



10 5/8 RS4 UT173

Diameter:	269.9mm (10 5/8")
IADC Code:	214
Design number:	UT173
State standard designation:	C-ЦГНУ

Specification

Gradient angle of axle journal	36°
Axle journal offset relative to drill bit axis	5.00 mm
Bearing type	Roller bearing
Sealing	Elastomer
Total number of inserts (inner/heel row)	133 (90/43)
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	68.50
Drill bit gross weight, kg	70.90



Purpose

The drill bit is designed for drilling medium hard formations

Recommended Drilling Conditions

Rotation speed	300-40 rpm
Thrust load	9.00-20.00 t (19800-44000 lbs)

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

Design Features

Combinded circulation (central and side)

The leg shirttail is hardfaced with tungsten carbide

The tungsten carbide inserts of the cones are coated with tungsten carbide

