Upward	B794004503IT
4mm	Upward	B794004504IT
5mm	Upward	B794004505IT
2mm	Downward	B795004502IT
3mm	Downward	B795004503IT
4mm	Downward	B795004504IT
5mm	Downward	B795004505IT



Kerrison Punch 90°

		Part No.
2mm	Upward	B796009002IT
3mm	Upward	B796009003IT
4mm	Upward	B796009004IT
5mm	Upward	B796009005IT
2mm	Downward	B797009002IT
3mm	Downward	B797009003IT
4mm	Downward	B797009004IT
5mm	Downward	B797009005IT

Kerrison Punch - Detachable Set



Rotatable Kerrison Punch 90°

Stem	Part No.
3mm	BA00501001

Rotatable Kerrison Punch 110 deg

Stem	Part No.
2mm	BA00401000

Rotatable Kerrison Punch 130 deg

Stem	Part No.
3mm	BA00601000
4mm	BA00701000
5mm	BA00801000

Container for Kerrison Punch

Part Code	Part No.
	HA02501000

Traditional Spinal Instruments

→ SHPOPL offers comprehensive spinal solutions in terms of Unilock Pedicle screw, Spinal Mesh, PLIF cages, Cages in PEEK, Cervical Locked Plate systems & Occipito Cervico Thoracic System.

→ In addition to these specialized implants and instruments, spinal surgery needs wide range of traditional instruments for their routine procedure of spine.

→ Such instruments are required to be made with precision, accuracy are to be crafted out of right stainless steel material for proper cutting during spinal surgery. The list includes various bone cutter, rongers, nibblers and punches.

→ SHPOPL crafts these instruments with precision scientifically through contract manufacturing from Schinger Instrumente, Germany.

***Proper understanding of the device & technique are essential. Physicians/Surgeons are strongly encouraged to obtain instructions from other experienced clinicians to observe proper surgical procedure in initial use of spinal system. SHPOPL conducts various graded symposium for Surgeons & strongly recommend use of apparatus only after proper training. It is expected that Surgeons should use apparatus for specific indications mentions & carefully study all warning & precautions prior to using apparatus.

Spinal Instruments



Bone Cutter Horsey
Part No. B 522001000T



Bone Cutter Tuderd-Edward
Part No. B 523001000T



Rounger Right Angle
Part No. B 507001000T



Straight Curved

Sargent Rounger
Part No.
Straight B 503001000T
Curved B 504001000T



Straight Curved

Bone Cutter Liston Double Action
Part No.
Straight B 525001000T
Curved B 525002000T



Straight Curved

Bone Cutter Liston Single Action
Part No.
Straight B 524001000T
Curved B 524002000T



Straight Curved

Bone Nibbler Double Action
Part No.
Straight B 501001000T
Curved B 501002000T



Straight Curved

Bone Nibbler Single Action
Part No.
Straight B 500001000T
Curved B 500002000T



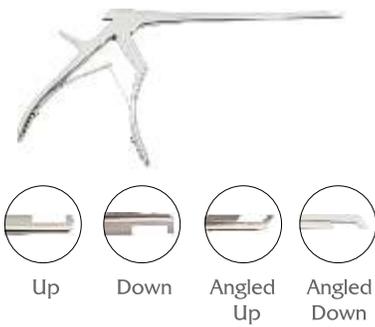
Rounger Kiliner
Part No. B 506001000T



Olecrona Rounger
Part No. B 505001000T



Lacksell Rounger
Part No. B 502001000T



Kerrison Punch

	Part No.
Upward	B 516001000T
Downward	B 517001000T
Angled Up	B 518001000T
Angled Downward	B 518002000T



Hijack Punch

	Part No.
Upward	B 519001000T
Downward	B 520001000T
Angled	B 521001000T



Mastroid Retractor

Size	Part No.
150 mm	B 529151000T
200 mm	B 259201000T
250 mm	B 529251000T



Rib Rasperatory Left

Part No.	B 527001000T
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Self Retaining Retractor with follow up blades

Size	Part No.
250 mm	B 530251000T
300 mm	B 530301000T



Disc Punch Upward

	Part No.
Upward	B 508001000T
Downward	B 509001000T
Straight	B 510001000T



Rib Rasperatory Right

Part No.	B 528001000T
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