



TRICONE DRILL BIT

8 1/2 RS35 UT370

| | |
|-----------------------------|------------------|
| Diameter: | 215.9mm (8 1/2") |
| IADC Code: | 545X |
| Design number: | UT370 |
| State standard designation: | C3-ЦГВУ |

Specification

| | |
|--|-------------------|
| Gradient angle of axle journal | 33° |
| Axle journal offset relative to drill bit axis | 4.80 mm |
| Bearing type | Roller bearing |
| Sealing | Elastomer |
| Total number of inserts (inner/heel row) | 121 (81/40) |
| Total number of insert rows (inner/heel row) | 12 (9/3) |
| Number of changeable nozzles | 4 |
| Connecting thread | 3-117 (4 1/2 REG) |
| Drill bit net weight, kg | 39.00 |
| Drill bit gross weight, kg | 40.50 |

Purpose

The drill bit is designed for drilling medium hard abrasive formations

Recommended Drilling Conditions

| | |
|----------------|--------------------------------|
| Rotation speed | 300-40 rpm |
| Thrust load | 7.00-16.00 t (15400-35200 lbs) |

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

Design Features

