



## 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

