

Ultra-Tool International

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<https://www.ultra-tool.com/>**ULTRATOOL®****Edp # 45501****\$45.20****453L 2.81mm - 3.26mm Ø LH Spiral****Long Length Steel Shank Carbide****Head Reamer**

| Tool | |
|-----------------------|---------------------|
| Series | 453L |
| Diameter | 2.81mm - 3.26mm |
| Length of Cut | 22mm |
| Overall Length | 89mm |
| Shank | 2.5mm |
| Flutes | 4 |
| Flute Style | LH Spiral RH Cut |
| Helix | 12° |
| Lead Chamfer | 45° |
| Coating | UC - Uncoated |
| System of Measurement | Metric |
| Tolerance | |
| Diameter | + .005mm / - .000mm |
| Shank | + .013mm / - .013mm |

https://www.ultra-tool.com/index.php?route=product/product&product_id=5691