

DBF

TRICONE DRILL BIT

5 T25 UT522

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|-----------------------------|--------------|
| Diameter: | 127.0mm (5") |
| IADC Code: | 523CY |
| Design number: | UT522 |
| State standard designation: | M3-ЦН |

Specification

| | |
|--|-----------------|
| Gradient angle of axle journal | 33° |
| Axle journal offset relative to drill bit axis | 0.00 mm |
| Bearing type | Journal bearing |
| Sealing | None |
| Total number of inserts (inner/heel row) | 79 (45/34) |
| Total number of insert rows (inner/heel row) | 10 (7/3) |
| Number of changeable nozzles | 0 |
| Connecting thread | 3-76 yk. (-) |
| Drill bit net weight, kg | 6.30 |
| Drill bit gross weight, kg | 7.80 |

Purpose

The drill bit is designed for drilling soft abrasive formations

Recommended Drilling Conditions

| | |
|----------------|-------------------------------|
| Rotation speed | 300-40 rpm |
| Thrust load | 4.00-10.00 t (8800-22000 lbs) |

The lower level of rotation speed value corresponds the upper level of thrust load value and vice versa

Design Features

