

**Ultra-Tool International**

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<https://www.ultra-tool.com/>**ULTRATOOL®****Edp # 45057TA****\$144.70****450 11.0mm Ø Straight Flute Long  
Length Steel Shank Carbide Head  
Reamer TiAlN**

Tool	
Series	450
Diameter	11.0mm
Length of Cut	44mm
Overall Length	178mm
Shank	9.5mm
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

