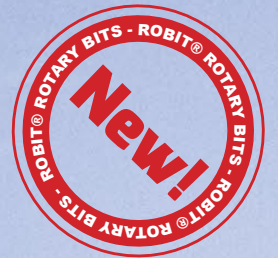


# Robit®

## 12 1/4" (311 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® 12¼" (311 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	12¼" (311 mm)
IADC	6-4-2
Pin Connection	6⅝ API Regular
Bearing	Open Bearing
Circulation type	Jet
Product weight	95 kg
Nozzle	3 x Side jet
Cutting structure	TCl
Rows	3 - Gauge / 11 - Inner
Insert count	56 - Gauge / 127 - Inner
Gauge inserts	Conical
Inner inserts	Conical
Shirrtail protection	Full
Shirrtail insert	Spherical

### Operating parameters

Ref	Description
Weight on Bit	49,000 – 85,500 lbs
Rotary Speed	50 – 120 RPM
Rock UCS	30,000 - 47,500 PSI

