



# 5 7/8 R4 UT145

|                             |                  |
|-----------------------------|------------------|
| Diameter:                   | 149.2mm (5 7/8") |
| IADC Code:                  | 211              |
| Design number:              | UT145            |
| State standard designation: | C-ГН             |

## 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                   | 3                |
| Connecting thread                              | 3-88 (3 1/2 REG) |
| Drill bit net weight, kg                       | 13.70            |
| Drill bit gross weight, kg                     | 14.50            |

## Purpose

The drill bit is designed for drilling medium hard formations

## Recommended Drilling Conditions

|                |                                |
|----------------|--------------------------------|
| Rotation speed | 300-40 rpm                     |
| Thrust load    | 5.00-12.00 t (11000-26400 lbs) |

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

## Design Features

