

Ultra-Tool International

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<https://www.ultra-tool.com/>**ULTRATOOL®****Edp # 45511TA****\$123.10****453L 8.86mm - 9.64mm Ø LH Spiral****Long Length Steel Shank Carbide****Head Reamer TiAlN**

Tool	
Series	453L
Diameter	8.86mm - 9.64mm
Length of Cut	38mm
Overall Length	178mm
Shank	8.0mm
Flutes	6
Flute Style	LH Spiral RH Cut
Helix	12°
Lead Chamfer	45°
Coating	TA - TiAlN
System of Measurement	Metric
Tolerance	
Diameter	+ .005mm / - .000mm
Shank	+ .013mm / - .013mm

https://www.ultra-tool.com/index.php?route=product/product&product_id=22407