



DBF

TRICONE DRILL BIT

11 5/8 RS35 UT59

Diameter:	295.3mm (11 5/8")
IADC Code:	545X
Design number:	UT59
State standard designation:	C3-ГВУ

Specification

Gradient angle of axle journal	36°
Axle journal offset relative to drill bit axis	3.18 mm
Bearing type	Roller bearing
Sealing	Elastomer
Total number of inserts (inner/heel row)	159 (111/48)
Total number of insert rows (inner/heel row)	14 (11/3)
Number of changeable nozzles	3
Connecting thread	3-152 (6 5/8 REG)
Drill bit net weight, kg	83.70
Drill bit gross weight, kg	86.50



Purpose

The drill bit is designed for drilling medium hard abrasive formations

Recommended Drilling Conditions

Rotation speed	300-40 rpm
Thrust load	6.00-21.00 t (13200-46200 lbs)

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

Design Features

Lateral flushing. 3 hydromonitor nozzles

Leg shirrtail is protected with tungsten carbides

Carbide inserts on the reverse cone of the cones

