

Ultra-Tool International

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<https://www.ultra-tool.com/>**ULTRATOOL®****Edp # 45322TA****\$358.60****453 20.81mm - 21.59mm Ø Straight****Flute Long Length Steel Shank****Carbide Head Reamer TiAlN**

| Tool | |
|-----------------------|---------------------|
| Series | 453 |
| Diameter | 20.81mm - 21.59mm |
| Length of Cut | 51mm |
| Overall Length | 254mm |
| Shank | 18.0mm |
| Flutes | 8 |
| Flute Style | Straight RH Cut |
| Helix | 0° |
| Lead Chamfer | 45° |
| Coating | TA - TiAlN |
| System of Measurement | Metric |
| Tolerance | |
| Diameter | + .005mm / - .000mm |
| Shank | + .013mm / - .013mm |

https://www.ultra-tool.com/index.php?route=product/product&product_id=22295