

# Robit®

## 9 7/8" (251 mm) M642 ROTARY BIT

- Blunt conical on gage row
- Full shirrtail protection for hard & very abrasive formations
- Double row gage protection with spherical Inserts
- Hard facing on cone OD profile to minimize steel erosion



## Technical Specification

# Robit® 9 7/8" (251 mm) M642 ROTARY BIT

Designed with optimum cutting structure and robust bearing technology to deliver maximum performance.

### Specifications

<b>Product No.</b>	<b>M642</b>
Size / Type	9 7/8" (251 mm)
IADC	6-4-2
Pin Connection	6 5/8 API Regular
Bearing	Open Bearing
Circulation type	Jet
Product weight	57 kg
Nozzle	3 x Side jet
Cutting structure	TCI
Rows	3 - Gauge / 10 - Inner
Insert count	58 - Gauge / 116 - Inner
Gauge inserts	Blunt Conical
Inner inserts	Conical
Shirrtail protection	Full
Shirrtail insert	Spherical

### Operating parameters

Ref	Description
Weight on Bit	39,500 – 69,000 lbs
Rotary Speed	50 – 120 RPM
Rock UCS	30,000 - 46,000 PSI

