

Ultra-Tool International

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<https://www.ultra-tool.com/>**ULTRATOOL®****Edp # 45414TA****\$156.30****453R 11.22mm - 12.00mm Ø RH****Spiral Long Length Steel Shank****Carbide Head Reamer TiAlN**

Tool	
Series	453R
Diameter	11.22mm - 12.00mm
Length of Cut	44mm
Overall Length	203mm
Shank	10.0mm
Flutes	6
Flute Style	RH Spiral RH Cut
Helix	12°
Lead Chamfer	45°
Coating	TA - TiAlN
System of Measurement	Metric
Tolerance	
Diameter	+0.0002 / -0.0000
Shank	+0.0005 / -0.0005

https://www.ultra-tool.com/index.php?route=product/product&product_id=22329