



## 11 5/8 FS4 UT301

|                             |                   |
|-----------------------------|-------------------|
| Diameter:                   | 295.3mm (11 5/8") |
| IADC Code:                  | 217               |
| Design number:              | UT301             |
| State standard designation: | C-ЦГАУ            |

### Specification

|                                                |                   |
|------------------------------------------------|-------------------|
| Gradient angle of axle journal                 | 33°               |
| Axle journal offset relative to drill bit axis | 5.60 mm           |
| Bearing type                                   | Journal bearing   |
| Sealing                                        | Elastomer         |
| Total number of inserts (inner/heel row)       | 129 (73/56)       |
| Total number of insert rows (inner/heel row)   | 10 (7/3)          |
| Number of changeable nozzles                   | 4                 |
| Connecting thread                              | 3-152 (6 5/8 REG) |
| Drill bit net weight, kg                       | 81.00             |
| Drill bit gross weight, kg                     | 83.80             |

### Purpose

The drill bit is designed for drilling medium hard formations

### Recommended Drilling Conditions

|                |                                 |
|----------------|---------------------------------|
| Rotation speed | 180-40 rpm                      |
| Thrust load    | 13.00-27.00 t (28600-59400 lbs) |

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

### Design Features

