

**Ultra-Tool International**

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<https://www.ultra-tool.com/>**ULTRATOOL®****Edp # 45059TA****\$185.80****450 14.0mm Ø Straight Flute Long  
Length Steel Shank Carbide Head  
Reamer TiAlN**

Tool	
Series	450
Diameter	14.0mm
Length of Cut	47mm
Overall Length	228mm
Shank	12.0mm
Flutes	6
Flute Style	Straight RH Cut
Helix	0°
Lead Chamfer	45°
Coating	TA - TiAlN
System of Measurement	Metric
Tolerance	
Diameter	+ .005mm / - .000mm
Shank	+ .013mm / - .013mm

