NuVasive®
Speed of Innovation™

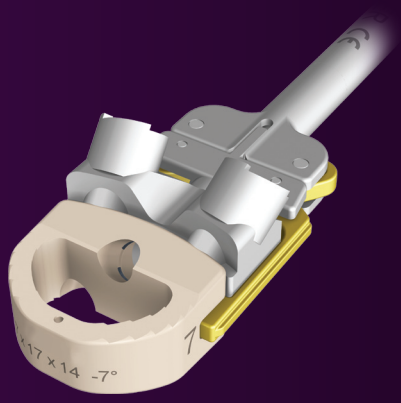
CoRoent® SMALL INTERLOCK™

Standalone Cervical Interbody Fixation Designed for Simplicity and Versatility





Freehand Technique



DTS Guided Technique

DESIGNED FOR SIMPLICITY AND VERSATILITY

DESIGN RATIONALE

The CoRoent® Small Interlock™ System is designed to reduce the number of steps in the ACDF procedure, maximize intraoperative visibility and versatility, while helping to minimize the intraoperative exposure.

Implant:

ZERO STEP LOCKING MECHANISM

- Circumferential (360˚) PEEK Locking Ledge requires no additional steps to lock the screw in place

LARGE FUSION APERTURE

- Provides ample space for autograft and the formation of a large fusion column

17X14mm FOOTPRINT

- The large footprint sits posterior-laterally on the hard cortical bone of the apophyseal ring, helping to maximixe stability

7˚ LORDOSIS

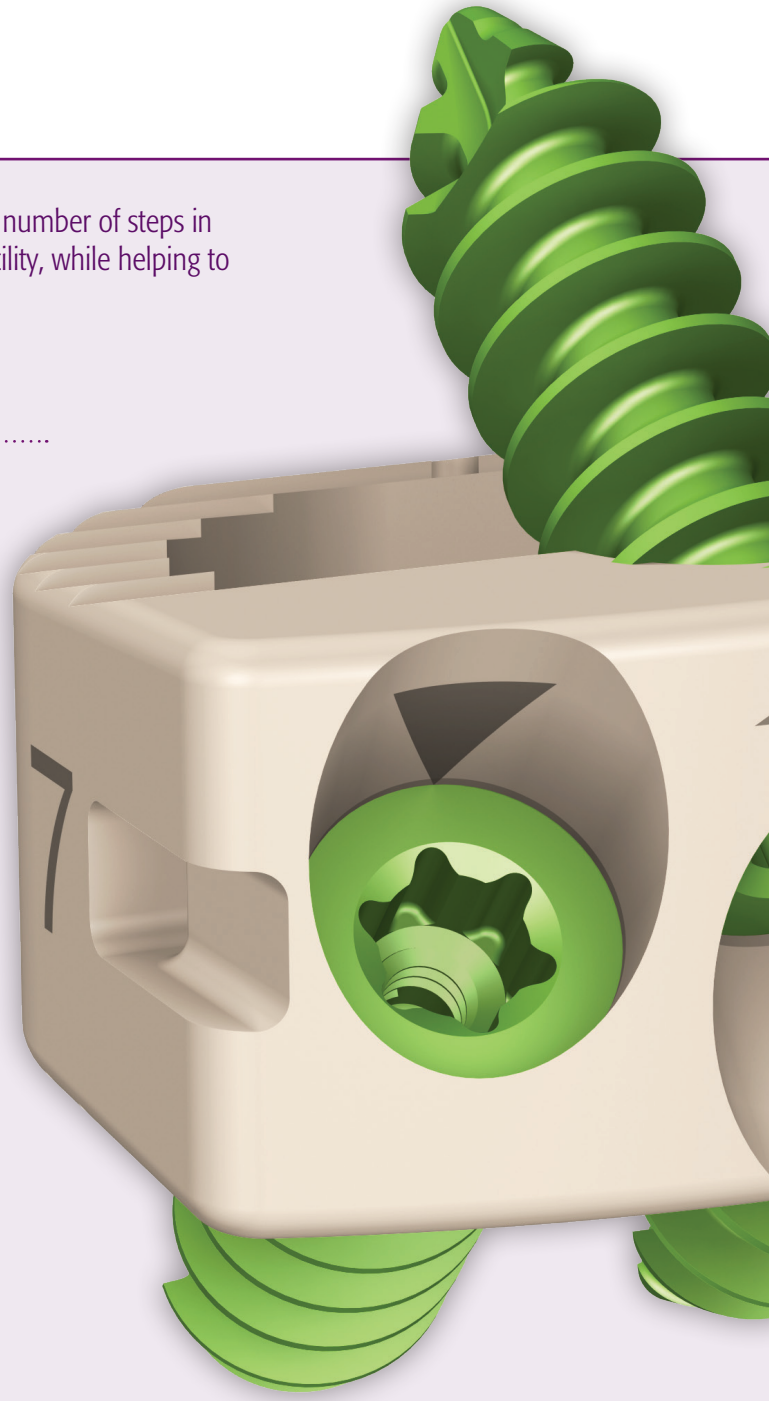
- Lordosis helps to restore sagittal alignment with each construct

HEIGHTS 5-12mm (1mm INCREMENTS)

- Multiple implant heights provide versatility to accommodate for varying patient anatomy

TITANIUM MARKER

- The posterior marker sits 1mm from the posterior aspect of the implant providing accurate reference of A/P location





Screws:

40˚ SCREW ANGULATION

- Provides a great balance between ease of screw placement and maximum expulsion resistance

4.0mm PRIMARY & 4.5mm RESCUE

- Robust screws provide maximum purchase and tactile feedback in all bone qualities

AGGRESSIVE SELF-TAPPING

- Screws have an aggressive cutting flute to quickly and easily advance through bone

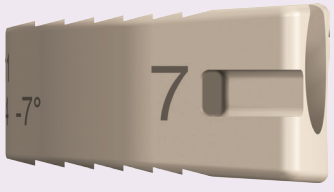
12-16mm LENGTHS (1mm INCREMENTS)

- Multiple screw lengths provide the versatiltiy to accommodate for varying patient anatomy

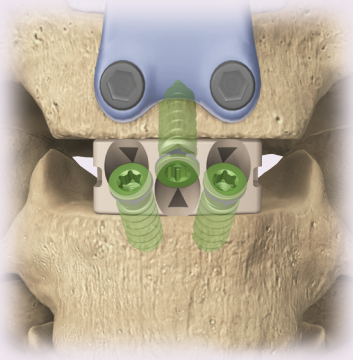
3 SCREW CONSTRUCT

- Provides the intraoperative versatility to accommodate difficult surgical levels as well as adjacent surgical levels

- Large aperture
- 17x14mm Footprint
- Titanium marker sits 1mm from posterior aspect of implant



- 7˚ Lordosis
- Multiple implant heights accommodate for varying anatomy



- Centerline screw
- Perfect for adjacent level surgery

DESIGNED FOR SIMPLICITY AND VERSATILITY

Locking Mechanism:
ZERO-STEP

- The Circumferential (360˚) PEEK Locking Ledge provides maximum coverage over the screw head without the extra step to lock it in place; simply drive the screw past the PEEK ledge into the pocket
- The Circumferential (360˚) Locking Ledge is built into the implant and is made from one solid piece of PEEK material



Locking Confirmation:
TRIANGLE INDICATORS

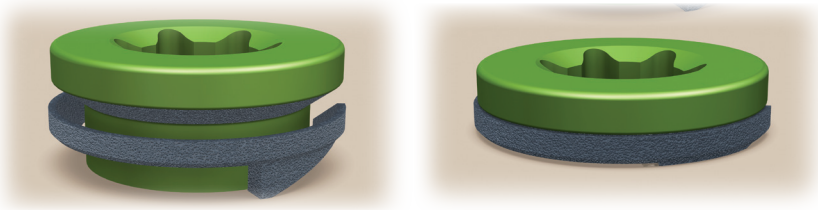
- Laser marked triangles within each screw hole provide the primary confirmation that the screw is locked beneath the ledge and into the pocket



Unlocked **Locked**

Tactile Feedback Washers

- The Tactile Feedback Washers lay at the bottom of each screw hole. This provides secondary feedback (increase in torque resistance) when the screw drives the washer into the PEEK material, creating a sandpaper-on-sandpaper feel



Not Seated In PEEK **Seated In PEEK**

Utility Tools

- Attach Wrench to Angled Awl or Angled Driver during the Freehand technique for better control and force distribution



Wrench

- The Angled Awl provides great utility when the anatomy prevents easy access to the operative level



Angled Awl

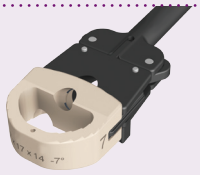
FREEHAND Technique

- Great in difficult anatomical situations (e.g., C3-4, C6-7)
- Allows the middle screw to be placed first, anchoring the implant while it is positively engaged to the inserter
- The initial screw prevents posterior migration of the implant during placement of the 2 lateral screws
- Provides absolute visibility of the implant during the procedure

Step 1.
Trial the disc space



Step 2.
Insert implant into disc space



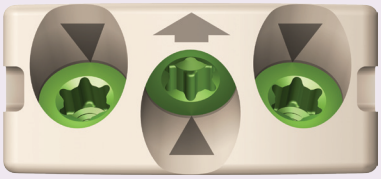
Step 3.
Awl, drive and lock middle screw



Step 4.
Remove Inserter, Awl, drive and lock 2 lateral screws



Step 5.
Confirm the screws are locked (visualize triangles)



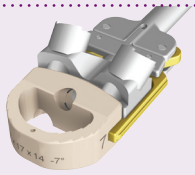
DTS GUIDED Technique

- DTS Guide Tubes ensure reproducible screw trajectories and optimal placement while the implant is securely attached to the Inserter
- The proximal end of each Guide Tube will interact with and positively stop the screwdrivers to indicate the optimal screw depth beneath the integrated PEEK Circumferential Locking Ledge

Step 1.
Trial the disc space



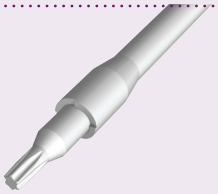
Step 2.
Insert implant into disc space



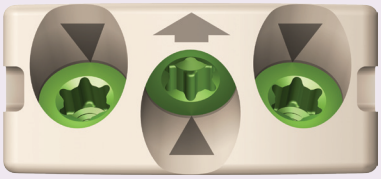
Step 3.
Awl or drill the holes



Step 4.
Drive the screws



Step 5.
Confirm the screws are locked (visualize triangles)



CATALOG

DESCRIPTION	CATALOG #
IMPLANTS	
Implant - 5x17x14mm, 7°	6790225
Implant - 6x17x14mm, 7°	6790226
Implant - 7x17x14mm, 7°	6790227
Implant - 8x17x14mm, 7°	6790228
Implant - 9x17x14mm, 7°	6790229
Implant - 10x17x14mm, 7°	6790230
Implant - 11x17x14mm, 7°	6790231
Implant - 12x17x14mm, 7°	6790232
Screw - 4.0x12mm	6791712
Screw - 4.0x13mm	6791713
Screw - 4.0x14mm	6791714
Screw - 4.0x15mm	6791715
Screw - 4.0x16mm	6791716
Screw - 4.5x12mm, Rescue	6791812
Screw - 4.5x13mm, Rescue	6791813
Screw - 4.5x14mm, Rescue	6791814
Screw - 4.5x15mm, Rescue	6791815
Screw - 4.5x16mm, Rescue	6791816

DESCRIPTION	CATALOG #
INSTRUMENTS	
Trial - 5x17x14mm, 7˚ Gold	6790161
Trial - 6x17x14mm, 7˚ Green	6790162
Trial - 7x17x14mm, 7˚ Magenta	6790163
Trial - 8x17x14mm, 7˚ Blue	6790164
Trial - 9x17x14mm, 7˚ Bronze	6790165
Trial - 10x17x14mm, 7˚ Purple	6790166
Trial - 11x17x14mm, 7˚ Seafoam	6790167
Trial - 12x17x14mm, 7˚ Grey	6790168
Rasp - 5x17x14mm, 7˚	6790141

DESCRIPTION	CATALOG #
INSTRUMENTS	
Rasp - 6x17x14mm, 7˚	6790142
Rasp - 7x17x14mm, 7˚	6790143
Rasp - 8x17x14mm, 7˚	6790144
Rasp - 9x17x14mm, 7˚	6790145
Rasp - 10x17x14mm, 7˚	6790146
Rasp - 11x17x14mm, 7˚	6790147
Rasp - 12x17x14mm, 7˚	6790148
DTS Guide - 5mm	6790121
DTS Guide - 6mm	6790122
DTS Guide - 7mm	6790123
DTS Guide - 8mm	6790124
DTS Guide - 9mm	6790125
DTS Guide - 10mm	6790126
DTS Guide - 11mm	6790127
DTS Guide - 12mm	6790128
Cervical Mallet	1006278
Freehand Inserter	6790172
Freehand Straight Driver	6790110
Freehand Angled Driver, 40˚	6790114
DTS Inserter	6790119
DTS Straight Driver	6790111
DTS Angled Driver	6790117
Straight Awl, Self-Centering	6790112
Angled Awl, Self-Centering	6790113
Adjustable Drill Guide - 12-16mm	6790173
Implant Rescue Tool	6790130
Drill - 12-16mm, Disposable	6790151
Tap - 12mm, Disposable	6790152
Universal Handle, AO	6790150
Wrench Handle, Dual Angle	6790153



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