



# 4 3/4 T4 UT14

|                             |                  |
|-----------------------------|------------------|
| Diameter:                   | 120.6mm (4 3/4") |
| IADC Code:                  | 211C             |
| Design number:              | UT14             |
| State standard designation: | C-ЦН             |

## Specification

|  |                |
|--|----------------|
| Gradient angle of axle journal                 | 36°            |
| Axle journal offset relative to drill bit axis | 2.00 mm        |
| Bearing type                                   | Roller bearing |
| Sealing  | None           |
| Total number of inserts (inner/heel row)       | 68 (31/37)     |
| Total number of insert rows (inner/heel row)   | 7 (4/3)        |
| Number of changeable nozzles                   | 0              |
| Connecting thread                              | 3-76 yk. (-)   |
| Drill bit net weight, kg                       | 5.80           |
| Drill bit gross weight, kg                     | 6.30           |

## Purpose

The drill bit is designed for drilling medium hard formations

## Recommended Drilling Conditions

|                |                              |
|----------------|------------------------------|
| Rotation speed | 300-40 rpm                   |
| Thrust load    | 4.00-9.00 t (8800-19800 lbs) |

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

## Design Features

