



7 1/2 R35 UT65

Diameter:	190.5mm (7 1/2")
IADC Code:	543X
Design number:	UT65
State standard designation:	C3-ГВ

Specification

Gradient angle of axle journal	35°
Axle journal offset relative to drill bit axis	3.30 mm
Bearing type	Roller bearing
Sealing	None
Total number of inserts (inner/heel row)	102 (63/39)
Total number of insert rows (inner/heel row)	11 (8/3)
Number of changeable nozzles	3
Connecting thread	3-117 (4 1/2 REG)
Drill bit net weight, kg	37.00
Drill bit gross weight, kg	38.50

Purpose

The drill bit is designed for drilling medium hard abrasive formations

Recommended Drilling Conditions

Rotation speed	600-40 rpm
Thrust load	6.00-16.00 t (13200-35200 lbs)

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

Design Features

Lateral flushing, through hydromonitor nozzles

The shirttail and leg entering edge are hardfaced with tungsten carbide

Tungsten carbide inserts on cone gages

