



**9 7/8 M65 T27Б**

<b>Diameter:</b>	<b>250.8mm (9 7/8")</b>
<b>IADC Code:</b>	<b>632Y</b>
<b>Design number:</b>	<b>T27Б</b>
<b>State standard designation:</b>	<b>TK3-ПГВ</b>

### Specification

Gradient angle of axle journal	36°
Axle journal offset relative to drill bit axis	0.50 mm
Bearing type	Roller bearing
Sealing	None
Total number of inserts (inner/heel row)	150 (97/53)
Total number of insert rows (inner/heel row)	12 (9/3)
Number of changeable nozzles	3
Connecting thread	3-121 yk. (-)
Drill bit net weight, kg	50.00
Drill bit gross weight, kg	52.40

### Purpose

The drill bit is designed for drilling hard abrasive formations with hard streaks

### Recommended Drilling Conditions

Rotation speed	115-60 rpm
Thrust load	8.00-21.00 t (17600-46200 lbs)

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

### Design Features

