

**Ultra-Tool International**

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<https://www.ultra-tool.com/>**ULTRATOOL®****Edp # 45415TA****\$165.40****453R 12.01mm - 12.84mm Ø RH****Spiral Long Length Steel Shank****Carbide Head Reamer TiAlN**

<b>Tool</b>	
Series	453R
Diameter	12.01mm - 12.84mm
Length of Cut	44mm
Overall Length	203mm
Shank	11.0mm
Flutes	6
Flute Style	RH Spiral RH Cut
Helix	12°
Lead Chamfer	45°
Coating	TA - TiAlN
System of Measurement	Metric
<b>Tolerance</b>	
Diameter	+ .005mm / - .000mm
Shank	+ .013mm / - .013mm

[https://www.ultra-tool.com/index.php?route=product/product&product\\_id=22330](https://www.ultra-tool.com/index.php?route=product/product&product_id=22330)