

**Ultra-Tool International**

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<https://www.ultra-tool.com/>**ULTRATOOL®****Edp # 45320TA****\$345.40****453 19.21mm - 19.99mm Ø Straight****Flute Long Length Steel Shank****Carbide Head Reamer TiAlN**

<b>Tool</b>	
Series	453
Diameter	19.21mm - 19.99mm
Length of Cut	51mm
Overall Length	254mm
Shank	15.0mm
Flutes	8
Flute Style	Straight RH Cut
Helix	0°
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=22293](https://www.ultra-tool.com/index.php?route=product/product&product_id=22293)