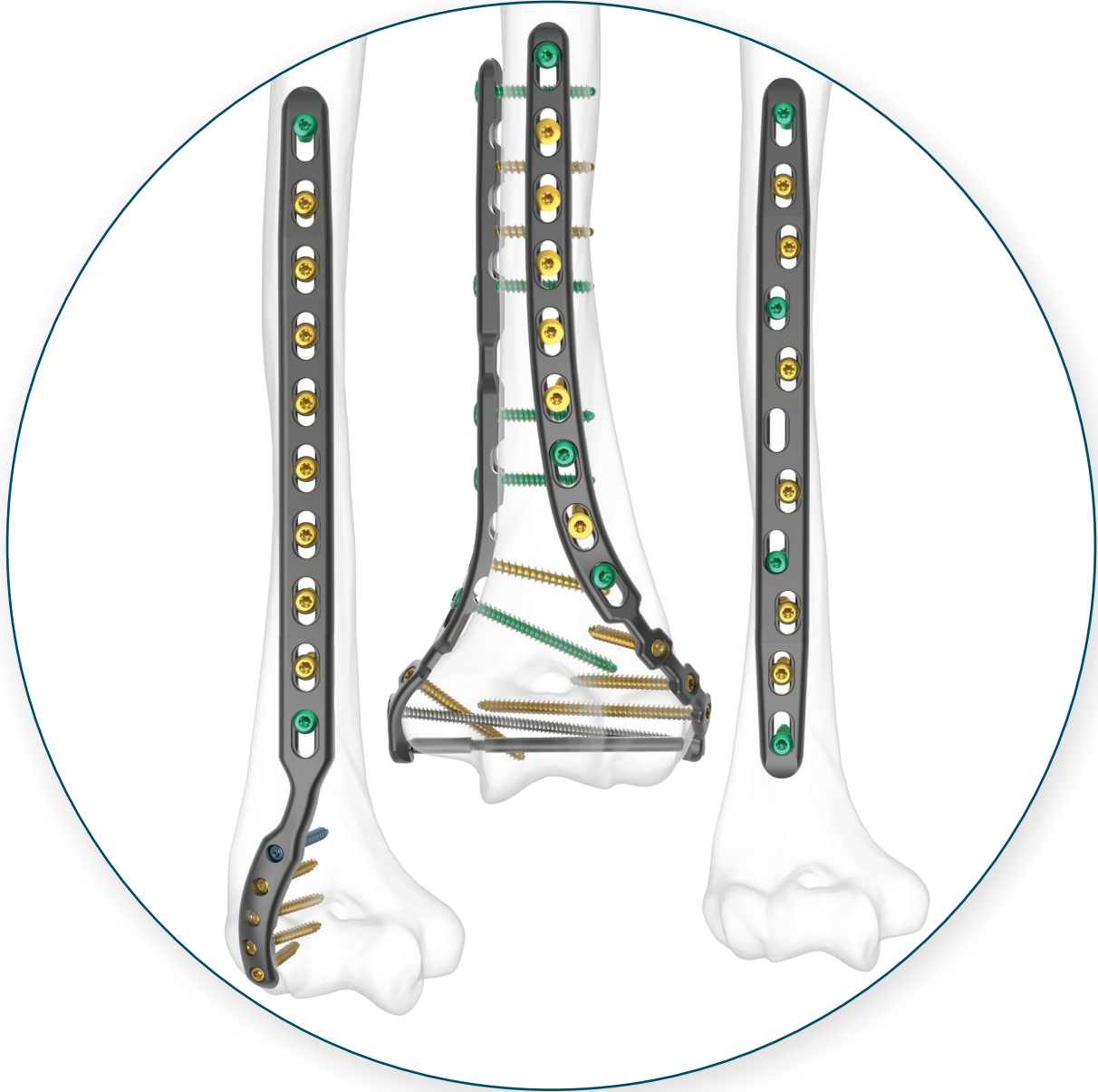


FREEFIX[®]

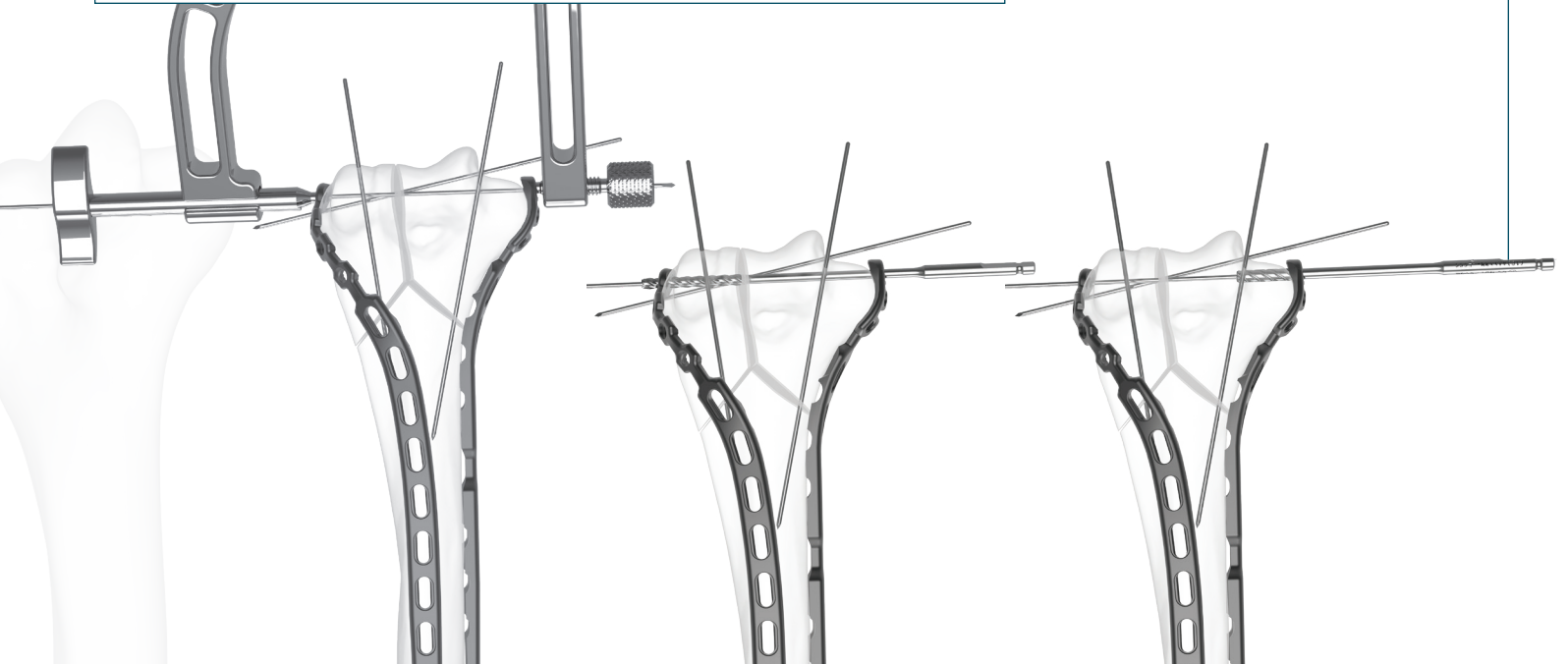
humeral plating set



The next generation of distal and midshaft
humerus fracture management

A true single, fixed angle construct

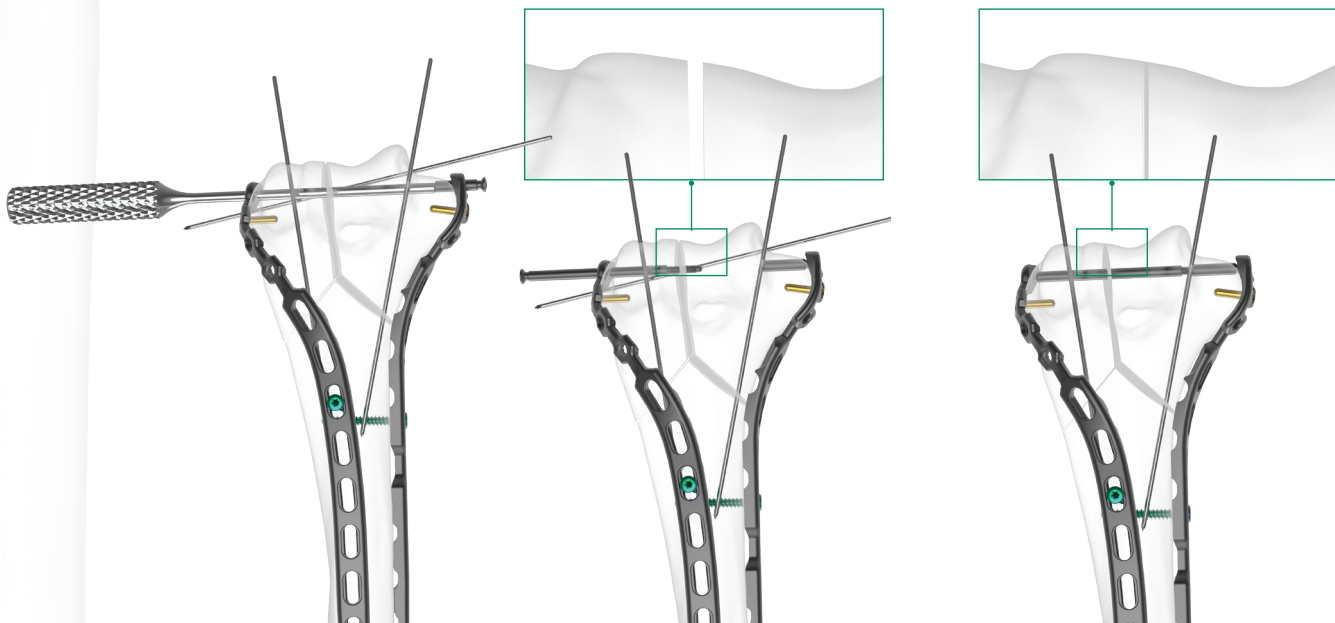
TiBeam® technology connects the medial and lateral plates to allow for compression across the trochlea



Use trajectory guide to place k-wire through the most distal holes of the medial and lateral plate.

Drill through both plates with the 3.7mm cannulated drill.

Overdrill with the 4.0mm stop drill.



Use the insertion tool and T-10 driver (not pictured) to insert the female component through the plate.

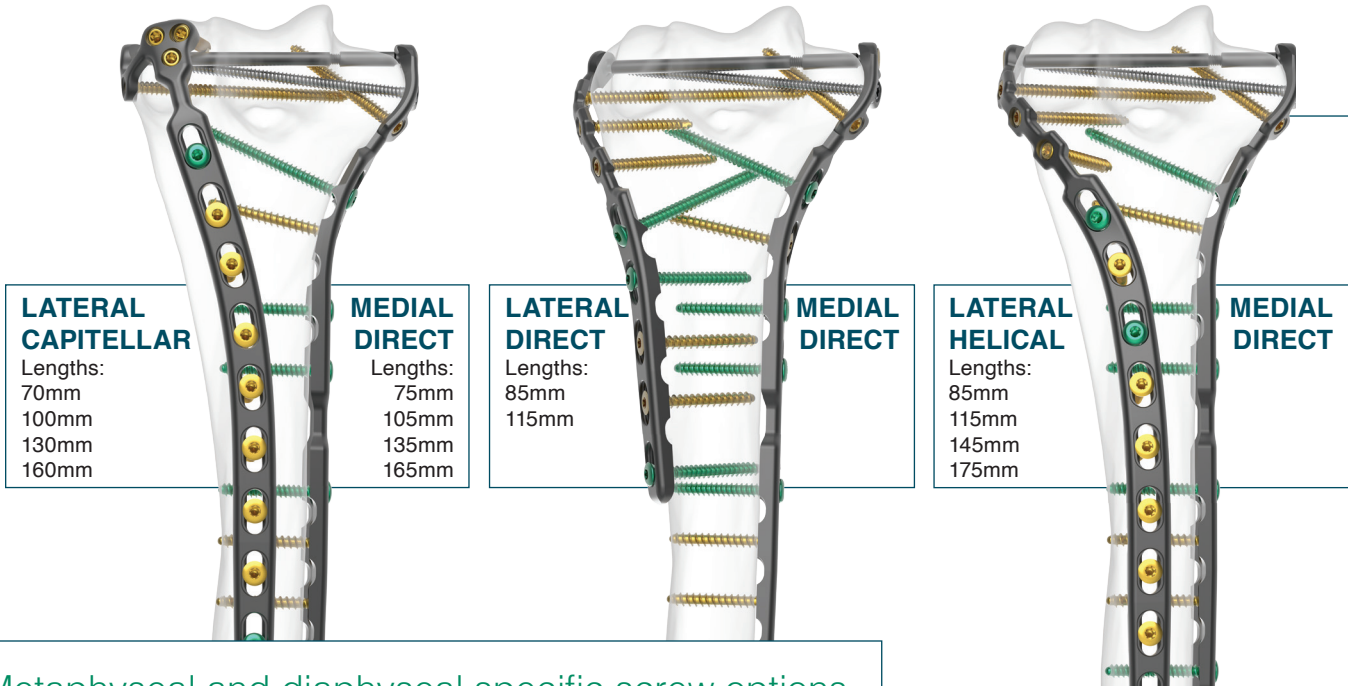
Introduce male component using T-10 driver (not pictured).

Thread the male component into the female and continue advancing until desired compression is achieved.

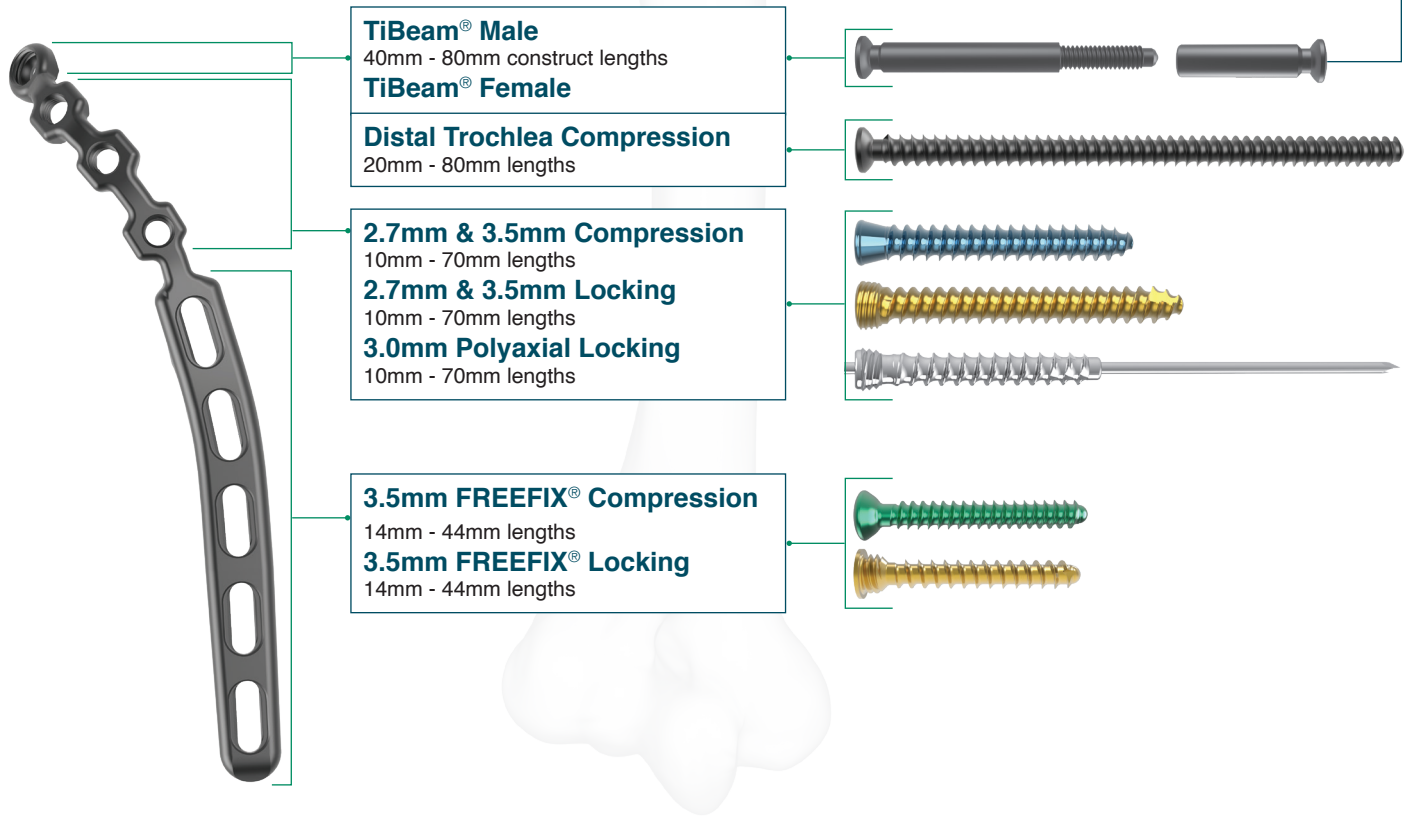


Plate combinations to address different fracture patterns, surgeon preference and patient anatomy

All construct combinations accommodate the use of TiBeam®



Metaphyseal and diaphyseal specific screw options



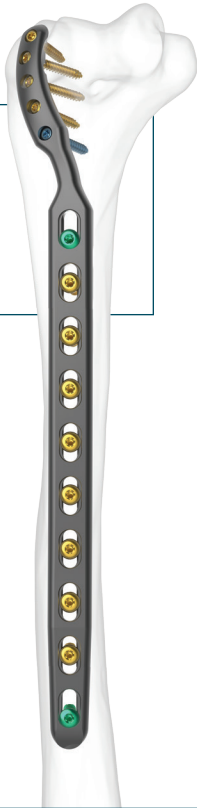
Midshaft and supracondylar options designed for maximum torsional resistance

Optimized bottom surface for wider contact area with the bone

SUPRACONDYLAR

with extension for distal fractures

Lengths:
142mm
196mm
250mm



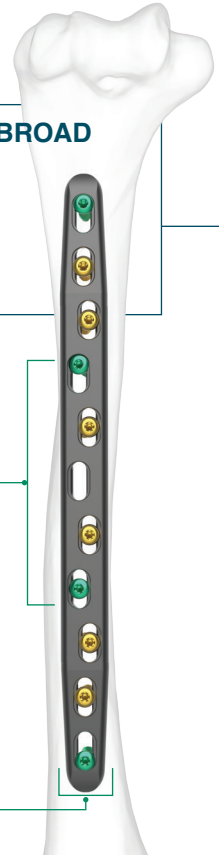
MIDSHAFT NARROW

Lengths:
136mm
172mm
208mm
244mm



MIDSHAFT BROAD

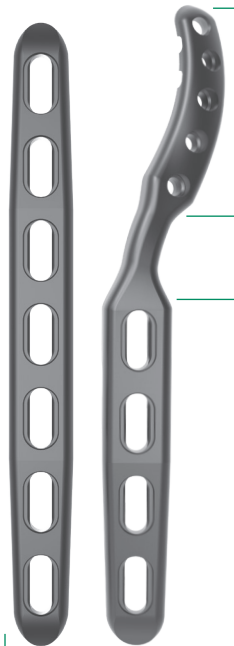
Lengths:
136mm
172mm
208mm
244mm



Staggered screw holes for multi planar fixation

Increased plate width for greater surface area coverage

Screw options for maximum fixation

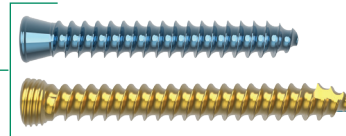


2.7mm & 3.5mm Compression

10mm - 70mm lengths

2.7mm & 3.5mm Locking

10mm - 70mm lengths

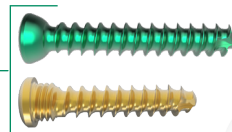


4.5mm FREEFIX® Compression

14mm - 40mm lengths

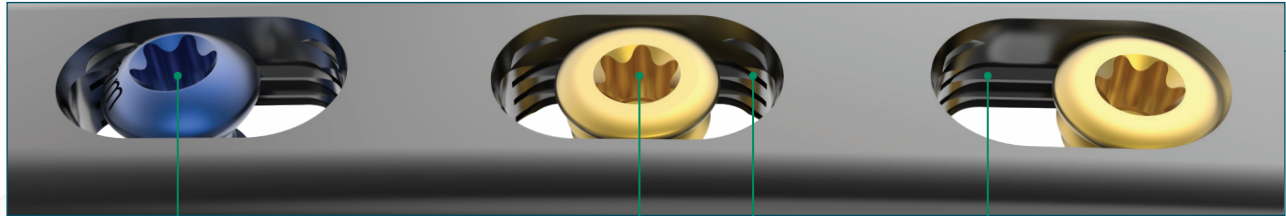
4.5mm FREEFIX® Locking

14mm - 34mm lengths



Designed with flexibility in mind

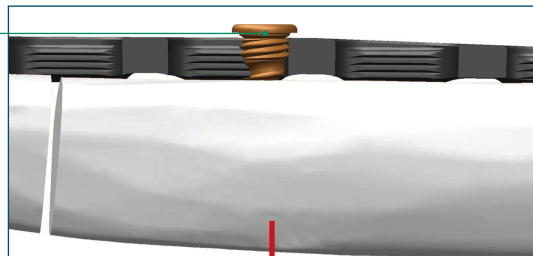
FREEFIX® technology allows the fracture to dictate screw placement



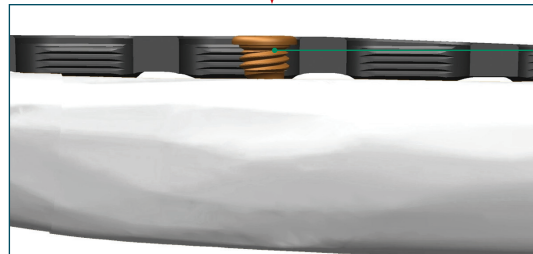
Both compression and locking screws can be inserted in any position in FREEFIX® slots

Patented horizontal thread pattern allows dynamic compression with locking screws

Head of the eccentrically placed screw engages the plate, compressing the fracture



Locking screw engages the patented, horizontal threads, locking the screw into the plate



Callomimetic design mimics callus formation

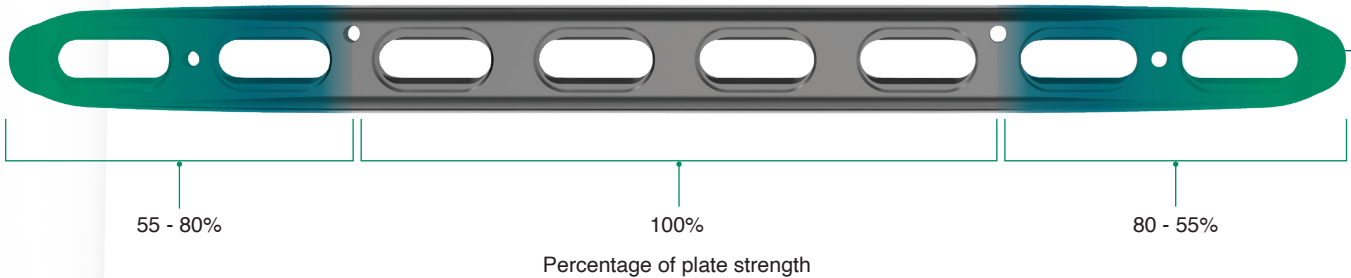


Plate strength is decreased over the length of the plate to address stress shielding



Optimizing the olecranon osteotomy

Olecranon plate and osteotomy guide



Align and secure the osteotomy guide to bisect the olecranon screw holes.



Optimal placement of the chevron osteotomy.



Secure fixation of osteotomy site via olecranon plate, home run screw and interfragmentary compression.

PROTEAN® fragment plates for adjunctive fixation

Vertical Plane



20° PER NODE

Horizontal Plane



5° PER NODE

Transverse Plane



30° PER NODE



Double Hockey Stick



Y - Straight





skeletal dynamics[®]
UNDERSTANDING THE UPPER EXTREMITY

