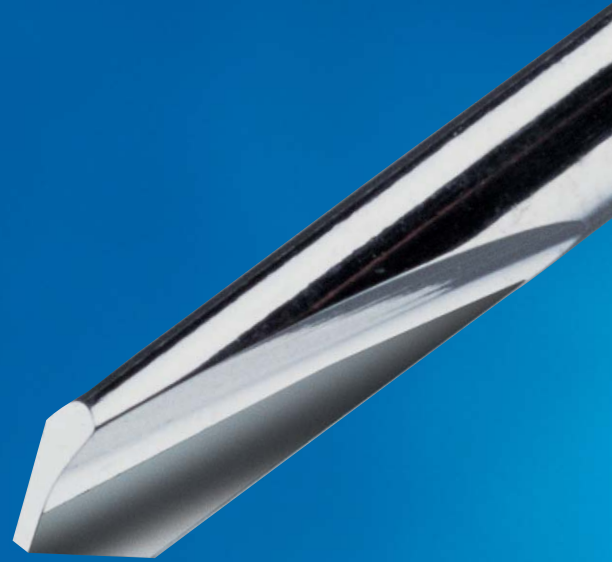


# DETAILS

are what we do



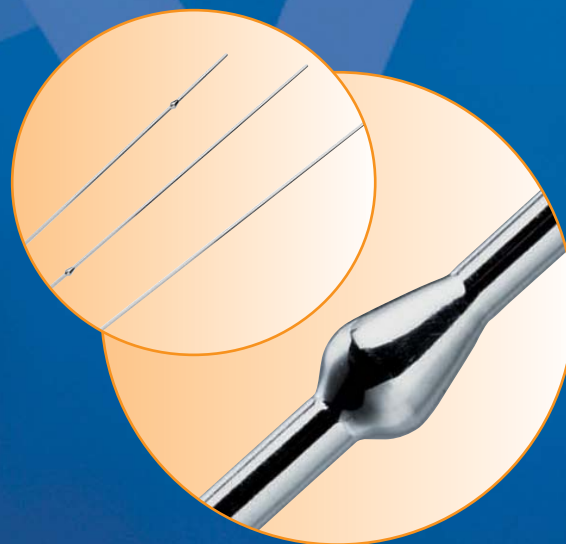
**Xwire**

Details make the difference between mediocre and magnificent. The new XWire from Orthofix has a unique helicoidal tip design that has been demonstrated to improve performance. Performance is managing the details.

**Details are what we do.**

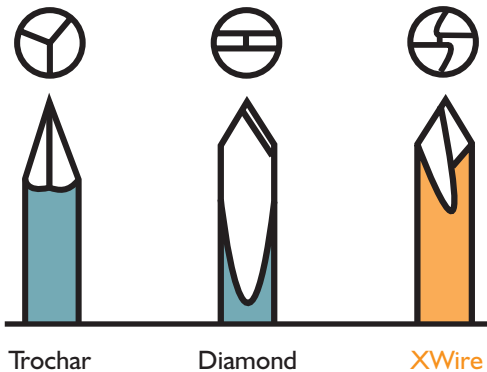
- Reduced temperature
- Improved accuracy
- Easier wire insertion
- Maintained tip sharpness
- Improved insertion point holding

- Various olive wire designs
- Lateral olive design is synergistic with the XCaliber Hybrid or Sheffield Ring Fixator clamp design



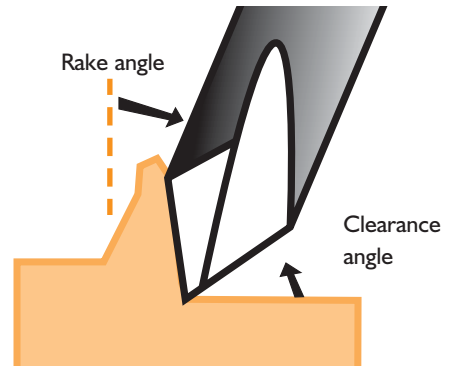
Unique Helicoidal Tip Design

Wire Tip Configurations



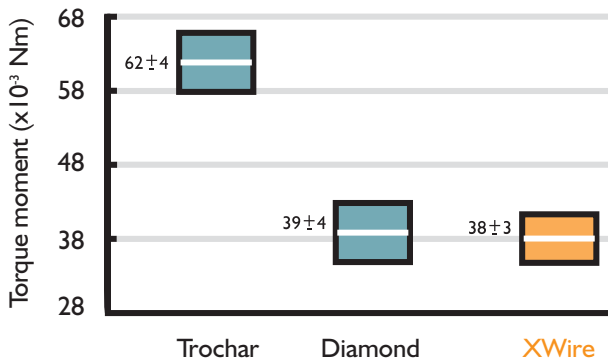
Improved Insertion Point Holding

XWire Rake Angle and Clearance Angle



Accurate And Easier Wire Insertion

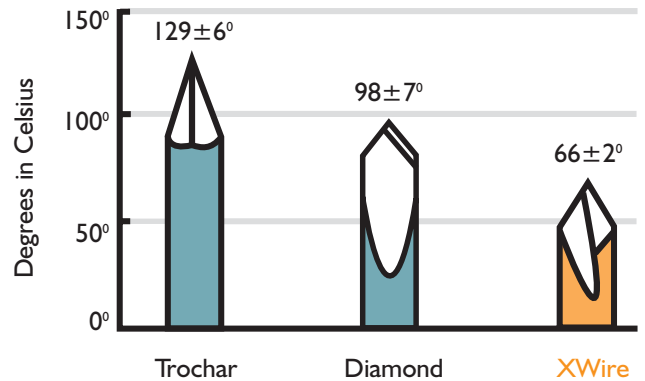
Torque Moment



Multiplex box-whisker plots and mean ±SD for the torque moments. Drilling conditions: drill speed n=280 rev/min, feed rate f=0.1 mm/rev.

Maintained Tip Sharpness Reduces Temperature

Temperature Elevation



Graph showing the temperature elevation for different K-wire tips when drilling into pig cortical bone over 35 seconds (drill speed n=280 rev/min, feed rate f=0.1 mm/rev).

Ordering Information

Part #	Description
11014	X-WIRE, 1.5 X 250MM, NO OLIVE
11146	X-WIRE, 2 X 150 MM, NO OLIVE
80101	X-WIRE, 2 X 310MM, LATERAL OLIVE
80111	X-WIRE, 2 X 350MM, LATERAL OLIVE
80112	X-WIRE, 2 X 400MM, LATERAL OLIVE
80121	X-WIRE, 2 X 400MM, CENTRAL OLIVE
80122	X-WIRE, 2 X 400MM, NO OLIVE
80123	X-WIRE, 2 X 450MM, CENTRAL OLIVE
80124	X-WIRE, 2 X 450MM, NO OLIVE

Figures above redrawn with permission from:

**Piska, M., Yang, L., Reed M., Saleh, M.** Drilling efficiency and temperature elevation of three types of Kirchner-wire point; *JBS* 2002;84-B, 137-140