

**Ultra-Tool International**

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<https://www.ultra-tool.com/>**ULTRATOOL®****Edp # 45424TA****\$421.60****453R 22.41mm - 23.16mm Ø RH****Spiral Long Length Steel Shank****Carbide Head Reamer TiAlN**

<b>Tool</b>	
Series	453R
Diameter	22.41mm - 23.16mm
Length of Cut	51mm
Overall Length	254mm
Shank	18.0mm
Flutes	8
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=22340](https://www.ultra-tool.com/index.php?route=product/product&product_id=22340)