HOLD TIGHT
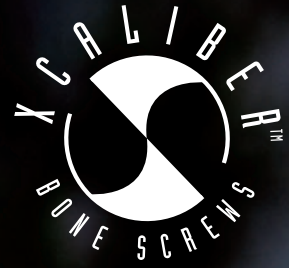
XCALIBER™ BONE SCREWS

Having conquered the challenge of a strong pin bone interface with our OsteoTite HA coating, Orthofix has reached new heights with the XCaliber™ Bone Screw.

We have optimized the thread and tip design to secure fixation in cortical, cancellous and osteoporotic bone until healing.

Always innovating means always challenging yourself.

ORTHOFIX®

What's your definition of the perfect bone screw?

• Fine pitch thread design: improves purchase in cortical, cancellous and osteoporotic bone[1,2]

• Designed so that each thread cuts its own path, producing a radial preload as the thread advances

• Optimized thread taper and profile: for backing out a few turns if the bone screw is over-inserted

• Innovative fluted cutting tip: safe drilling with minimal heat generation, without sacrificing bone purchase in the second cortex

XCaliber
Bone Screw

XCaliber OsteoTite
Bone Screw

The complete range of XCaliber Bone Screws

The set comprises only 14 sizes: 150 and 260 mm cut-to-length shafts, each available in seven thread lengths.

XCaliber Bone Screw (shaft diameter 6 mm, thread diameter 6–5.6 mm)

Total length (mm)	Thread length (mm)						
	30	40	50	60	70	80	90
150	99-911530	99-911540	99-911550	99-911560	99-911570	99-911580	99-911590
260	99-912630	99-912640	99-912650	99-912660	99-912670	99-912680	99-912690

Packaged Sterile

XCaliber OsteoTite Screw (shaft diameter 6 mm, thread diameter 6–5.6 mm)

Total length (mm)	Thread length (mm)						
	30	40	50	60	70	80	90
150	99-611530	99-611540	99-611550	99-611560	99-611570	99-611580	99-611590
260	99-612630	99-612640	99-612650	99-612660	99-612670	99-612680	99-612690

Packaged Sterile

XCaliber Bone Screws are also available packaged non-sterile. They can be ordered using the above code numbers without 99- (e.g. 99-911530).

XCaliber Instruments

Bone Screw Cutter	91101
Hand Drill	91120
Ruler	91125
Universal T-Wrench	91150

1. Moroni, A., et al. "Improvement of the Bone-Pin Interface Strength in Osteoporotic Bone With Use of Hydroxyapatite-Coated Tapered External-Fixation Pins." JBJS; Vol. 83-A No. 5 (2001)
2. Lawes, T.J., and A.E. Goodship. "Cortical Profile External Fixation Screws Maintain Torque in the Metaphysis." JBJS; Vol. 79-B: Supp III (1997)

Deformity Correction | Trauma | Pediatrics | Bone Growth Stimulation