



Screw Angulation

Zero Profile Modular System

The Vault[™] C Anterior Cervical Discectomy and Fusion System (ACDF) is a zero profile, modular system featuring a titanium anterior cervical plate with an integrated, one step locking mechanism and a snap fit PEEK-OPTIMA®* spacer. The system is designed to restore sagittal profile while providing anterior column support to enhance the fusion process. A maximum screw trajectory of 42° allows for greater bone purchase and stability, and the system has both self-drilling and blunt-tip self tapping screws. The Vault[™] C offers a larger graft window with three available footprints and two lordotic options to easily accommodate varying anatomies. Custom ergonomic instrumentation complements implants for greater surgeon comfort and ease of use.







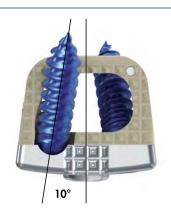
TAKE A CLOSER LOOK...



Three Footprints available to accommodate varying anatomy. Available Heights range from 6-12mm in one mm increments. Larger Graft Capacity with the modular plate design.

Vault™ C Footprint W x D x H	Bone Graft Vault C	Volume (cc) Competitor A**	% Greater
14 x 12 x 6mm	0.32	0.27	19.00%
14 x 12 x 7mm	0.37	0.32	17.39%
14 x 12 x 8mm	0.42	0.36	16.17%
14 x 12 x 9mm	0.47	0.41	14.93%
14 x 12 x 10mm	0.52	0.46	14.21%
14 x 12 x 11mm	0.57	0.50	13.61%
14 x 12 x 12mm	0.62	0.55	12.89%





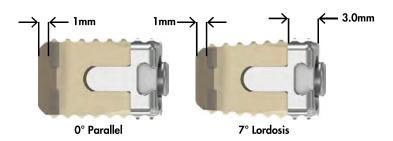


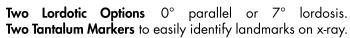


Maximum 42° Screw Trajectory with a nominal angle of 35° cephalad/caudal and 10° medial for optimal bone purchase and stability.

One Step Integrated Locking Cap provides easy, secure interlock.

Optional Open or Closed Drill Guides provide ideal visualization and control.





*PEEK-OPTIMA® polymer from INVIBIO®
**Data on file







Blunt-tip, Self-tapping



Zero Profile Design

Self-Tapping Screws In Two Options Self-Drilling and Blunt-Tip come in 3.5 or 4.0 diameter, and 12, 14, 15 and 17mm lengths.

Precision Spine, Inc.

2050 Executive Drive, Pearl, MS 39208

Customer Service: 1-888.241.4773 • Fax: 601.420.5501

www.precisionspineinc.com



Part Numbers	Description	
1412I-005	14mm x 12mm x 5mm x 0° Alamo C	
1412I-006	14mm x 12mm x 6mm x 0° Alamo C	
1412I-007	14mm x 12mm x 7mm x 0° Alamo C	
1412I-008	14mm x 12mm x 8mm x 0° Alamo C	
1412I-009	14mm x 12mm x 9mm x 0° Alamo C	
1412I-010	14mm x 12mm x 10mm x 0° Alamo C	
1412I-011	14mm x 12mm x 11mm x 0° Alamo C	
1412I-012	14mm x 12mm x 12mm x 0° Alamo C	

Part Numbers	Description
1714l-705	17mm X 14mm X 5mm X 7° Alamo C
1714l-706	17mm X 14mm X 6mm X 7° Alamo C
1714l-707	17mm X 14mm X 7mm X 7° Alamo C
1714l-708	17mm X 14mm X 8mm X 7° Alamo C
1714l-709	17mm X 14mm X 9mm X 7° Alamo C
1714l-710	17mm X 14mm X 10mm X 7° Alamo C
1714l-711	17mm X 14mm X 11mm X 7° Alamo C
1714l-712	17mm X 14mm X 12mm X 7° Alamo C

Part Numbers	Description
1412I-705	14mm x 12mm x 5mm x 7° Alamo C
1412I-706	14mm x 12mm x 6mm x 7° Alamo C
1412I-707	14mm x 12mm x 7mm x 7° Alamo C
1412I-708	14mm x 12mm x 8mm x 7° Alamo C
1412I-709	14mm x 12mm x 9mm x 7° Alamo C
1412I-710	14mm x 12mm x 10mm x 7° Alamo C
1412I-711	14mm x 12mm x 11mm x 7° Alamo C
1412I-712	14mm x 12mm x 12mm x 7° Alamo C

Part Numbers	Description
2016l-005	20mm X 16mm X 5mm X 0° Alamo C
2016l-006	20mm X 16mm X 6mm X 0° Alamo C
2016l-007	20mm X 16mm X 7mm X 0° Alamo C
2016l-008	20mm X 16mm X 8mm X 0° Alamo C
2016l-009	20mm X 16mm X 9mm X 0° Alamo C
2016l-010	20mm X 16mm X 10mm X 0° Alamo C
2016l-011	20mm X 16mm X 11mm X 0° Alamo C
2016l-012	20mm X 16mm X 12mm X 0° Alamo C

Part Numbers	Description
1714I-005	17mm X 14mm X 5mm X 0° Alamo C
1714I-006	17mm X 14mm X 6mm X 0° Alamo C
1714I-007	17mm X 14mm X 7mm X 0° Alamo C
1714I-008	17mm X 14mm X 8mm X 0° Alamo C
1714I-009	17mm X 14mm X 9mm X 0° Alamo C
1714I-010	17mm X 14mm X 10mm X 0° Alamo C
1714I-011	17mm X 14mm X 11mm X 0° Alamo C
1714l-012	17mm X 14mm X 12mm X 0° Alamo C

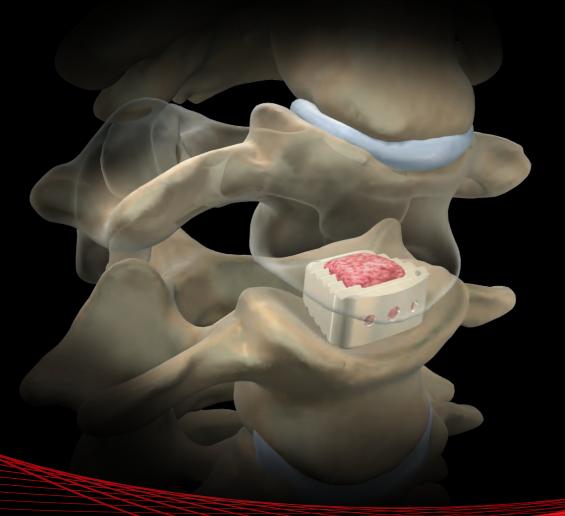
Part Numbers Description	
2016I-705	20mm X 16mm X 5mm X 7° Alamo C
2016I-706	20mm X 16mm X 6mm X 7° Alamo C
20161-707	20mm X 16mm X 7mm X 7° Alamo C
20161-708	20mm X 16mm X 8mm X 7° Alamo C
20161-709	20mm X 16mm X 9mm X 7° Alamo C
2016I-710	20mm X 16mm X 10mm X 7° Alamo C
2016I-711	20mm X 16mm X 11mm X 7° Alamo C
2016I-712	20mm X 16mm X 12mm X 7° Alamo C



14206 Northbrook Dr San Antonio, TX 78232

P:(210) 314-2525 • F:(210) 314-2524 E: info@alliance-spine.com • www.alliance-spine.com MKT-100 Rev. F

Alamo C



Cervical Interbody System
Surgical Technique





Table of Contents

Indications for Use
Device Description
Alamo C Instruments
Alamo C Implant Key Features
Surgical Technique
Precautions, Contraindications, Potential Adverse Effects

Indications for Use:

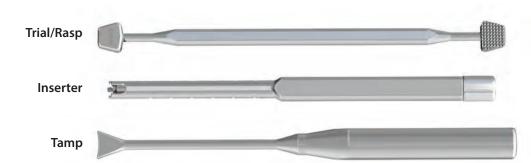
The Alamo C is indicated for anterior cervical interbody fusion procedures in skeletally mature patients with degenerative disc disease (DDD) of the cervical spine with accompanying radicular symptoms at one level from C2-T1. DDD is defined as discogenic pain with the degeneration of the disc confirmed by history and radiographic studies. These patients should have had six weeks of non-operative treatment prior to treatment with an intervertebral cage. The device system must be used with supplemental fixation and autograft to facilitate fusion and is to be implanted via an open, anterior approach.

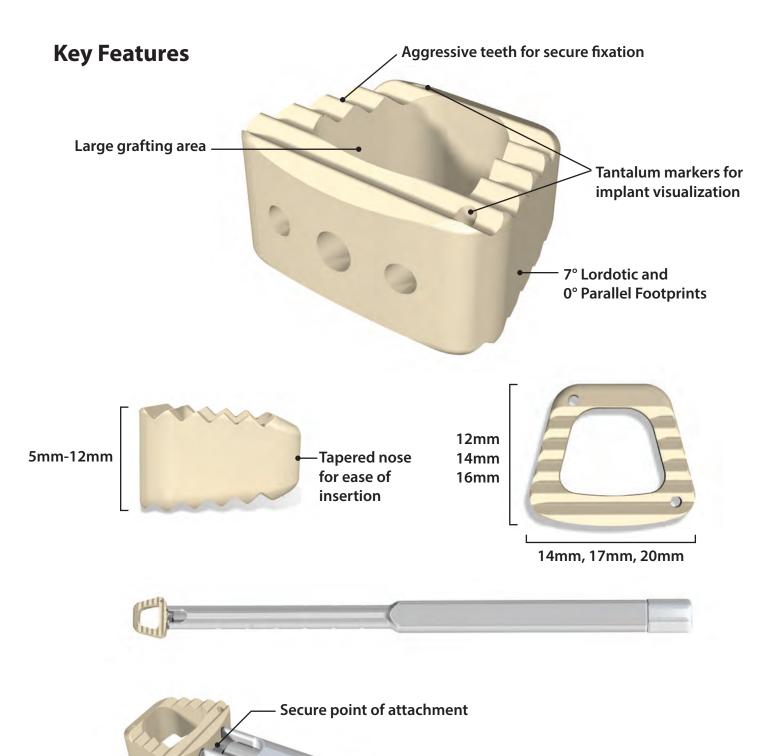
Device Description:

The Alamo C is designed for use as a cervical intervertebral body fusion device. The device is manufactured from PEEK Optima® LT1 per ASTM F2026 and includes tantalum markers per ASTM F560 for radiographic visualization.

The profile of the device is rectangular with a hollow core for bone graft to promote bone integration and fusion between the endplates. The device is available in various heights to accommodate variability among patients and the inferior and superior surfaces are designed with teeth to prevent back out and migration.

Instruments





2



Alamo C

Cervical Interbody System Surgical Technique

Step 1: Preoperative Planning

The appropriate Alamo C height should be estimated prior to surgery. In order to achieve maximal segment stability, it is essential to choose the largest possible implant that can be safely inserted without disturbing the surrounding neural elements.

Step 2: Creating Disc Space Access

Patient is placed in the supine position. The anterior cervical spine is exposed via the standard surgical approach.

Step 3: Disc Space Preparation

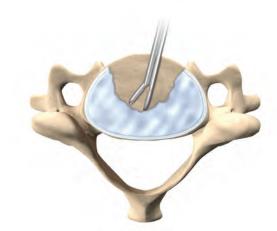
3

Perform a standard discectomy using instrumentation for an anterior cervical discectomy and fusion procedure.

Using the Rasp end of the Double Ended Trial/Rasp for the estimated device height, scrape the cartilaginous layers from the surface of the adjacent vertebral end plates until bleeding bone is attained.

Sufficient cleaning of the end plates is important for vascular supply to the bone graft. However, excessive cleaning may result in the removal of bone underlying the cartilaginous layers and weaken the end plates.







Step 4: Device Height Determination

Select the trial that corresponds to the preoperative estimated height and best matches the prepared end plates. Each trial has a height and lordotic or parallel indicator.

Insert the trial into the disc space. Apply gentle impaction and ensure that the trial fits tightly and accurately between the end plates.

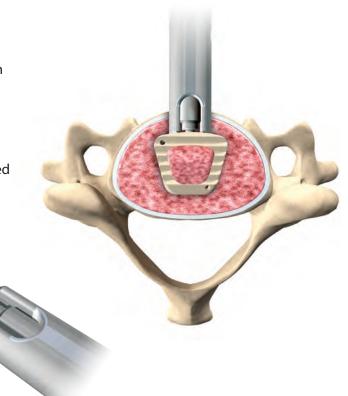
Using the largest possible device maximizes segment stability through the tension in the longitudinal ligament and annulous fibrosus.



Step 5: Device Insertion

Select the implant that corresponds to the trial. Attach the implant to the inserter by aligning the lateral pins with the flat surface of the implant and turning the handle to expose the internal threaded shaft. The threaded tip will engage with the central thread of the implant for secure attachment. Pack the grafting area of the implant with autologous bone graft. Insert the implant into the prepared intervertebral space. Gentle impaction on the inserter

will assist in correct positioning. Release the inserter by turning the handle counter-clockwise to disengage from the implant. If additional positioning is required, the Tamp may be used with a mallet to move the implant to the desired location.

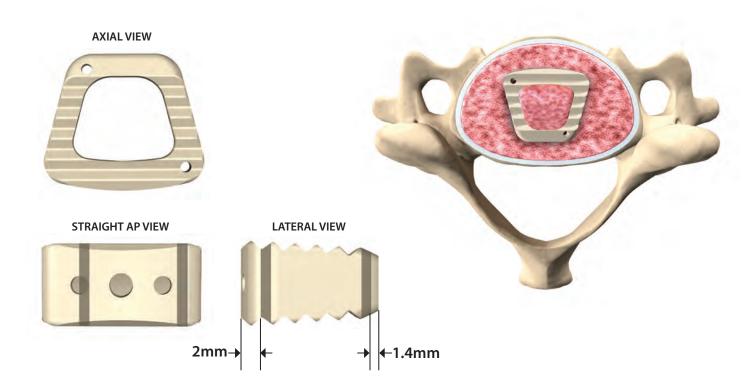


 \mathcal{A}



Step 6: Verifying Implant Placement

Remove all instruments and verify the optimal position using fluoroscopy. The diagrams below demonstrate the location of the X-ray markers as the view is rotated from a lateral to anteroposterior (AP) view.



Step 7: Supplemental Fixation

Use of a FDA cleared anterior cervical plate is required for supplemental fixation with this device.

Step 8: Removal or Revision

The device can be removed by breaking the fused bone/device interface with a cutting tool such as an Osteotome or Chisel. Once the device is loose, attach the inserter and pull the device from the disc space. If additional force is required, a strong forceps instrument such as Kocher forceps or a hemostat can be used to retrieve the device.

Precautions:

Only patients that meet the criteria described in the indications should be selected and the implantation of the interbody fusion device should be performed only by experienced spinal surgeons with specific training in the use of this device because this is a technically demanding procedure presenting a risk of serious injury to the patient. Preoperative planning and patient anatomy should be considered when selecting implant size. Based on the fatigue testing results, the physician/surgeon should consider the levels of implantation, patient weight, patient activity level and other patient conditions which may impact the performance of the system.

Care should be taken in the handling and storage of the implant. The implants should not be scratched, notched or damaged during surgery. Alterations will produce defects in surface finish and internal stresses, which may become the focal point for eventual breakage of the implant.

The Alamo C has not been evaluated for safety and compatibility in the MR environment.

The Alamo C has not been tested for heating or migration in the MR environment.

The use of dissimilar metals is prohibited as rapid corrosion can occur. Components of this system should not be used with components of any other system or manufacturer.

Contraindications:

Contraindications include, but are not limited to:

- 1. Any case where there is active systemic infection, infection localized to the site of the proposed implantation
- 2. A patient with rapid joint disease, bone absorption, osteopenia, and/or osteoporosis. Osteoporosis is a relative contraindication because it may limit the amount of fixation and thus preclude the use of this or any other spinal instrumentation system
- 3. A patient that does not meet the criteria described in the indications
- 4. Any other condition which would preclude the potential benefit of spinal implant surgery, such as the presence of tumors or congenital abnormalities, fracture local to the operating site, elevation of sedimentation rate unexplained by other diseases, elevation of white blood count (WBC), or a marked left shift in the WBC differential count
- 5. An overweight or obese patient as these patients can produce additional loads on the device that can cause failure of the device or subsidence
- 6. Any patient that is non-compliant with post-operative instructions
- 7. Patients who smoke have been observed to experience higher rates of pseudoarthrosis following surgical procedures where bone graft is used
- 8. Pregnancy
- 9. Signs of local inflammation
- 10. Fever or leukocytosis
- 11. Any case where the patient's occupation, activity level, or lifestyle can place undue stress on the implant that leads to failure. Specifically patients with mental illness, alcoholism, or drug abuse

Potential Adverse Effects:

Possible adverse events or complications include, but are not limited to:

- 1. Bone loss or decrease in bone density due to stress shielding
- 2. Non-union (pseudoarthrosis), delayed union
- 3. Bending and/or breakage of the implant
- 4. Posterior or anterior implant migration and/or subsidence
- 5. Allergy or foreign body sensitivity to any of the implant material
- 6. Tissue or nerve damage, irritation, and/or pain caused by improper positioning and placement of the implant 7. Infection
- 8. Pain, discomfort, or abnormal sensations due to the presence of the device
- 9. Post-operative change in spinal curvature, loss of correction, height and/or reduction
- 10. Loss of neurological function including complete or incomplete paralysis, dysesthesia, hyperesthesia, paraesthesia, appearance or radiculopathy
- 11. Death
- 12. Erosion of blood vessels due to the proximity of the device leading to hemorrhage and/or death

CAUTION: FEDERAL (USA) LAW RESTRICTS THIS DEVICE TO SALE BY OR ON THE ORDER OF A PHYSCIAN.

Please refer to the Instructions For Use included with the product for complete instructions, indications, contraindications, and warnings.

5





Transom

ANTERIOR CERVICAL PLATING SYSTEM

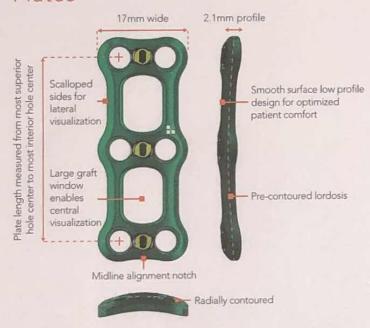
System Features

- Simple, One-Step Active Locking Mechanism at Each Level with Visual Lock Verification
- Large Graft Window Enables Graft & Anatomical Landmark Visualization
- Scalloped Sides for Lateral Visualization
- Low Profile Design to Optimize Patient Comfort
- Pre-Contoured Plates in a Large
 Assortment of Lengths to Simplify
 Surgical Procedure
- Self-Drilling, Self-Tapping, Fixed & Variable Angle Screws for Hybrid Constructs



Crafted for Perfection Transom™

Plates



Screws





Enhanced screw and driver interface





Self-drilling

drilling Self-tappi

SCREW LENGTH: Amount of purchase below plate

Pla	tes					Ler	ngth (n	nm)			Link	
	1	10	12	14	16	18	20	22	24	26		
	2	24	26	28	30	32	34	37	40	43	46	
Level	3	39	42	45	48	51	54	57	60	63	66	69
-	4	60	64	68	72	76	80	84				
	5	85	90	95	100							

Standard Sizes

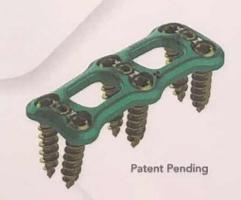
■ Non-Standard Sizes

Fixed & Variable Screw Size Length (mm) Self-Tapping 4.0 10 12 14 16 18 4.5 10 12 14 16 18 Self-Drilling 4.0 10 12 14 16 18

Angulation

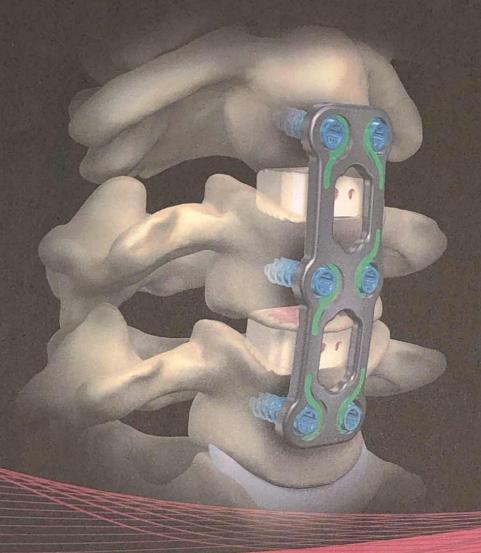


16 Technology Drive, Suite 165 Irvine, CA 92618 Ph/Fax: 800.352.6103 neurostructures.com





Nakoma-SL



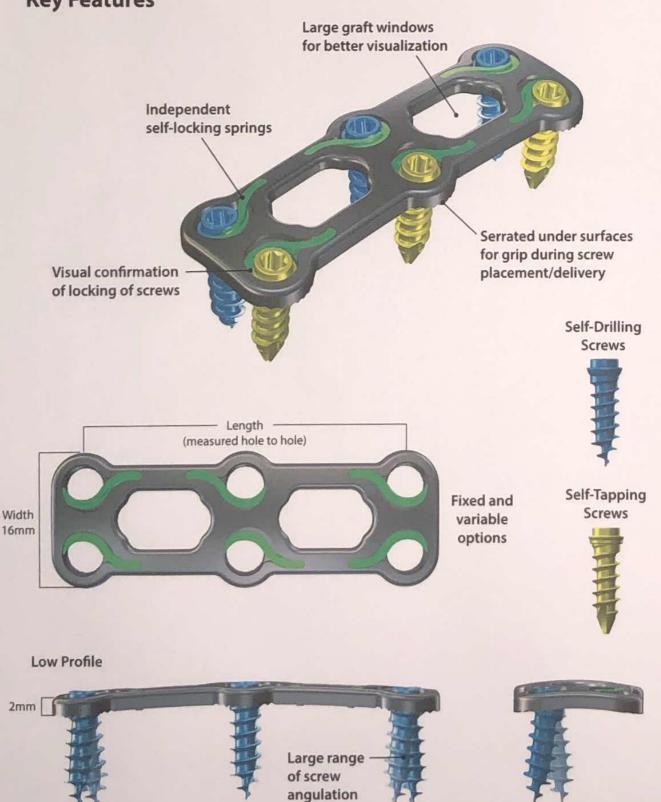
Anterior Cervical Plating
System





Key Features

Cephalad/Caudal



Cephalad/Caudal

Medial/Lateral

Nakoma-SL

Implant Chart

Plates - Nakoma-SL

Plates -	Nakoma-SL
Part#	Description
31001-1000	12mm X 16mm X 2mm, 1-Level
31001-1001	14mm X 16mm X 2mm, 1-Level
31001-1002	16mm X 16mm X 2mm, 1-Level
31001-1003	18mm X 16mm X 2mm, 1-Level
31001-1004	20mm X 16mm X 2mm, 1-Level
31001-1005	22mm X 16mm X 2mm, 1-Level
31001-1006	24mm X 16mm X 2mm, 1-Level
31001-2000	26mm X 16mm X 2mm, 2-Level
31001-2001	28mm X 16mm X 2mm, 2-Level
31001-2002	30mm X 16mm X 2mm, 2-Level
3100I-2003	32mm X 16mm X 2mm, 2-Level
31001-2004	34mm X 16mm X 2mm, 2-Level
31001-2005	37mm X 16mm X 2mm, 2-Level
31001-2006	40mm X 16mm X 2mm, 2-Level
31001-2007	43mm X 16mm X 2mm, 2-Level
31001-2008	46mm X 16mm X 2mm, 2-Level
31001-3000	40mm X 16mm X 2mm, 3-Level
31001-3001	43mm X 16mm X 2mm, 3-Level
31001-3002	46mm X 16mm X 2mm, 3-Level
31001-3003	49mm X 16mm X 2mm, 3-Level
31001-3004	52mm X 16mm X 2mm, 3-Level
31001-3005	55mm X 16mm X 2mm, 3-Level
31001-3006	58mm X 16mm X 2mm, 3-Level
31001-3007	61mm X 16mm X 2mm, 3-Level
31001-3008	64mm X 16mm X 2mm, 3-Level
31001-3009	67mm X 16mm X 2mm, 3-Level
31001-4000	60mm X 16mm X 2mm, 4-Level
31001-4001	64mm X 16mm X 2mm, 4-Level
31001-4002	68mm X 16mm X 2mm, 4-Level
31001-4003	72mm X 16mm X 2mm, 4-Level
31001-4004	76mm X 16mm X 2mm, 4-Level
31001-4005	80mm X 16mm X 2mm, 4-Level
31001-4006	84mm X 16mm X 2mm, 4-Level
31001-5000	75mm X 16mm X 2mm, 5-Level
31001-5001	80mm X 16mm X 2mm, 5-Level
31001-5002	85mm X 16mm X 2mm, 5-Level
31001-5003	90mm X 16mm X 2mm, 5-Level
31001-5004	95mm X 16mm X 2mm, 5-Level
31001-5005	100mm X 16mm X 2mm, 5-Level
31001-5006	105mm X 16mm X 2mm, 5-Level

Fixed Screws - Nakoma-ACP

Part#	Description
31001-6000	Fixed Screw, Self-Tapping, Ø4.0 X 10mm
31001-6001	Fixed Screw, Self-Tapping, Ø4.0 X 11mm
31001-6002	Fixed Screw, Self-Tapping, Ø4.0 X 12mm
31001-6003	Fixed Screw, Self-Tapping, Ø4.0 X 13mm
31001-6004	Fixed Screw, Self-Tapping, Ø4.0 X 14mm
31001-6005	Fixed Screw, Self-Tapping, Ø4.0 X 15mm
31001-6006	Fixed Screw, Self-Tapping, Ø4.0 X 16mm
31001-6007	Fixed Screw, Self-Tapping, Ø4.0 X 17mm
31001-6008	Fixed Screw, Self-Tapping, Ø4.0 X 18mm
31001-6009	Fixed Screw, Self-Tapping, Ø4.0 X 19mm
31001-6010	Fixed Screw, Self-Tapping, Ø4.0 X 20mm
31001-6500	Fixed Screw, Self-Tapping, Ø4.5 X 12mm
31001-6501	Fixed Screw, Self-Tapping, Ø4.5 X 13mm
31001-6502	Fixed Screw, Self-Tapping, Ø4.5 X 14mm
31001-6503	Fixed Screw, Self-Tapping, Ø4.5 X 15mm
31001-6504	Fixed Screw, Self-Tapping, Ø4.5 X 16mm
31001-6505	Fixed Screw, Self-Tapping, Ø4.5 X 17mm
31001-6506	Fixed Screw, Self-Tapping, Ø4.5 X 18mm
31001-6507	Fixed Screw, Self-Tapping, Ø4.5 X 19mm
31001-6508	Fixed Screw, Self-Tapping, Ø4.5 X 20mm
31001-9000	Fixed Screw, Self-Drilling, Ø4.0 X 10mm
31001-9001	Fixed Screw, Self-Drilling, Ø4.0 X 11mm
31001-9002	Fixed Screw, Self-Drilling, Ø4.0 X 12mm
31001-9003	Fixed Screw, Self-Drilling, Ø4.0 X 13mm
31001-9004	Fixed Screw, Self-Drilling, Ø4.0 X 14mm
31001-9005	Fixed Screw, Self-Drilling, Ø4.0 X 15mm
31001-9006	Fixed Screw, Self-Drilling, Ø4.0 X 16mm
31001-9007	Fixed Screw, Self-Drilling, Ø4.0 X 17mm
31001-9008	Fixed Screw, Self-Drilling, Ø4.0 X 18mm
31001-9009	Fixed Screw, Self-Drilling, Ø4.0 X 19mm
31001-9010	Fixed Screw, Self-Drilling, Ø4.0 X 20mm
21001 0500	Short Secret Solf Delling (34 E V 12mm)
31001-9500	Fixed Screw, Self-Drilling, Ø4.5 X 12mm
31001-9501	Fixed Screw, Self-Drilling, Ø4.5 X 13mm
31001-9502	Fixed Screw, Self-Drilling, Ø4.5 X 14mm Fixed Screw, Self-Drilling, Ø4.5 X 15mm
3100I-9503 3100I-9504	Fixed Screw, Self-Drilling, Ø4.5 X 15mm
	Fixed Screw, Self-Drilling, Ø4.5 X 17mm
3100I-9505 3100I-9506	Fixed Screw, Self-Drilling, Ø4.5 X 18mm
	Fixed Screw, Self-Drilling, Ø4.5 X 19mm
3100I-9507 3100I-9508	Fixed Screw, Self-Drilling, Ø4.5 X 20mm
21001-3300	Tived Jerew, Jeir Drilling, 1943 A Zorilli

Variable Screws - Nakoma-ACP

Part#	Description
31001-8000	Variable Screw, Self-Tapping, Ø4.0 X 10mm
31001-8001	Variable Screw, Self-Tapping, Ø4.0 X 11mm
31001-8002	Variable Screw, Self-Tapping, Ø4.0 X 12mm
31001-8003	Variable Screw, Self-Tapping, Ø4.0 X 13mm
31001-8004	Variable Screw, Self-Tapping, Ø4.0 X 14mm
31001-8005	Variable Screw, Self-Tapping, Ø4.0 X 15mm
31001-8006	Variable Screw, Self-Tapping, Ø4.0 X 16mm
31001-8007	Variable Screw, Self-Tapping, Ø4.0 X 17mm
31001-8008	Variable Screw, Self-Tapping, Ø4.0 X 18mm
31001-8009	Variable Screw, Self-Tapping, Ø4.0 X 19mm
31001-8010	Variable Screw, Self-Tapping, Ø4.0 X 20mm
31001-8500	Variable Screw, Self-Tapping, Ø4.5 X 12mm
31001-8501	Variable Screw, Self-Tapping, Ø4.5 X 13mm
31001-8502	Variable Screw, Self-Tapping, Ø4.5 X 14mm
31001-8503	Variable Screw, Self-Tapping, Ø4.5 X 15mm
3100I-8504	Variable Screw, Self-Tapping, Ø4.5 X 16mm
31001-8505	Variable Screw, Self-Tapping, Ø4.5 X 17mm
3100I-8506	Variable Screw, Self-Tapping, Ø4.5 X 18mm
3100I-8507	Variable Screw, Self-Tapping, Ø4.5 X 19mm
3100I-8508	Variable Screw, Self-Tapping, Ø4.5 X 20mm
31001-7000	Variable Screw, Self-Drilling, Ø4.0 X 10mm
31001-7001	Variable Screw, Self-Drilling, Ø4.0 X 11mm
31001-7002	Variable Screw, Self-Drilling, Ø4.0 X 12mm
31001-7003	Variable Screw, Self-Drilling, Ø4.0 X 13mm
31001-7004	Variable Screw, Self-Drilling, Ø4.0 X 14mm
31001-7005	Variable Screw, Self-Drilling, Ø4.0 X 15mm
31001-7006	Variable Screw, Self-Drilling, Ø4.0 X 16mm Variable Screw, Self-Drilling, Ø4.0 X 17mm
3100I-7007 3100I-7008	Variable Screw, Self-Drilling, Ø4.0 X 17mm
31001-7009	Variable Screw, Self-Drilling, Ø4.0 X 19mm
31001-7009	Variable Screw, Self-Drilling, Ø4.0 X 20mm
31001-7010	Variable Screw, Sen-Drinking, 8-4.0 × 2011111
31001-7500	Variable Screw, Self-Drilling, Ø4.5 X 12mm
31001-7501	Variable Screw, Self-Drilling, Ø4.5 X 12mm
31001-7502	Variable Screw, Self-Drilling, Ø4.5 X 14mm
31001-7502	Variable Screw, Self-Drilling, Ø4.5 X 15mm
31001-7504	Variable Screw, Self-Drilling, Ø4.5 X 16mm
31001-7505	Variable Screw, Self-Drilling, Ø4.5 X 17mm
31001-7506	Variable Screw, Self-Drilling, Ø4.5 X 18mm
31001-7507	Variable Screw, Self-Drilling, Ø4.5 X 19mm
31001-7508	Variable Screw, Self-Drilling, Ø4.5 X 20mm
219017300	The second section of the second section of the second section second section



SURE LOKPC POSTERIOR CERVICAL SYSTEM

Screws

Sizes

- Available in 3.5mm and 4.0 mm diameters
- Accomodates 3.5 mm rod
- Self Drilling, Self Tapping
- Titanium Alloy

3.5mm Diameter

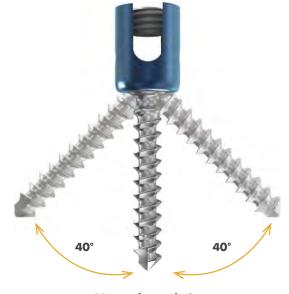


4.0mm Diameter



- 11mm Tulip Height
- 80 degree total angulationSquare threaded locking cap
- Bone screw 2.5mm Hex
- Locking Cap T15





80° Total Angulation

Rods

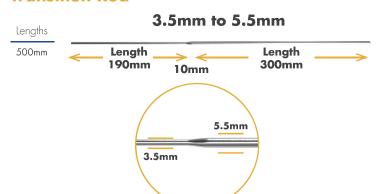
60mm 70mm

Straight Rod

240mm

3.5mm Lengths 20mm 80mm 90mm 30mm 40mm 100mm 120mm 50mm

Transition Rod



Lateral Offsets/Hooks/Dominoes

Lateral Offsets:

Open & Closed

Lengths

14mm

 $25 \, \text{mm}$





Hooks:

Straight, Right Offset & Left Offset

Sizes

5mm 6mm



Straight 5mm Lamina Slot Width



Straight 6mm Lamina S**l**ot Width



Right 5mm Lamina Slot Width



Right 6mm Lamina S**l**ot Width



Left 5mm Lamina Slot Width



Left 6mm Lamina Slot Width

Dominoes:

3.5mm Straight & Parallel

Diameters	Domino Sizes
3.5mm	3.5mm x 3.5mm
4.5mm	$3.5 \text{mm} \times 4.5 \text{mm}$
5.5mm	$3.5 \text{mm} \times 5.5 \text{mm}$
6.25mm	3.5mm × 6.25mm



Parallel





3.5mm $\times 3.5$ mm



 $3.5 \text{mm} \times 4.5 \text{mm}$

 $3.5 \text{mm} \times 4.5 \text{mm}$



3.5mm x 5.5mm 3.5mm x



3.5mm x 5.5mm



Drill Guides:

Diameters

3.5mm - 2.0mm Drill

4.0mm - 2.5mm Drill





Cap Screws

- Tulip, offset, hooks T15Cross connector T15
- Dominoes T15



Crosslinks

Adjustable Tulip-to-Tulip Connection

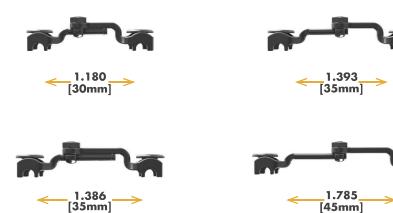
- Titanium alloy Attaches to the tulip heads
- Male Hex 6mm

Lengths

30mm	30mm - 35mm Adjustable
35mm	35mm - 45mm Adjustable
45mm	45mm - 65mm Adjustable

Cross-Link Cap Screw Torque Pressure: 18in-lbs









[45mm]

Bone Awl/Bone Punch

4mm Length 2mm Diameter