



Bonetech Medisys
implanting precision



NEXPINE™
Next Level Spine



www.bonetechmedisys.com

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Thoraco Lumber Pedicle Screw System



Pedicle Screw System

Description

The Ephorate™ pedicle screw system consists of a variety of sizes of screws, as well as implant components from other Nexpine™ spinal systems which can be rigidly locked into a variety of configurations.

Intended Use

Ephorate™ pedicle screw system is intended to help provide immobilization and stabilization of spinal segments as an adjunct to fusion of the thoracic, lumbar, or sacral spine.

Indication

Degenerative Disc Disease (DDD - defined as back pain of discogenic origin with degeneration of the disc), Spondylolisthesis, Trauma (i.e. fracture or dislocation), Spinal Stenosis, Curvatures (i.e. scoliosis, kyphosis, or lordosis), Tumor, Pseudarthrosis, and/or failed previous fusion.

Contraindication

- Active infectious process or significant risk of infection.
- Signs of local inflammation.
- Fever or leucocytosis.
- Morbid obesity.
- Pregnancy.
- Mental illness.
- Grossly distorted anatomy caused by congenital abnormalities.

Ordering Information

Monoaxial

CODE	DIAMETER	LENGTH (5mm Increments)
BS101.45.L	Ø 4.5 MM	25MM TO 45MM
BS102.55.L	Ø 5.5 MM	30MM TO 50MM
BS103.65.L	Ø 6.5 MM	30MM TO 50MM

Polyaxial

CODE	DIAMETER	LENGTH (5mm Increments)
BS104.45.L	Ø 4.5 MM	25MM TO 45MM
BS105.55.L	Ø 5.5 MM	30MM TO 50MM
BS106.65.L	Ø 6.5 MM	30MM TO 90MM
BS134.70.L	Ø 7.0 MM	30MM TO 90MM

Reduction Monoaxial

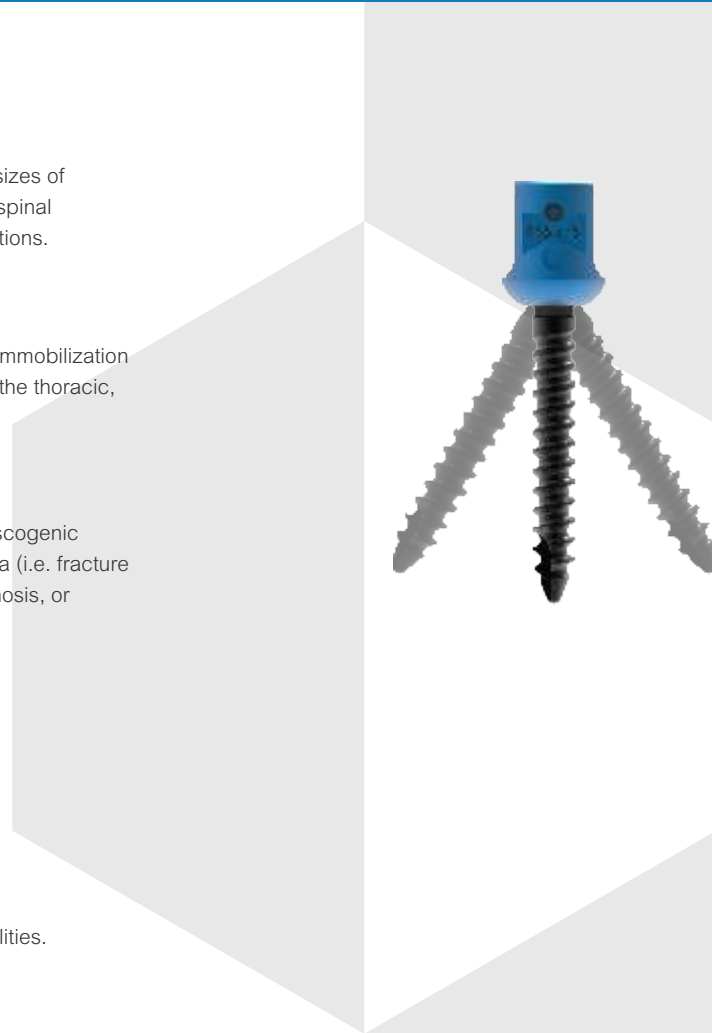
CODE	DIAMETER	LENGTH (5mm Increments)
BS107.55.L	Ø 5.5 MM	30MM TO 50MM
BS108.65.L	Ø 6.5 MM	30MM TO 50MM

Reduction Polyaxial

CODE	DIAMETER	LENGTH (5mm Increments)
BS109.55.L	Ø 5.5 MM	30MM TO 50MM
BS110.65.L	Ø 6.5 MM	30MM TO 50MM

Note :- Where L = Length

Cat. No. - BMPL.CAT14.01



Features & Benefits

Optimized Visualization and Access

Implants have a low profile and reducers are designed with minimal bulk for improved visualization.

Locking Mechanism

Optimized buttress thread on the set screw minimizes the potential for head splay and cross threading.

Self-tapping screw tip

Aggressive cutting flute is designed to provide surgeons the option of eliminating the tapping step of the surgical procedure.



Pedicle Screw System

Description

The Magnifica™ pedicle screw system consists of a variety of sizes of screws, as well as implant components from other Nexpine™ spinal systems which can be used to treat scoliosis, a condition in which the spine develops one or more abnormal, side-to-side curves that in turn may affect the body's overall balance and alignment, as well as possibly lead to other physical and health problems.

Intended Use

The device is meant to be used in conjunction with a fusion to provide greater stabilization of the spine in patients with more acute mid to lower back problems.

Indication

To treat patients with degenerative disc disease, spinal stenosis, fracture, dislocation, failed previous fusions, tumors and, uniquely, adolescent idiopathic scoliosis.



Ordering Information

Monoaxial

CODE	DIAMETER	LENGTH (5mm Increments)
BS128.45.L	Ø 4.5 MM	25MM TO 45MM
BS129.55.L	Ø 5.5 MM	30MM TO 50MM
BS130.65.L	Ø 6.5 MM	30MM TO 50MM



Polyaxial

CODE	DIAMETER	LENGTH (5mm Increments)
BS131.45.L	Ø 4.5 MM	25MM TO 45MM
BS132.55.L	Ø 5.5 MM	30MM TO 50MM
BS133.65.L	Ø 6.5 MM	30MM TO 90MM



Features & Benefits

Dual Lead Thread form

The Magnifica™ can get substantial grip in osteoporotic bones. Color-coded by bone screw diameter.

Optimized Visualization and Access

Implants have a low profile and reducers are designed with minimal bulk for improved visualization.

Locking Mechanism

Optimized buttress thread on the set screw minimizes the potential for head splay and cross threading.

Self-tapping screw tip

Aggressive cutting flute is designed to provide surgeons the option of eliminating the tapping step of the surgical procedure.

Note :- Where L = Length

Pedicle Screw System

Description

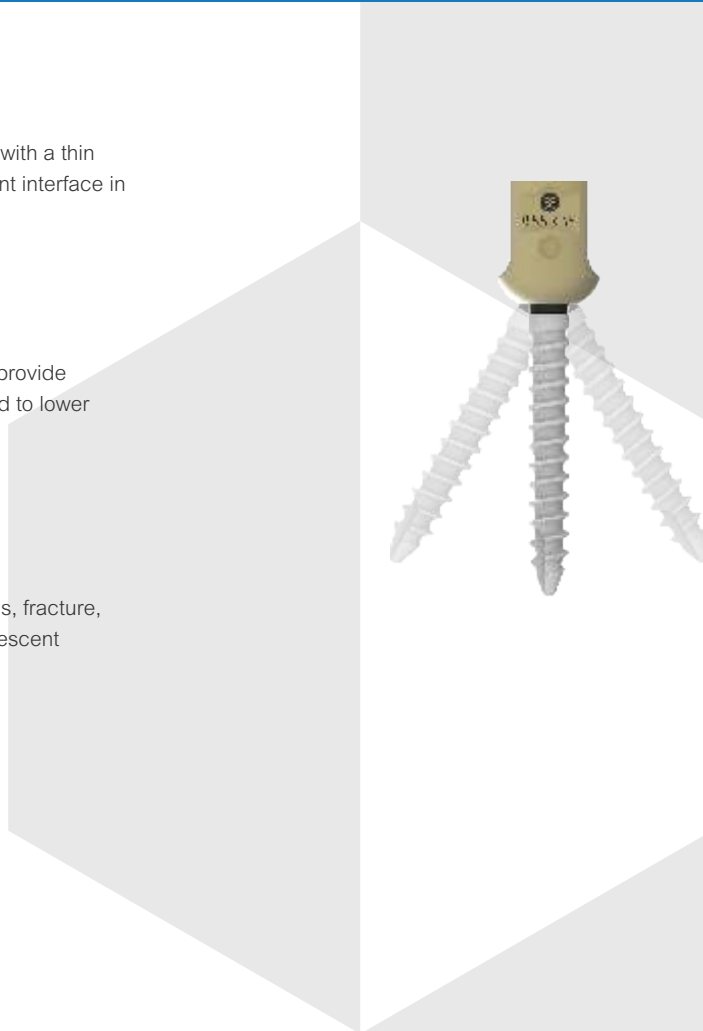
The Creer™ pedicle screw system Consists of Pedicle screws with a thin hydroxyapatite coating for improving fixation at the bone-implant interface in the osteoporotic spine.

Intended Use

The device is meant to be used in conjunction with a fusion to provide greater stabilization of the spine in patients with more acute mid to lower back problems.

Indication

To treat patients with degenerative disc disease, spinal stenosis, fracture, dislocation, failed previous fusions, tumors and, uniquely, adolescent idiopathic scoliosis.



Ordering Information

Monoaxial

CODE	DIAMETER	LENGTH (5mm Increments)
BS426.45.L	Ø 4.5 MM	25MM TO 45MM
BS427.55.L	Ø 5.5 MM	30MM TO 50MM
BS428.65.L	Ø 6.5 MM	30MM TO 50MM



Polyaxial

CODE	DIAMETER	LENGTH (5mm Increments)
BS429.45.L	Ø 4.5 MM	25MM TO 45MM
BS430.55.L	Ø 5.5 MM	30MM TO 50MM
BS431.65.L	Ø 6.5 MM	30MM TO 90MM



Reduction Polyaxial

CODE	DIAMETER	LENGTH (5mm Increments)
BS436.55.L	Ø 5.5 MM	30MM TO 50MM
BS437.65.L	Ø 6.5 MM	30MM TO 50MM



Note :- Where L = Length

Features & Benefits

H. A. Coating

Eliminates the problem of screw loosening irrespective of gender, age, number of level stabilised or whether there was previous lumbar surgery. Color-coded by bone screw diameter.

Optimized Visualization and Access

Implants have a low profile and reducers are designed with minimal bulk for improved visualization.

Locking Mechanism

Optimized buttress thread on the set screw minimizes the potential for head splay and cross threading.

Pedicle Screw System

Description

The Magnifica™ FNC pedicle screw permits augmented fixation via injection of bone cement into the vertebral body upon placement of the screw, potentially mitigating the difficulties in achieving adequate stabilization in these patients.

Intended Use

The FNC is meant to be used in conjunction with a fusion to provide greater stabilization of the spine in patients with more acute osteoporotic bones.

Indication

To treat patients with degenerative disc disease, spinal stenosis, fracture, dislocation, failed previous fusions, tumors and, uniquely, adolescent idiopathic scoliosis.



Ordering Information

Polyaxial

CODE	DIAMETER	LENGTH (5mm Increments)
BS131.45.L	Ø 4.5 MM	25MM TO 45MM
BS132.55.L	Ø 5.5 MM	30MM TO 50MM
BS133.65.L	Ø 6.5 MM	30MM TO 90MM

Note :- Where L = Length

Features & Benefits

It helps to inject the bone cement into the vertebral body and eliminates the problem of screw loosening irrespective of gender, age, number of level stabilised or whether there was previous lumbar surgery. Color-coded by bone screw diameter.

Optimized Visualization and Access

Implants have a low profile and reducers are designed with minimal bulk for improved visualization.

Locking Mechanism

Optimized buttress thread on the set screw minimizes the potential for head splay and cross threading.



MIS System



MIS Spine Pedicle Screw System

Description

PLUS™ delivers rods and screws percutaneously into the backs of patients suffering from degenerative disc disease, herniated or ruptured discs, misaligned vertebrae or spinal fractures. A surgical instrumentation system that offers a minimally invasive method of placing implants that provide stabilization during spinal fusion surgery. PLUS™ Spinal System allows surgeons to deliver and apply screw and rod implants to the posterior aspect of the spine without the major muscle and tissue disruption encountered with traditional spinal fusion surgeries. This minimally invasive technique potentially allows significant patient benefits.



Features

- Rod Insertion System provides surgeons with next-generation technology that will revolutionize the future of spine care.

PLUS™ MIS Spine Pedicle Screw

CODE	DIAMETER	LENGTH (5mm Increments)
BS432.55.L	Ø 5.5 MM	25MM TO 45MM
BS433.60.L	Ø 6.0 MM	30MM TO 50MM
BS434.65.L	Ø 6.5 MM	30MM TO 50MM
BS435.70.L	Ø 7.0 MM	30MM TO 50MM

Note :- Where L = Length



MIS Screw Rod

Curved

Code : BS442.L

Length(L) : 40mm to 100mm (5 mm Variation)
110mm & 120mm

Straight

Code : BS444.L

Length(L) : 40mm to 200mm (10 mm Variation)

MIS Spine Pedicle Screw System

Features

- Tail tab stabilizes long arms during insertion & designed breakable before rod placement
- 80mm long arm applicable for all body types integrated fabrication ensures safe implantation
- Gaps at long arm tail complied with the reduction clamp facilitates rod compression and spondylolisthesis reduction
- Unique reversed thread technology & star recess minimize worn thread & shoving force at screw tail
- Low profile, smaller screw tail basal area & duo thread enhance screw intensity, pullout strength and insertion speed

Indication

- Applicable for single and multi-segment fixation
- Minimally invasive & posterior spinal stability
- Straight and curved connection rods available
- Simplified and accurate rod placement
- Long and designed for easier operation

Ordering Information

Available in three different type of Varieties as UNIAXIAL, POLYAXIAL and MONOAXIAL

MONOAXIAL

CODE	BS138.D.L
DIAMETER	Ø 4.5, Ø5.0, Ø 5.5, Ø6.0, Ø 6.5, Ø 7.0 & Ø 7.5
LENGTH	25MM TO 55MM (5mm Increments)

UNIAXIAL

CODE	BS139.D.L
DIAMETER	Ø5.0, Ø 5.5, Ø6.0, Ø 6.5, Ø 7.0 & Ø 7.5
LENGTH	35MM TO 55MM (5mm Increments)

POLYAXIAL

CODE	BS140.D.L
DIAMETER	Ø 5.5, Ø6.0, Ø 6.5, Ø 7.0 & Ø 7.5
LENGTH	35MM TO 55MM (5mm Increments)

Note :- Where D = Diameter & L = Length



MIS Screw Rod

Curved

Code : BS442.L

Length(L) : 40mm to 100mm (5 mm Variation)
110mm & 120mm

Straight

Code : BS444.L

Length(L) : 40mm to 200mm (10 mm Variation)



UNIAXIAL



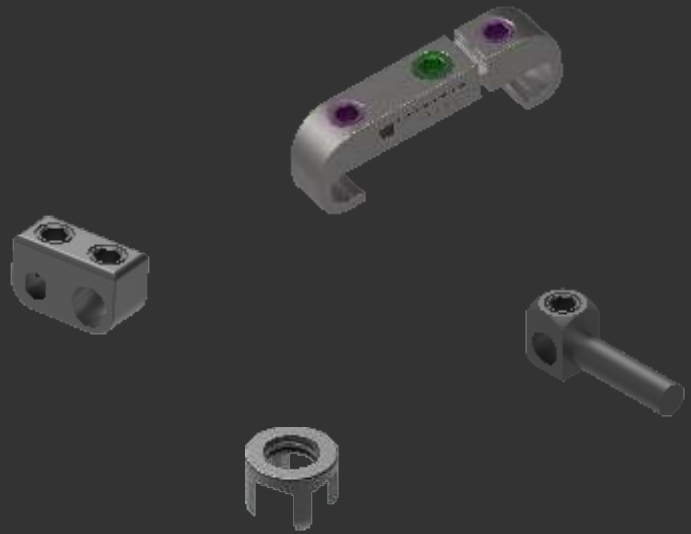
POLYAXIAL



MONOAXIAL

ENLACE

Spine Connecting System



NOVA-Occifix screw connector
(Single Hole)

CODE : BS214.01

Compatible with NOVA™ System



NOVA-Occifix screw connector
(Double Hole)

CODE : BS214.02

Compatible with NOVA™ System



NOVA-Occifix screw connector Open
(Single Hole)

CODE : BS215.01

Compatible with NOVA™ System



NOVA-Occifix screw connector Open
(Double Hole)

CODE : BS215.02

Compatible with NOVA™ System



Spine Connecting System

Multispan Crosslink Connector

SIZES

CODE	LENGTH
BS446.XS	30-34 MM
BS446.S	34-42 MM
BS446.M	40-53 MM
BS446.L	50-70 MM

Compatible with Ø5.5 mm ROD & Ephorate™, Magnifica™, Magnifica™ FNC, CREER™



Transverse Connector- Square

CODE : BS122

Transverse Connecting Rod-Sqaure

SIZES

CODE	LENGTH
BS123.50	50MM
BS123.60	60MM
BS123.70	70MM
BS123.80	80MM
BS123.90	90MM
BS123.100	100MM
BS123.110	110MM
BS123.120	120MM

Compatible with Ø5.5 mm ROD & Ephorate™, Magnifica™, Magnifica™ FNC, CREER™



Connecting Rod 5.5 mm- One Side Hex

SIZES

CODE	LENGTH
BS111.55.50	50MM
BS111.55.60	60MM
BS111.55.70	70MM
BS111.55.80	80MM
BS111.55.90	90MM
BS111.55.100	100MM
BS111.55.110	110MM
BS111.55.120	120MM
BS111.55.130	130MM
BS111.55.140	140MM
BS111.55.150	150MM
BS111.55.200	200MM
BS111.55.250	250MM
BS111.55.300	300MM



Laminar Hook



3.5 mm Laminar Hook

CODE

BS136.35

5.5 mm Laminar Hook

CODE

BS136.55

Compatible with Ephorate™, Magnifica™, Magnifica™ FNC, CREER™

Spine Connecting System

NOVA™

Posterior Cervical Connecting Rod \varnothing -3.5 mm

CODE : BS205.35.300

LENGTH : 300 MM

Compatible with NOVA™ System



NOVA™

Pre Bend Connecting Rod \varnothing 3.5mm

CODE : BS210

LENGTH : 100 MM X 200 MM.

Compatible with NOVA™ System



NOVA™

Tapered Spine Rod \varnothing 3.5mm X \varnothing 5.5 mm

CODE : BS211.300

LENGTH : 100 MM X 200 MM

Compatible with NOVA™ & Ephorate™, Magnifica™, Magnifica™ FNC, CREER™



Domino connector 3.5 mm to 5.5mm

CODE : BS218

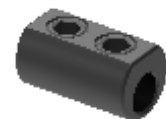
Compatible with NOVA™ & Ephorate™, Magnifica™, Magnifica™ FNC, CREER™



Inline connector 3.5 mm to 5.5mm

CODE : BS219

Compatible with NOVA™ & Ephorate™, Magnifica™, Magnifica™ FNC, CREER™



Triangle connector 3.5 mm to 5.5mm

CODE : BS220

Compatible with NOVA™ & Ephorate™, Magnifica™, Magnifica™ FNC, CREER™

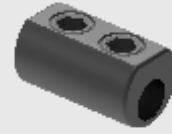


Spine Connecting System

Inline Connector -5.5 X 5.5 mm

CODE : BS145

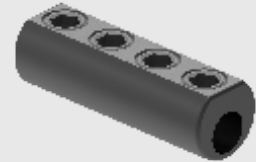
Compatible with 5.5 mm Pedicle Screw System (Ephorate™, Magnifica™, CREER™)



Inline Connector-Long 5.5 X 5.5 mm

CODE : BS146

Compatible with 5.5 mm Pedicle Screw System (Ephorate™, Magnifica™, CREER™)



Spine Staple

CODE : BS113

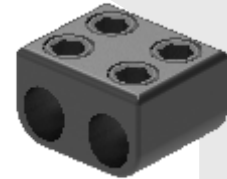
Compatible with Ephorate™, Magnifica™, Magnifica™ FNC, CREER™



Domino Connector-Square 5.5 X 5.5 mm

CODE : BS143

Compatible with 5.5 mm Pedicle Screw System (Ephorate™, Magnifica™, CREER™)



Domino Connector -Rectangle 5.5 X 5.5 mm

CODE : BS144

Compatible with 5.5 mm Pedicle Screw System (Ephorate™, Magnifica™, CREER™)



Lateral Connector 5.5mm

SIZES

CODE	LENGTH
BS147.20L	20 MM
BS147.30L	30 MM
BS147.40L	40 MM



20 mm



30 mm

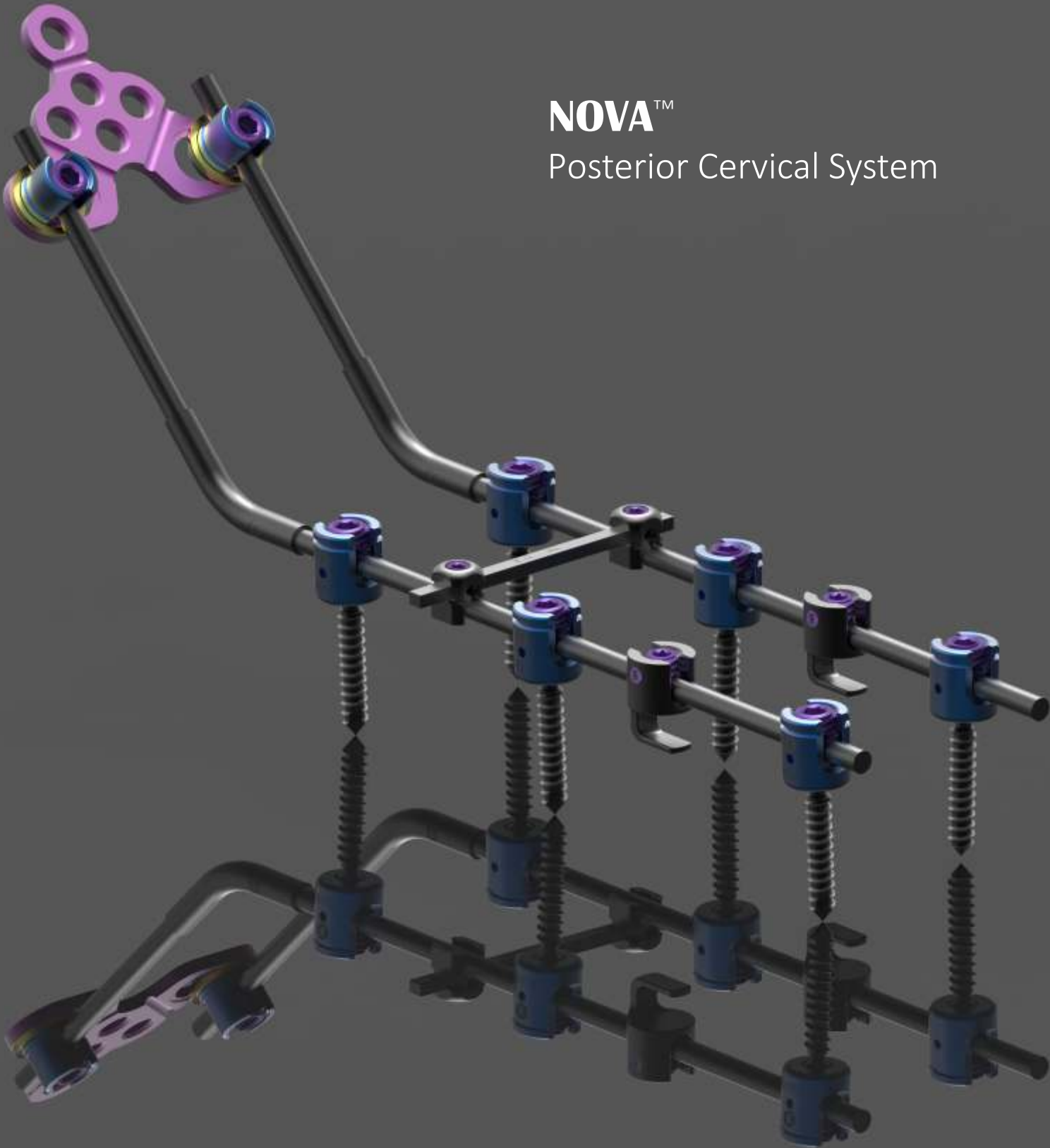


40 mm

Compatible with 5.5 mm Pedicle Screw System (Ephorate™, Magnifica™, CREER™)

NOVA™

Posterior Cervical System



Posterior Cervical Screw System

Features & Benefits

- Small Profile of the screw head
- Wide screw angle and low profile allows for easy adaptation of the construct to patient anatomy
- Accept 3.5 mm Rod
- Available in 3.5 mm and 4.0 mm Diameter
- Partially Thread option available in 3.5 mm and 4.0 mm Diameter



Short Threaded Shaft



Set screw thread design ensures maximum strength and stabilization of the polyaxial construct



NOVA™
Posterior Cervical Connector
CODE : BS206

Ordering Information

Ø 3.5 mm Posterior Cervical Screw (Short Thread)

CODE	BS201.35.L
LENGTH (L)	12 mm to 30 mm (2 mm Increment)

Ø 4.0 mm Posterior Cervical Screw (Short Thread)

CODE	BS203.40.L
LENGTH (L)	12 mm to 30 mm (2 mm Increment)

Ø 3.5 mm Posterior Cervical Screw (Full Thread)

CODE	BS202.35.L
LENGTH (L)	12 mm to 30 mm (2 mm Increment)

Ø 4.0 mm Posterior Cervical Screw (Full Thread)

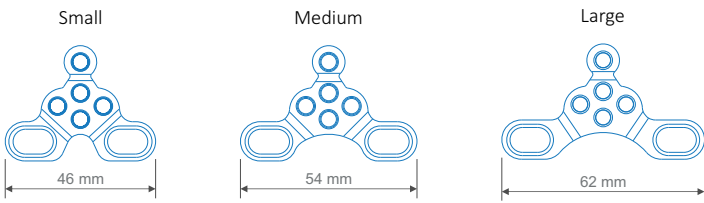
CODE	BS202.40.L
LENGTH (L)	12 mm to 30 mm (2 mm Increment)

Note :- Where L = Length

Adjustable Occipital Plates Type II

Description

The Nova System offers three adjustable occipital plate sizes to accommodate the patient's anatomy. An occipital strap is available for fixation to the superior midline fixation hole. The Nova System offers Ø 4.5 mm occipital bone screws that have cortical threads. The Nova System has many occipital rod options including: pre-cut titanium, pre-contoured titanium. Rods transition to a Ø 3.5 mm diameter occipital portion to allow for a stronger construct.



Sizes

CODE	SIZE
BS213.S	SMALL
BS213.M	MEDIUM
BS213.L	LARGE



NOVA 4.0 Occipital Lock Screw

CODE	SIZE
BS216.40.L	6, 8, 10 & 12 MM



NOVA 4.35 Occipital Lock Screw

CODE	SIZE
BS217.43.L	6, 8, 10 & 12 MM

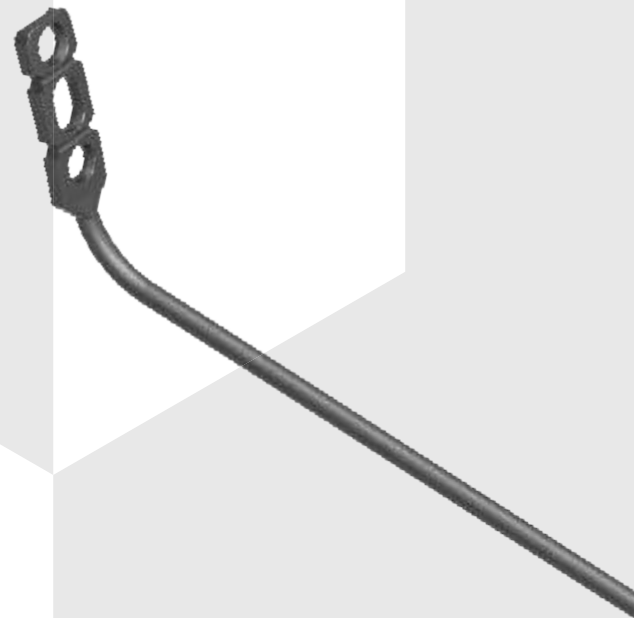
Plate Rod

Indication

The Nova System offers two adjustable occipital plate sizes to accommodate the patient's anatomy. This Occifix plate is available two different sizes and it is combined with the Ø3.5mm diameter rod. The Nova System offers Ø4.5 mm occipital bone screws that have cortical threads. The Nova System has many occipital rod options including: pre-cut titanium, pre-contoured titanium. Rods transition to a Ø3.5 mm diameter occipital portion to allow for a stronger construct.

Sizes

CODE	SIZE
BS212.100	100 MM
BS212.200	200 MM



Symplex II™

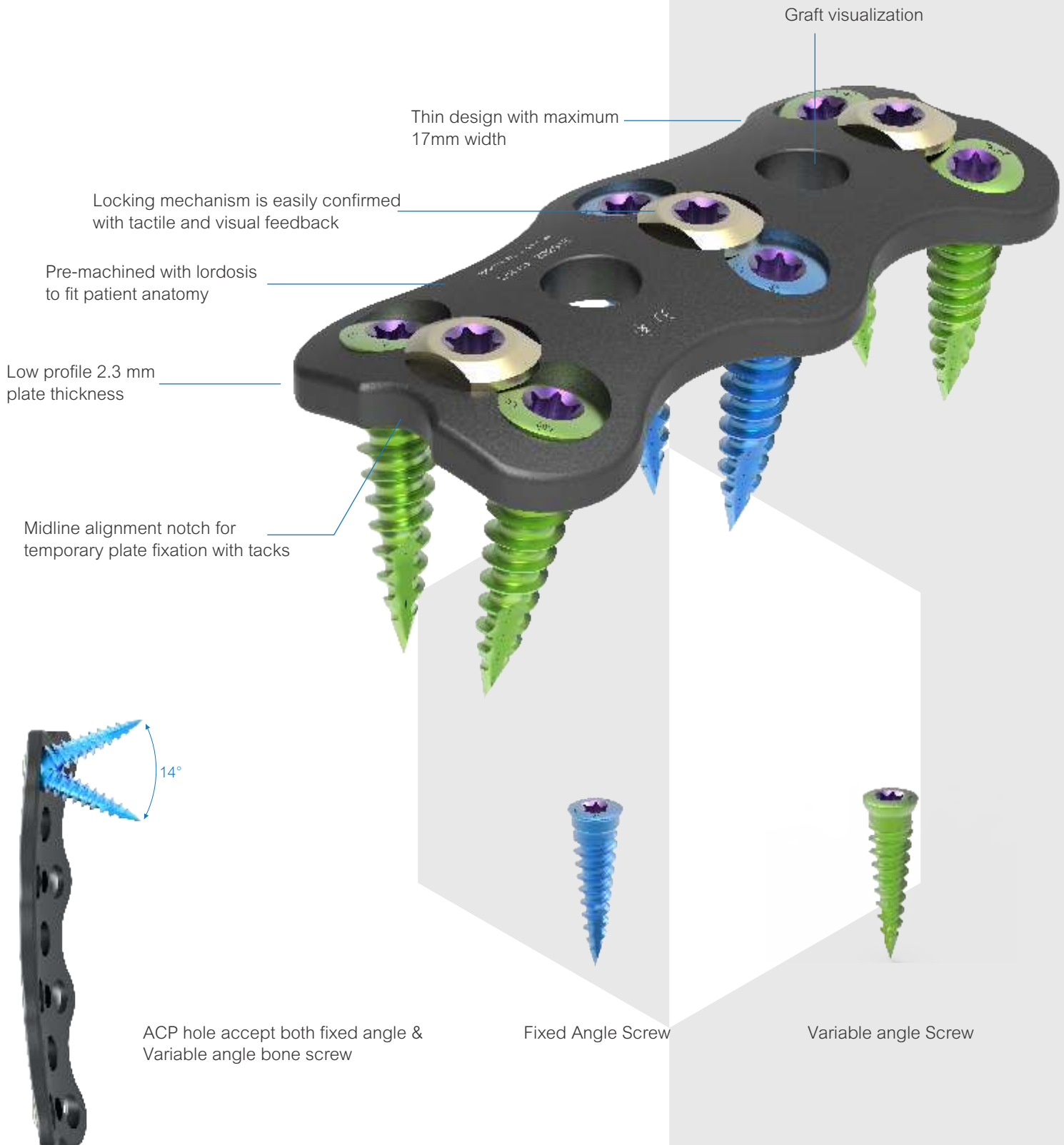
Anterior Cervical Spine Plate



Symplex II™

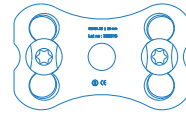
Anterior Cervical Spine Plate

Features

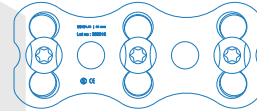


Anterior Cervical Spine Plate

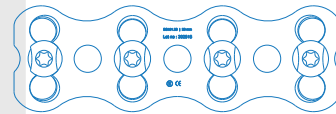
LEVEL	CODE	HOLES	LENGTH	
1	BS448.21	4	21 mm	
	BS448.23	4	23 mm	
	BS448.25	4	25 mm	
	BS448.27	4	27 mm	
	BS448.29	4	29 mm	
	BS448.31	4	31 mm	
	BS448.33	4	33 mm	
	BS448.35	4	35 mm	
	BS448.37	4	37 mm	
2	BS448.39	6	39 mm	
	BS448.41	6	41 mm	
	BS448.43	6	43 mm	
	BS448.45	6	45 mm	
	BS448.47	6	47 mm	
	BS448.49	6	49 mm	
	BS448.55	6	55 mm	
	3	BS448.54	8	54 mm
		BS448.57	8	57 mm
BS448.60		8	60 mm	
BS448.63		8	63 mm	
BS448.66		8	66 mm	
BS448.69		8	72 mm	
BS448.72		8	72 mm	
BS448.75		8	75 mm	



4 Holes



6 Holes



8 Holes

Fixed angle Cervical Screw

4.0 Fixed angle Cervical Screw

CODE	LENGTH
BS449.40.11	11 mm
BS449.40.13	13 mm
BS449.40.15	15 mm
BS449.40.17	17 mm
BS449.40.19	19 mm



Variable angle Cervical Screw

4.0 Variable angle Cervical Screw

CODE	LENGTH
BS450.40.11	11 mm
BS450.40.13	13 mm
BS450.40.15	15 mm
BS450.40.17	17 mm
BS450.40.19	19 mm



4.5 Fixed angle Cervical Screw

CODE	LENGTH
BS449.45.11	11 mm
BS449.45.13	13 mm
BS449.45.15	15 mm
BS449.45.17	17 mm
BS449.45.19	19 mm



4.5 Variable angle Cervical Screw

CODE	LENGTH
BS450.45.11	11 mm
BS450.45.13	13 mm
BS450.45.15	15 mm
BS450.45.17	17 mm
BS450.45.19	19 mm





Anterior Cervical Cages

Duo Anterior Cervical Cage

Feature



Large grafting area to optimize bone fusion.



X-ray markers allows 3D-Visualization and radiological identification.



Ordering Information

Titanium

CODE	BS407.H
HEIGHT (MM)	5, 6, 7, 8, 9, 10 & 11

PEEK

CODE	BS415.H
HEIGHT (MM)	5, 6, 7, 8, 9, 10 & 11

Note :- Where H = Height

D- Anterior Cervical Cage

Feature



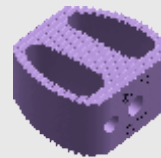
X-ray markers allows 3D-Visualization and radiological identification.



Large grafting area to optimize bone fusion.



Implant teeth reduces likelihood of migration in any direction.



Ordering Information

Titanium

CODE	BS408.H
HEIGHT (MM)	5, 6, 7, 8, 9, 10 & 11

PEEK

CODE	BS416.H
HEIGHT (MM)	5, 6, 7, 8, 9, 10 & 11

Note :- Where H = Height

Anterior Cervical Cage

Features

Natural Anatomical Profile

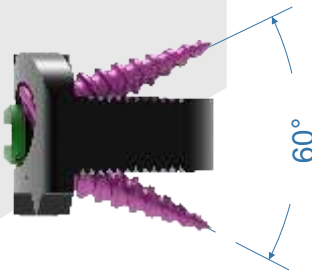
Integrated plate and spacer is designed to preserve the natural anatomical profile of the spine.

Less Disruptive

The system streamlines the entire ACDF procedure and facilitates a less invasive approach through a small incision with less retraction.

Biomechanical Strength and Stability

Biomechanically comparable to a traditional 2-level ACDF



Ordering Information



Titanium

CODE	BS419.H
HEIGHT (MM)	5, 6, 7, 8 & 9

PEEK

CODE	BS424.H
HEIGHT (MM)	5, 6, 7, 8 & 9

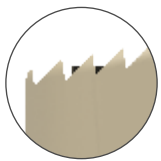
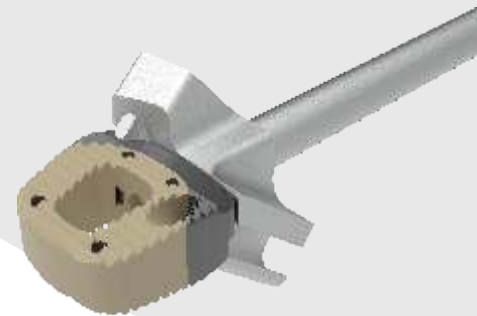
Note :- Where H = Height

Anterior Cervical Cage

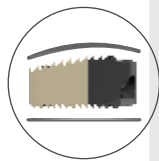
Indication

- Degenerative disc disease (DDD, defined as neck pain of discogenic origin degeneration of the disc confirmed by history and radiographic studies)
- Spinal stenosis
- Failed previous fusions
- Pseudoarthrosis

- Degenerative disc disease (DDD, defined as neck pain of discogenic origin degeneration of the disc confirmed by history and radiographic studies)
- Spinal stenosis
- Failed previous fusions
- Pseudoarthrosis



Aggressive tooth



Anatomical Shape



Large BoneDraft Window



Threaded inserter allows for quick capture and stable insertion.

Ordering Information

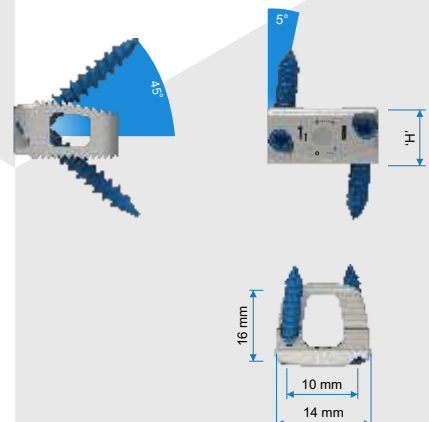
Titanium

CODE	BS421.H
HEIGHT (MM)	5, 6, 7, 8, 9 & 10

PEEK

CODE	BS425.H
HEIGHT (MM)	5, 6, 7, 8, 9 & 10

Note :- Where H = Height



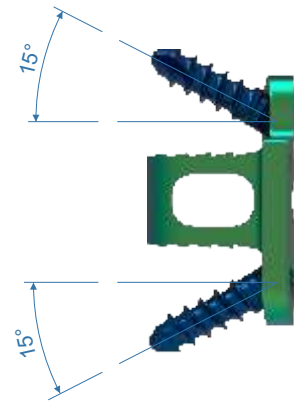
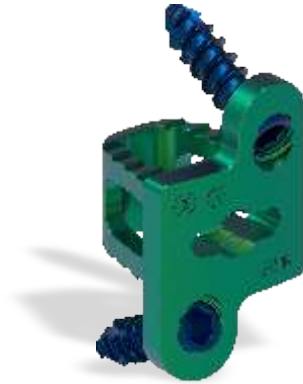
P Cervical Cage with Plate

Indication

- Degenerative disc disease (DDD, defined as neck pain of discogenic origin degeneration of the disc confirmed by history and radiographic studies)
- Spinal stenosis
- Failed previous fusions
- Pseudoarthrosis

Feature

- High mechanical strength and stability for demanding cervical surgical procedures
- Simple surgical technique from preformed plates and fixed-angle screws
- Self-locking screw
- Accommodates autogenous bone graft to allow fusion to occur through the implant.
- Self-drilling screw design offers quicker bone screw purchase.

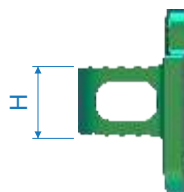


Ordering Information

Titanium

CODE	BS420.H
HEIGHT (MM)	5, 6, 7, 8, 9 & 10

Note :- Where H = Height



Expandable Jack Cage with Plate

Indications

PRIME™ Anterior Expandable Spacer designed to be used after & partial corpectomy caused by destruction of the vertebral body

Feature

- Anterior vertebral column stabilized to become load bearing
- Vertebral bodies can be substituted
- Cylindrical Hollow design offers to be filled implants with bone substitute.
- The Implant is harbour easily & safely between the adjacent end plate of the vertebral bodies.

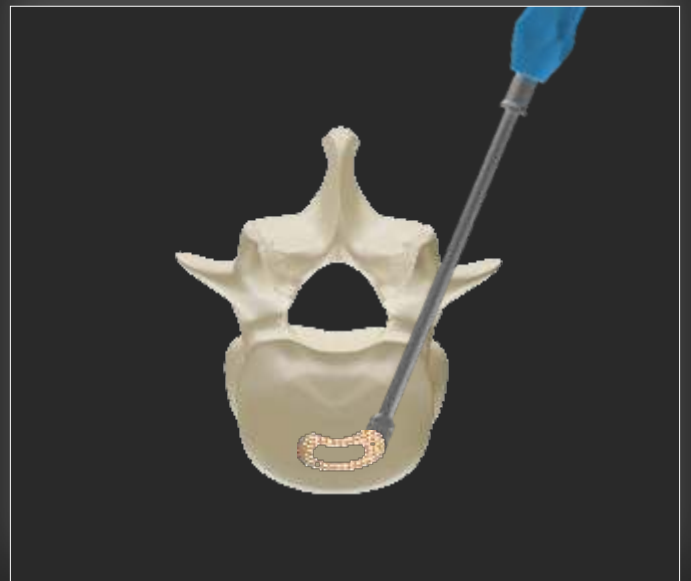
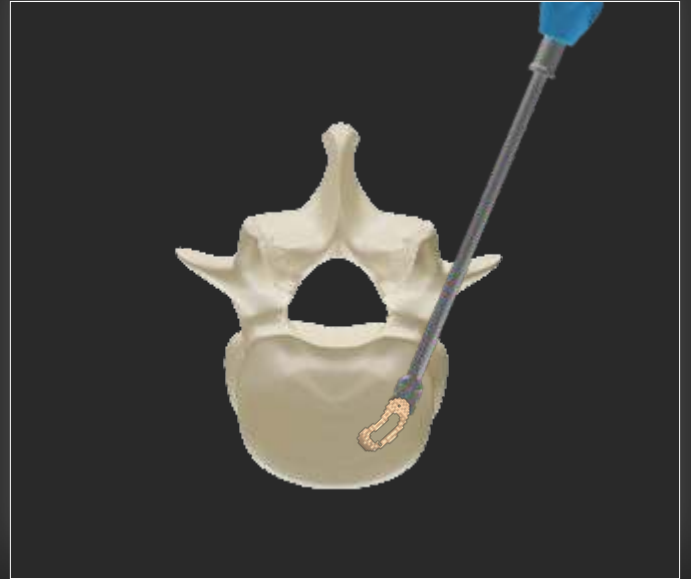
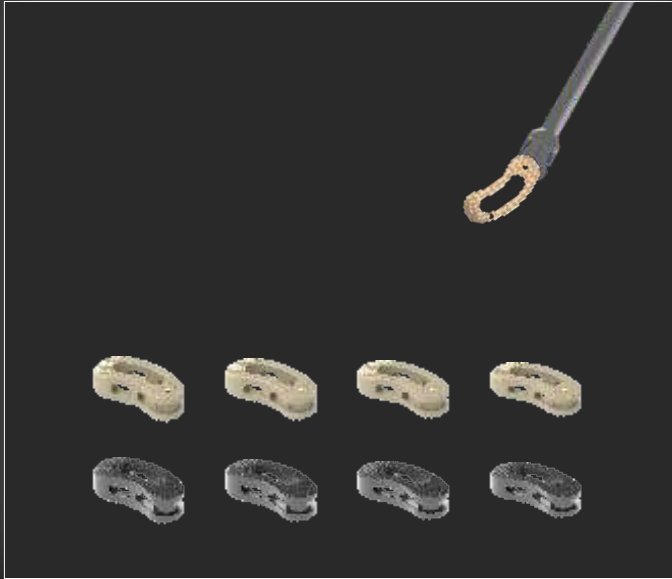


Ordering Information

CODE	BS423.TD.S
DIA (MM)	Ø 12, Ø 14 & Ø 16
SIZES (MM)	20 X 25, 25 X 32.5 & 30 X 42.5

Note :- Where D = Diameter & S = Sizes

Lumber Cages



TLIF Spine Fusion Cage

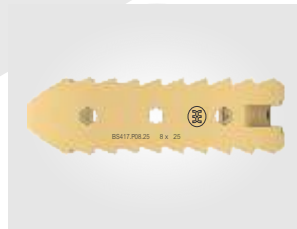
Banana Cage

Indications

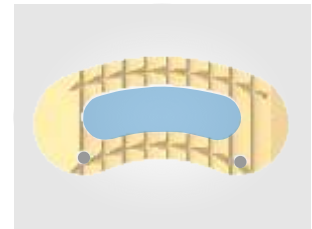
- Advanced Discopathies
- Extensive Decompression
- Spodylolisthesis
- Failed disc surgery
- Re-current disc herniation
- Post-operative instability
- Lumbar pseudarthrosis



Tapered tip facilitates easy insertion.



Anatomical shape and aggressive tooth pattern maximizes end plate contact and stability.



Large graft area allows substantial bone growth.

Ordering Information

Titanium

CODE	BS412.PH.L
HEIGHT (MM)	5, 6, 7, 8, 9, 10, 11, 12 & 13
LENGTH (MM)	25 & 30

PEEK

CODE	BS417.PH.L
HEIGHT (MM)	5, 6, 7, 8, 9, 10, 11, 12 & 13
LENGTH (MM)	25 & 30

Note :- Where H = Height & L = Length

PLIF Spine Fusion Cage

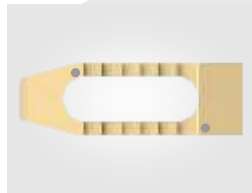
Bullet Cage

Features & Advantages

- **Imported Medical Vesta material**
Closed to human skeleton in modulus of elasticity share the stress with cancellous bone and facilitates fusion X-ray permeable and make fusion observation convenient after surgery
- **Preset X-ray Marker**
Facilitate confirming implant location during and after surgery
- **Bullet shaped foreside**
Easier insertion specially anteriorly
- **Convex design**
Fit closer to vertebral
Self-distracting intervertebral space at insertion
Facilitates maintenance and restoration of lumbar physiological curvature and prevent lumbago after surgery
- **Serrated teeth surface**
Provide ideal initial stability and no easy to come off



Bullet shaped foreside



Preset X-ray Marker



Serrated teeth surface

Ordering Information

PEEK

CODE	BS418.PH.L
HEIGHT(MM)	7, 8, 9, 10, 11, 12, 13
LENGTH(MM)	20 & 25

Titanium

CODE	BS414.H.L
HEIGHT(MM)	7, 8, 9, 10, 11, 12, 13
LENGTH(MM)	20 & 25

Note :- Where H=Height & L=Length

TLIF Cage

Features :

- Large segmental bone graft area for better fusion, promote better graft integration and maximize contact area between vertebral end plate and bone graft.

Indications :

- Degenerative disk disease and spinal instability
- Degenerative spondylolisthesis
- Spondylolisthesis by isthmic lysis
- Narrow lumbar spinal canal
- Pseudarthrosis

Contraindications :

- Major spinal instability
- Vertebral body fracture
- Spinal tumors



Tapered tip facilitates easy insertion.



Anatomical shape and aggressive tooth pattern maximizes end plate contact and stability.

Large graft area allows substantial bone growth.

Ordering Information

PEEK

CODE	BS439.PH.LW
HEIGHT(MM)	7, 8, 9, 10, 11, 12, 13
LENGTH(MM)	27 & 30
WIDTH(MM)	10 & 12

Titanium

CODE	BS441.PH.LW
HEIGHT(MM)	7, 8, 9, 10, 11, 12, 13
LENGTH(MM)	27 & 30
WIDTH(MM)	10 & 12

Note :- Where H=Height, L=Length & W=Width



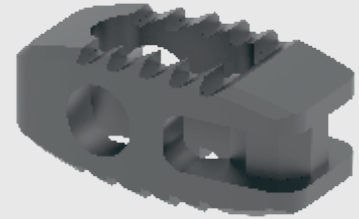
PLIF Cage

Features :

- Large segmental bone graft area for better fusion, promote better graft integration and maximize contact area between vertebral end plate and bone graft.

Indications :

- Degenerative disk disease end spinal instability
- Degenerative spondylolisthesis
- Spondylolisthesis by isthmic lysis
- Narrow lumbar spinal canal
- Pseudarthrosis



Bullet shaped foreside



Serrated teeth surface



Preset X-ray Marker

Ordering Information

PEEK

CODE	BS438.PH.L
HEIGHT(MM)	7, 8, 9, 10, 11, 12, 13
LENGTH(MM)	22, 26 & 32

Titanium

CODE	BS440.TH.L
HEIGHT(MM)	7, 8, 9, 10, 11, 12, 13
LENGTH(MM)	22, 26 & 32

Note :- Where H=Height & L=Length

Mesh Cage

Indications

The mesh prevents the bone chips from encroaching on the spinal canal and prevents potential neurogenic compression due to ectopic bone formation. The Titanium Mesh Cage as a multisegmental concave support in kyphotic deformities and as a posterior interlaminar spacer or lamina replacement after wide laminectomy are additional applications.



Diamond Cut



Round Cut

Ordering Information

Round Cut

CODE	BS409.D
DIA (MM)	10, 12, 14, 16, 18 & 20
LENGTH(MM)	100 mm

Diamond Cut

CODE	BS410.D
HEIGHT(MM)	10, 12, 14, 16, 18 & 20
LENGTH(MM)	100 mm

Note :- Where D=Diameter

Expandable Cage

Features & Benefits

Minimized insertion height

- Help reduce nerve root retraction
- Minimizes impaction force

Controlled continuous expansion

- Allows an optimized endplate-to-endplate fit
- May help reduce the risk of over-distraction once in the disc space

In situ distraction

- Allows height restoration and an optimized fit



Ordering Information

CODE	BS411.D.S
DIA (MM)	Ø 12, Ø 14, Ø 16 & Ø 18
SIZES (MM)	20 X 25, 25 X 35, 45 X 55 & 55 X 75

Note :- Where D = Diameter & S = Sizes

Expandable Jack Cage

Features

- In situ distraction – Allows precise adjustment of the implant height
- Large filling volume for bone/bone substitute material
- Clear instrument set and easy handling



Ordering Information

CODE	BS422.TD.S
DIA (MM)	Ø 12, Ø 14 & Ø 16
SIZES (MM)	20 X 25, 25 X 32.5 & 30 X 42.5

Note :- Where D = Diameter & S = Sizes

TRAUMEX

INTREX

NEXPINE

RTHROX

XTERFIX

ARTIQLX

PRIMEX

**BONETECH
ACADEMIA**



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