



8 1/2 RS00 UT459

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| Diameter: | 215.9mm (8 1/2") |
| IADC Code: | 415X |
| Design number: | UT459 |
| State standard designation: | M3-ЦГНУ |

Specification

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|--|-------------------|
| Gradient angle of axle journal | 33° |
| Axle journal offset relative to drill bit axis | 7.90 mm |
| Bearing type | Roller bearing |
| Sealing | Elastomer |
| Total number of inserts (inner/heel row) | 73 (37/36) |
| Total number of insert rows (inner/heel row) | 9 (6/3) |
| Number of changeable nozzles | 4 |
| Connecting thread | 3-117 (4 1/2 REG) |
| Drill bit net weight, kg | 37.10 |
| Drill bit gross weight, kg | 38.60 |

Purpose

The drill bit is designed for drilling soft abrasive formations

Recommended Drilling Conditions

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|----------------|-------------------------------|
| Rotation speed | 200-40 rpm |
| Thrust load | 4.00-10.50 t (8800-23100 lbs) |

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

Design Features

