



8 1/2 RS45 UT277

Diameter:	215.9mm (8 1/2")
IADC Code:	625X
Design number:	UT277
State standard designation:	T3-ЦГВУ

Specification

Gradient angle of axle journal	36°
Axle journal offset relative to drill bit axis	0.50 mm
Bearing type	Roller bearing
Sealing	Elastomer
Total number of inserts (inner/heel row)	140 (83/57)
Total number of insert rows (inner/heel row)	11 (8/3)
Number of changeable nozzles	4
Connecting thread	3-117 (4 1/2 REG)
Drill bit net weight, kg	37.30
Drill bit gross weight, kg	38.80

Purpose

The drill bit is designed for drilling hard abrasive 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

