

PRODUCT BROCHURE

# uNion<sup>®</sup>

Cervical Plate System



# System

- Material: Titanium alloy
- Color coded screw sizes 4.0mm and 4.5mm diameters in 12mm to 18mm lengths
- 4.0mm screws are available in self-drilling and self-drilling/self-tapping designs
- Standard plates: 2.0mm thickness at waist, 16.5mm width, and are available in 1 to 4 levels (12mm to 84mm)
- Midline plates in 1 and 2 levels (12mm to 46mm)
- Designed with a blocking mechanism to restrict screw backout
- Blocking design of each screw hole allows surgeons to visualize and feel blocking function and to achieve proper positioning



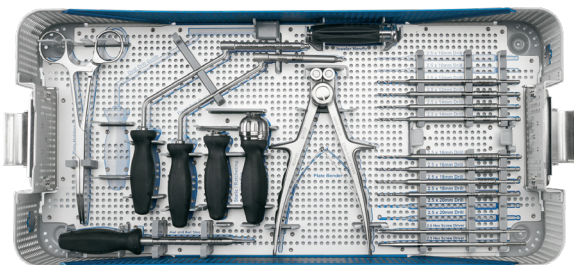
**Standard plate**



**Midline plate**

## Tray View

- Multiple handle options
- 2 driver options (tapered (single-use) and split tip)
- Independent drill options for each screw length
- Modular tray design for ease of use



**Bottom layer**



**Top layer**

# Indications

The uNion cervical plate system is intended for anterior fixation of the cervical spine (C2 to T1). The system is to be used to provide stabilization of the anterior cervical spine as an adjunct to fusion for the treatment of degenerative disc disease (defined as neck pain of discogenic origin with the degeneration of the disc confirmed by history and radiographic studies), spondylolisthesis, trauma (i.e., fractures or dislocations), tumors, spinal stenosis, deformity (i.e., kyphosis, lordosis or scoliosis), pseudarthrosis or failed previous fusion.

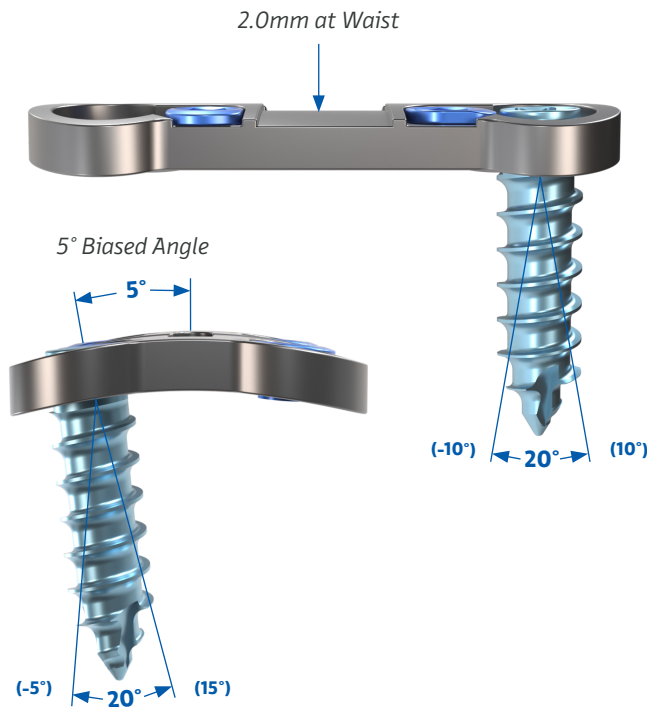
# Advantages

## Optimized Implant Design

- Excellent bone purchase with cancellous thread design
- Screw angulation of  $\pm 10^\circ$  for a total of  $20^\circ$
- Plates are designed with  $8^\circ$  of lordosis, cephalad to caudal
- $5^\circ$  biased angle in the coronal plane of the plate
- Multiple screw options available in the set

## Screw Color (Anodizing) Chart

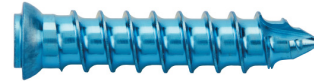
Screw Length	Fixed Screw		Variable Screw
	Shaft	Head	Shaft & Head
12mm	Dark Blue	Gray	Dark Blue
14mm	Magenta	Gray	Magenta
16mm	Gold	Gray	Gold
18mm	Light Blue	Gray	Light Blue



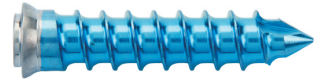
**4.0mm Variable Screw**  
Self-drilling, 18mm length



**4.0mm Fixed Screw**  
Self-Drilling, 18mm length



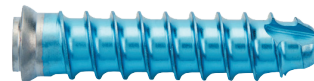
**4.0mm Variable Screw**  
Self-drilling/self-tapping, 18mm length



**4.0mm Fixed Screw**  
Self-drilling/self-tapping, 18mm length



**4.5mm Variable Screw**  
Rescue self-tapping, 18mm length



**4.5mm Fixed Screw**  
Rescue self-tapping, 18mm length

# Components

Implant	Product Number
Standard Cervical Plate, 1-Level, lengths 12-26mm	UM102-01-12 to -26
Standard Cervical Plate, 2-Level, lengths 24-46mm	UM102-02-24 to -46
Standard Cervical Plate, 3-Level, lengths 39-69mm	UM102-03-39 to -69
Standard Cervical Plate, 4-Level, lengths 60-84mm	UM102-04-60 to -84
Midline Cervical Plate, 1-Level, lengths 12-26mm	UM101-01-12 to -26
Midline Cervical Plate, 2-Level, lengths 24-46mm	UM101-02-24 to -46
Self-Drilling Fixed Screw, Ø 4mm, lengths 12-18mm	UM140-40-12 to -18
Rescue Self-Tapping Fixed Screw, Ø 4.5mm, lengths 12-18mm	UM142-45-12 to -18
Self-Drilling/Self-Tapping Fixed Screw, Ø 4mm, lengths 12-18mm	UM144-40-12 to -18
Self-Drilling Variable Screw, Ø 4mm, lengths 12-18mm	UM150-40-12 to -18
Rescue Self-Tapping Variable Screw, Ø 4.5mm, lengths 12-18mm	UM152-45-12 to -18
Self-Drilling/Self-Tapping Variable Screw, Ø 4mm, lengths 12-18mm	UM154-40-12 to -18

Instrument	Product Number
Awl (2.5mm)	UM170-00-01
Variable Drill Guide	UM170-00-02
Fixed Drill Guide	UM170-00-03
Plate Bender	UM170-00-05
Plate Holder - Outer Connection	UM170-00-06 or CS 1871
Ratcheting Handle	UM170-00-07
Static Handle	UM170-00-08
Jeweler Handle	UM170-00-09
2.5 Hex Screwdriver Shaft Split Tip	UM170-00-10
2.5 Hex Screwdriver Shaft Tapered Tip (single-use)	UM170-00-14
Awl Sleeve	UM170-00-12
Drill, 2.5 x 10mm	UM180-00-10
Drill, 2.5 x 12mm	UM180-00-12
Drill, 2.5 x 14mm	UM180-00-14
Drill, 2.5 x 16mm	UM180-00-16
Drill, 2.5 x 18mm	UM180-00-18
Temporary Fixation Screw	UM180-00-25