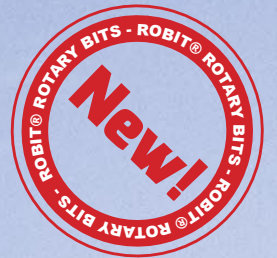


# Robit®

## 10<sup>5</sup>/<sub>8</sub>" (270 mm) M645 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® 10<sup>5</sup>/<sub>8</sub>" (270 mm) M645 ROTARY BIT

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

### Specifications

<b>Product No.</b>	<b>M645</b>
Size / Type	10 <sup>5</sup> / <sub>8</sub> " (270 mm)
IADC	6-4-5
Pin Connection	6 <sup>5</sup> / <sub>8</sub> API Regular
Bearing	Open Bearing
Circulation type	Jet
Product weight	65 kg
Nozzle	3 x Side jet
Cutting structure	TCI
Rows	3 - Gauge / 10 - Inner
Insert count	53 - Gauge / 108 - Inner
Gauge inserts	Conical
Inner inserts	Conical
Shirrtail protection	Full
Shirrtail insert	Spherical

### Operating parameters

Ref	Description
Weight on Bit	42,500 – 74,000 lbs
Rotary Speed	50 – 120 RPM
Rock UCS	30,000 - 47,500 PSI

