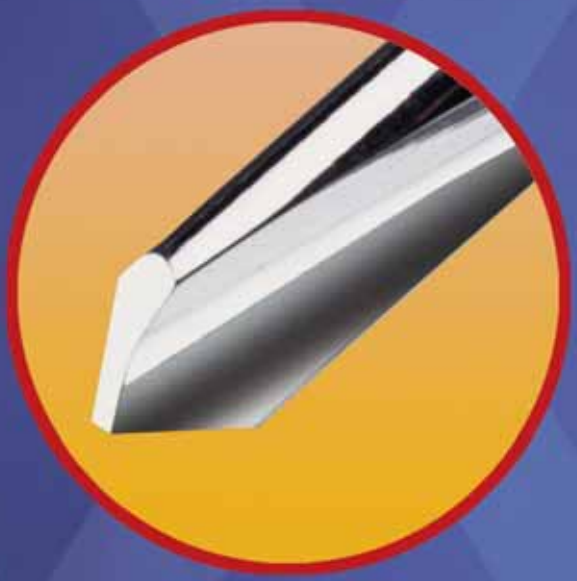
X WIRE

DETAILS
are what we do

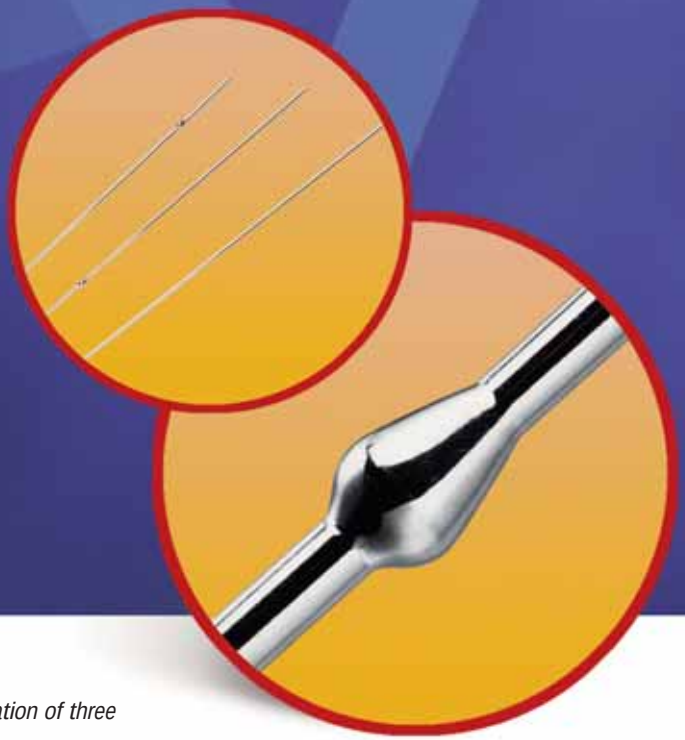


- Reduced temperature
- Improved accuracy
- Easier wire insertion
- Maintained tip sharpness
- Improved insertion point holding

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.



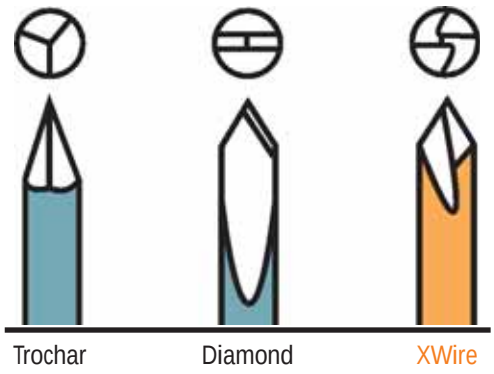
- Various olive wire designs
- Lateral olive design is synergistic with the XCaliber Hybrid or Sheffield Ring Fixator clamp design

Data from:
Piska, M., Yang, L., Reed M., Saleh, M. Drilling efficiency and temperature elevation of three types of Kirschner-wire point; JBJS 2002; 84-B, 137-140

ORTHOFIX®

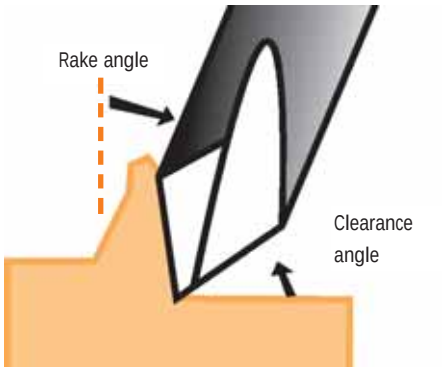
Unique Helicoidal Tip Design

Wire Tip Configurations



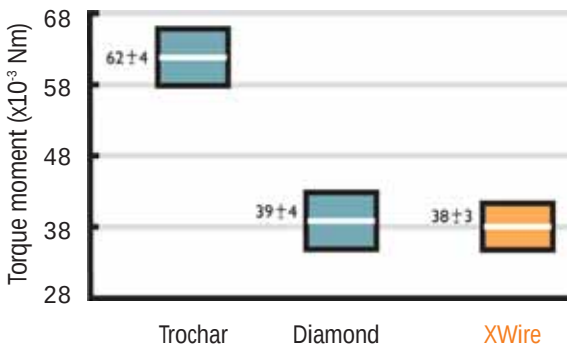
Improved Insertion Point Holding

XWire Rake Angle and Clearance Angle



Accurate And Easier Wire Insertion

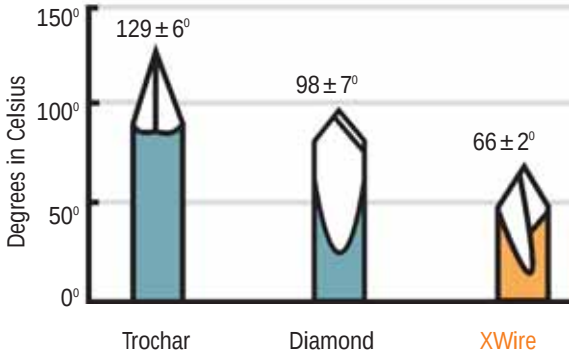
Torque Moment



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).

Figures above redrawn with permission from:
Piska, M., Yang, L., Reed M., Saleh, M. Drilling efficiency and temperature elevation of three types of Kirschner-wire point; JBJS 2002;84-B, 137-140

Ordering Information	
Part #	Description
11014	X-WIRE, 1.5 X 250 MM, NO OLIVE
11146	X-WIRE, 2 X 150 MM, NO OLIVE
80101	X-WIRE, 2 X 310 MM, LATERAL OLIVE
80111	X-WIRE, 2 X 350 MM, LATERAL OLIVE
80112	X-WIRE, 2 X 400 MM, LATERAL OLIVE
80121	X-WIRE, 2 X 400 MM, CENTRAL OLIVE
80122	X-WIRE, 2 X 400 MM, NO OLIVE
80123	X-WIRE, 2 X 450 MM, CENTRAL OLIVE
80124	X-WIRE, 2 X 450 MM, NO OLIVE
80131	X-WIRE, 1.8 X 400 MM, CENTRAL OLIVE
80132	X-WIRE, 1.8 X 400 MM, NO OLIVE

CE 0123

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