

# REVOLUTION

EXTERNAL PLATING SYSTEM



THINK OUTSIDE  
THE CIRCLE

POSTERIOR FREEDOM

INFINITE POSSIBILITIES

STRENGTH & COMFORT

meta|ogix

MKT-0001-0009



# Posterior Freedom

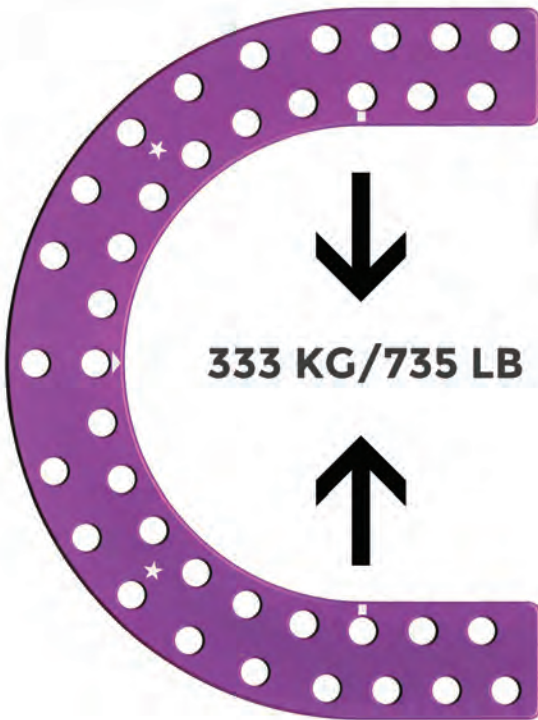
## OPEN POSTERIOR DESIGN

- innovative design allows for strength AND comfort
- patented first open posterior design concept
- better limb access for surgeon and hospital staff
- reduces swelling complications
- allows the use of smaller plates for more stability
- rapid assembly due to speed components
- rapid removal



# Is it strong enough?

In testing, the largest n-Plate (220 mm) withstood 333 kg (735 lbs) of lateral force with minimal deflection.\*



Welded Modules:

Reduces assembly time and provides superior strength in medial/lateral compression, which withstood **OVER 585 KG/1289 LB** of lateral force before deformation.

\* 220mm plate mechanical properties were tested under static in-plane compression in accordance with FDA requirement ASTM F1541, Annex 3. n-Plate passed the test at 333 Kg (735 lb) of force with 22mm of deflection

# Multiple Frame Constructs

From trauma to deformity and all stability in between  
The Revolution External Plating System can be used  
on all long bones, as well as hand and foot.  
Welded, stacked and cascade modules allow for  
easy assembly and stable fixation to the limb.



## Blunt Tip Pin



## Self Drilling Tip Pin



## Steinmann Pin



## Smooth Wire



## Truss Wire



## Cold Forged Wire Tips

The patented Revolution Cold Forged Tip allows the wire to hold a cutting edge, which may reduce thermal necrosis. Additionally, the wires are designed with a drill/flute configuration for easier insertion.

In testing, the Cold Forged Tip kept a precision sharpness *OVER 50 USES*. \*

\* We tested our cold forged wire tip on 1 inch white oak plank for sharpness retention and heat generation.

# Super Struts

The Revolution 180-Degree Lockable Swivel Struts give the surgeon the ability to attach one plate to another at any reasonable angle needed to fit the limb.



# Revolution Connecting Components

Standard nuts, wing nuts, spherical nuts, counter nuts, nylon insert nuts and speed nuts are designed to help the surgeon with quicker and easier frame assembly.



# Swivel Head Wire Tensioner

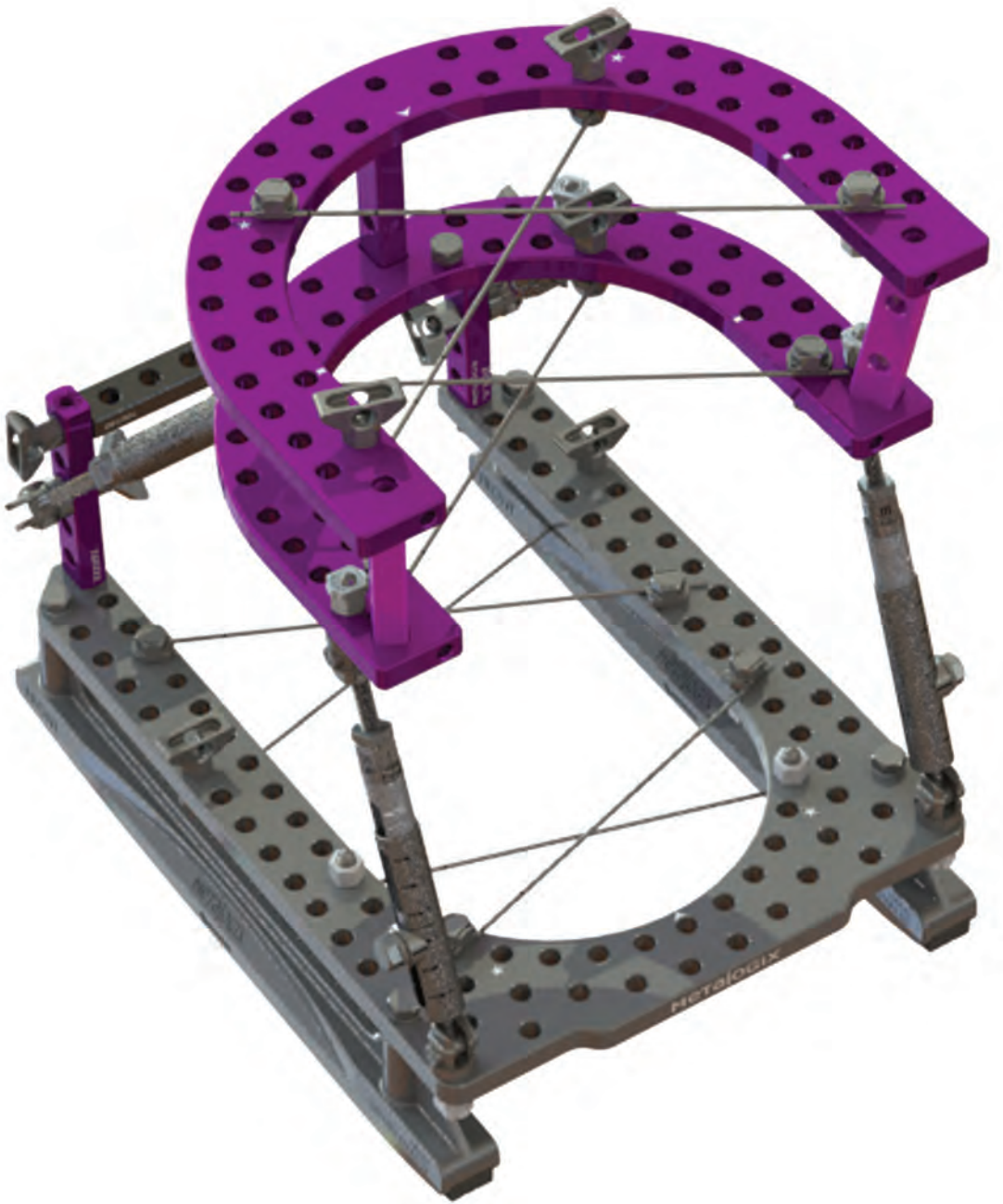
The Revolution Tensioner is set up with a swivel bar that allows easy wire tensioning at any angle on the plate. The tensioner does not deviate to one side when the wire is tensioned at an angle.



## Plates

The Revolution n-Plate, c-Plate, j-Plate and i-Plate give the surgeon a unique, easy way to affix a frame to the limb.





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