

DBF

TRICONE DRILL BIT

20 G1 UT353

| | |
|-----------------------------|---------------|
| Diameter: | 508.0mm (20") |
| IADC Code: | 115 |
| Design number: | UT353 |
| State standard designation: | M-ЦГВУ |

Specification

| | |
|--|-------------------|
| Gradient angle of axle journal | 33° |
| Axle journal offset relative to drill bit axis | 12.00 mm |
| Bearing type | Roller bearing |
| Sealing | Elastomer |
| Total number of inserts (inner/heel row) | 70 (36/34) |
| Total number of insert rows (inner/heel row) | 8 (5/3) |
| Number of changeable nozzles | 4 |
| Connecting thread | 3-177 (7 5/8 REG) |
| Drill bit net weight, kg | 240.00 |
| Drill bit gross weight, kg | 264.00 |

Purpose

The drill bit is designed for drilling soft formations

Recommended Drilling Conditions

| | |
|----------------|---------------------------------|
| Rotation speed | 300-40 rpm |
| Thrust load | 15.00-31.00 t (33000-68200 lbs) |

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

Design Features

