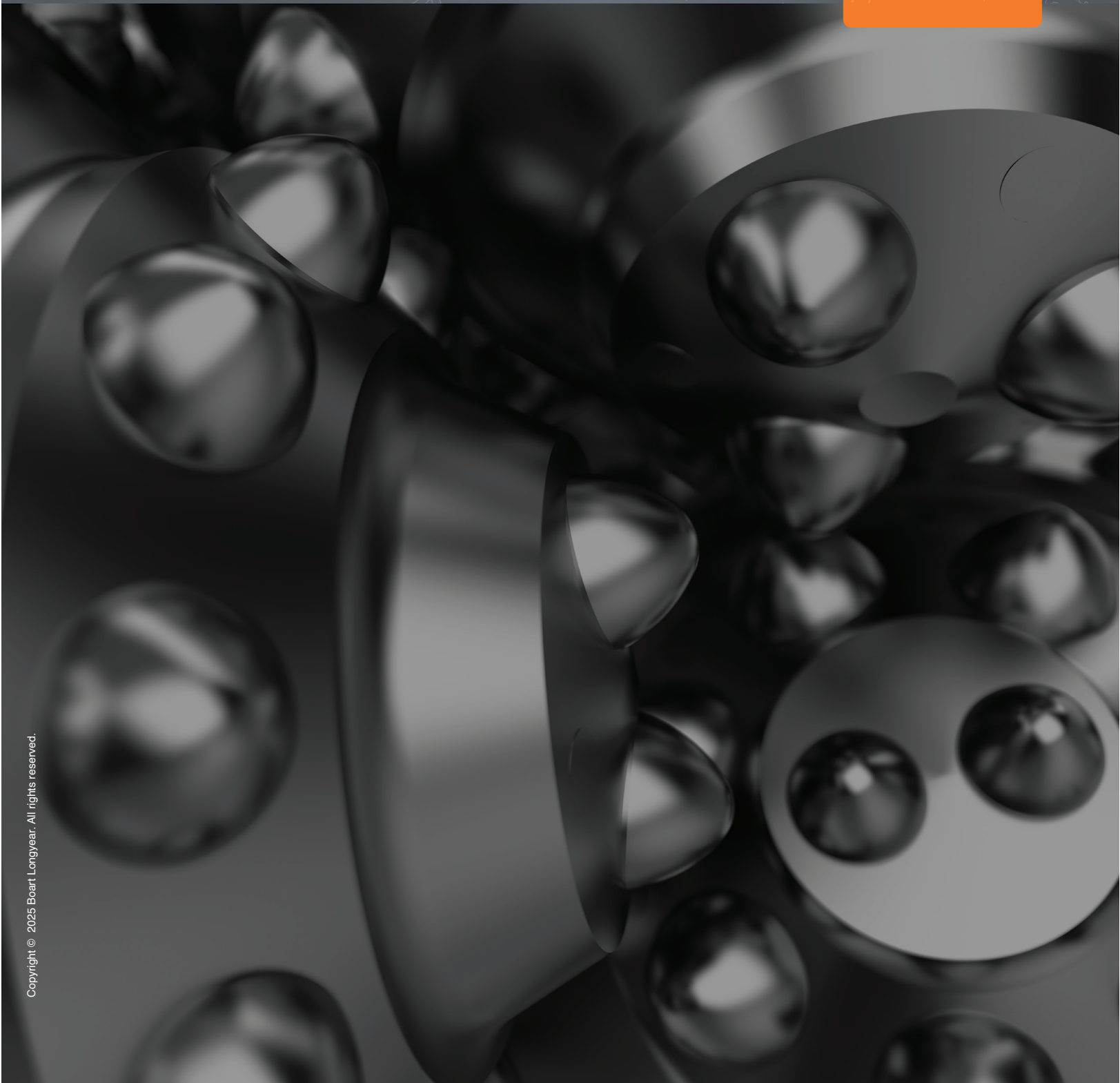




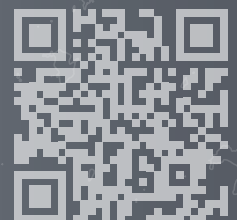
**BOART
LONGYEAR®**



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TRIVANCE™ HIGH PERFORMANCE TRICONE ROLLER BITS.

Engineered with advanced technology, TriVance™ roller cone bits are designed to deliver higher reliability, longer service life, and faster drilling performance in demanding conditions.

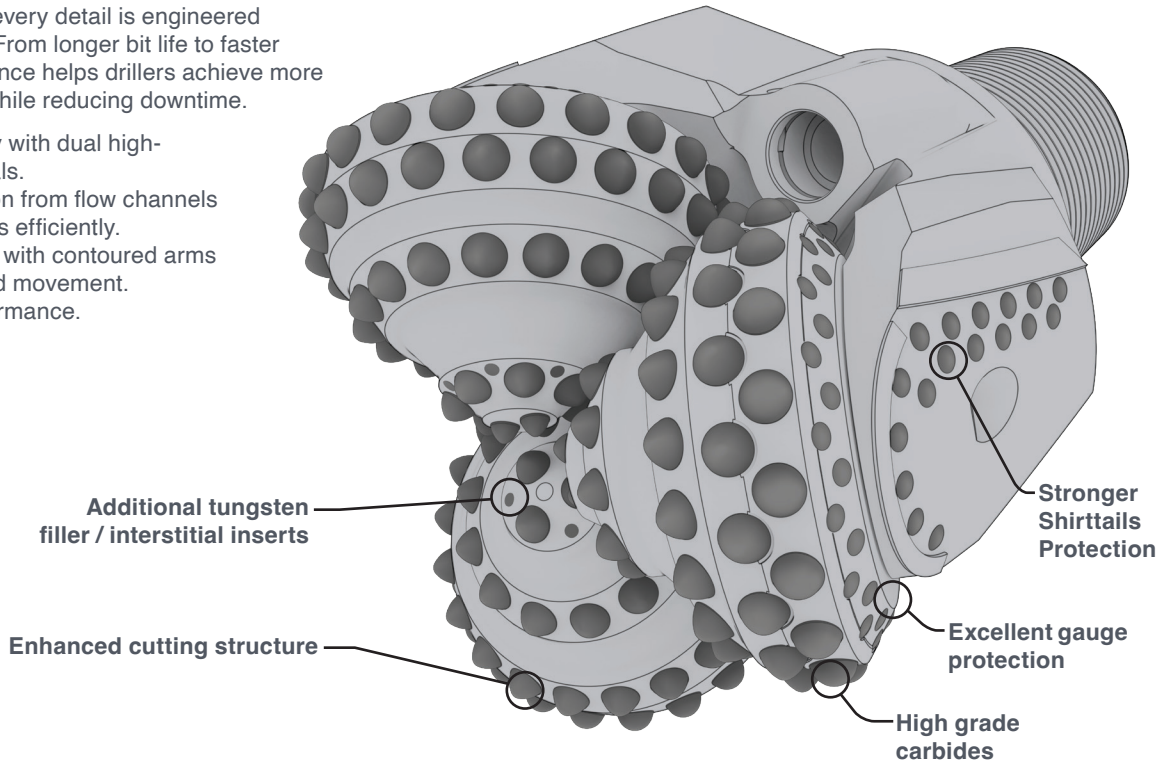


TRUSTED AT EVERY TURN™

PERFORMANCE-FOCUSED TECHNOLOGY

With TriVance™, every detail is engineered for performance. From longer bit life to faster penetration, TriVance helps drillers achieve more meters per shift while reducing downtime.

- Greater reliability with dual high-performance seals.
- Faster penetration from flow channels that clear cuttings efficiently.
- Precision design with contoured arms that optimize fluid movement.
- Consistent performance.



TECHNICAL INFORMATION

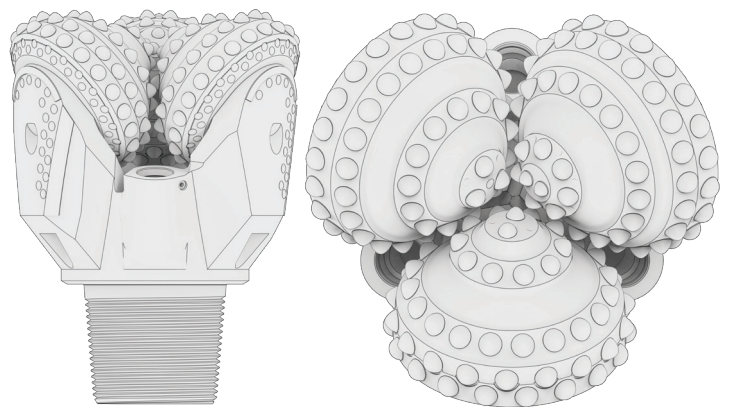
MODEL 157001

Product Features

- High grade inserts for medium-to-hard formations
- Aggressive carbide shape to improve the bit longevity without compromising ROP
- Gauge protection with spherical inserts.
- Full h/f shirrtail protection.

Operating parameters

- Rotary Speed: 60-100 rpm
- Weight on Bit: 46000 – 83000 lbs
- Torque Range: 28,000 to 32,000 ft-lb
- Rock UCS: 36000 – 48000 PSI (166-359 Mpa)



Description	BIT TRIC 12 1/4 645R RB SS API 6 5/8 REG
IADC	6-4-5
Nominal Diameter (mm)	311*
Pin Connection	API 6 5/8 REG
Bearing	Sealed-Roller
Circulation type	Jet Air
Product Weight (kg)	102
Nozzle	3x Side jet
Cutting Structure	TCI
Gauge inserts	Ballistic
Inner inserts	Ballistic
Gauge Bevel Protection	Flat
Shirrtail protection	Full h/f with TC inserts
Shirrtail insert	Spherical

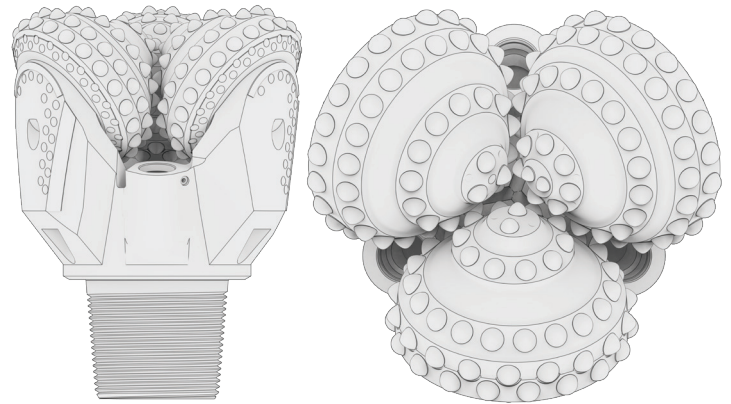
MODEL 157002

Product Features

- High grade inserts for hard formations
- Aggressive carbide shape to improve the bit longevity without compromising ROP
- Gage protection with spherical inserts.
- Sealed bearings
- Full h/f shirttail protection.

Operating parameters

- Rotary Speed: 50-80 rpm
- Weight on Bit: 49000 – 90000 lbs
- Torque Range: 28,000 to 32,000 ft-lb
- Rock UCS: 36000 – 48000 PSI (248-386 Mpa)



Description	BIT TRIC 12 1/4 725R RB SS API 6 5/8 REG
IADC	7-4-5
Nominal Diameter (mm)	311*
Pin Connection	API 6 5/8 REG
Bearing	Sealed-Roller
Circulation type	Jet Air
Product Weight (kg)	104
Nozzle	3x Side jet
Cutting Structure	TCI
Gauge inserts	Spherical
Inner inserts	Semi-Ballistic
Gauge Bevel Protection	Flat
Shirttail protection	Full h/f with TC inserts
Shirttail insert	Spherical

Note:

Operating parameters reflect typical ranges and may vary depending on site-specific ground conditions.
 *Rotary bit diameter tolerance: +3%, consistent with industry standards.
 Specifications provided herein are subject to modification without prior notice