

# Spare more bone.

As an ultrasonic instrument, BoneScalpel is 66.67%\* less destructive to bone than your current drill.

WHY LEADING SPINE SURGEONS HAVE SWITCHED TO BONESCALPEL FOR BETTER OUTCOMES.



## CONSISTENCY

*“Surgery after surgery, BoneScalpel performs elegantly, reducing complications, blood loss and damage to tissue and nerves. I use it for every spinal deformity case.”*

**Suken Shah**

Nemours/Alfred I. duPont  
Hospital for Children



## PRECISION

*“In osteotomies throughout the spine, mechanical tools pose a greater risk where BoneScalpel safely and elegantly performs. Less trauma to tissue. More ergonomic. Less painful on my hands.”*

**Paul Holman**

Houston Methodist Hospital



## EFFICIENCY

*“The BoneScalpel is a vital instrument for spinal surgeons. The efficiency and precision it offers translates into reduced operating times, preservation of healthy bone and minimizing bleeding during routine and complex spinal procedures.”*

**Isador Lieberman**

Texas Back Institute

— **Feel it to Believe it.** —







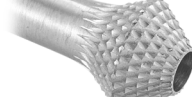
\* Bone graft material reduction as a result of using The BoneScalpel® in posterior lumbar fusions. The 66.6% reduction in bone destruction is due to the differential in thickness of the cutting devices. The 20mm BoneScalpel Blade is 1mm thick vs. a standard matchstick burr, which is 3mm in diameter.<sup>1</sup>

1. Jensen WK. Misonix: Use of the BoneScalpel® in posterior lumbar fusions decreases the amount of allograft needed for fusion, thus reducing costs. [poster]. NASS 32nd Annual Meeting. 2017.

Once you demo BoneScalpel, you'll experience what true confidence in an instrument feels like.  
Contact your local Misonix representative or call us directly at [demo@misonix.com](mailto:demo@misonix.com).

# BoneScalpel Tip Selection Guide



Tip	Part #	Approach	Purpose
	<b>110-31-1110</b> Working Length* = 34 mm	<b>Open</b>	<b>Osteotomy En-Bloc Resection Bone Cutting</b>
10mm Blade, Blunt .5 x 5 mm	<b>110-31-2110</b> Working Length* = 100 mm	<b>Mini-Open/MIS</b>	
	<b>110-31-1120</b> Working Length* = 40 mm	<b>Open</b>	
20mm Blade, Blunt 1.0 x 6.4 mm	<b>110-31-2120</b> Working Length* = 100 mm	<b>Mini-Open/MIS</b>	
	<b>110-31-1125</b> Working Length* = 45 mm	<b>Open</b>	
25mm Blade, Blunt 1.0 x 6.4 mm			
	<b>110-31-1121</b> Working Length* = 40 mm	<b>Open</b>	
20mm Blade, Serrated 1.0 x 6.4 mm			
	<b>110-31-1210</b> Working Length* = 59 mm	<b>Open</b>	<b>Bone Shaving Bone Sculpting Bone Removal Decompression</b>
Micro Hook Shaver 1.3 x 1.8 mm	<b>110-31-2210</b> Working Length* = 140 mm	<b>Mini-Open/MIS</b>	
	<b>110-31-1220</b> Working Length* = 50 mm	<b>Open</b>	
Macro Hook Shaver 2.2 x 3.0 mm			
	<b>110-31-1230</b> Working Length* = 34 mm	<b>Open</b>	<b>360° Bone Shaving &amp; Bone Shaping Decompression Gross Resection</b>
Diamond Shaver 4.4 mm			

If you would like more information or would like to evaluate BoneScalpel, please contact us at +1.631.694.9555

\*Approximate distance from typical index finger placement to end of probe using BoneScalpel Handpiece(100-21-0001)

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