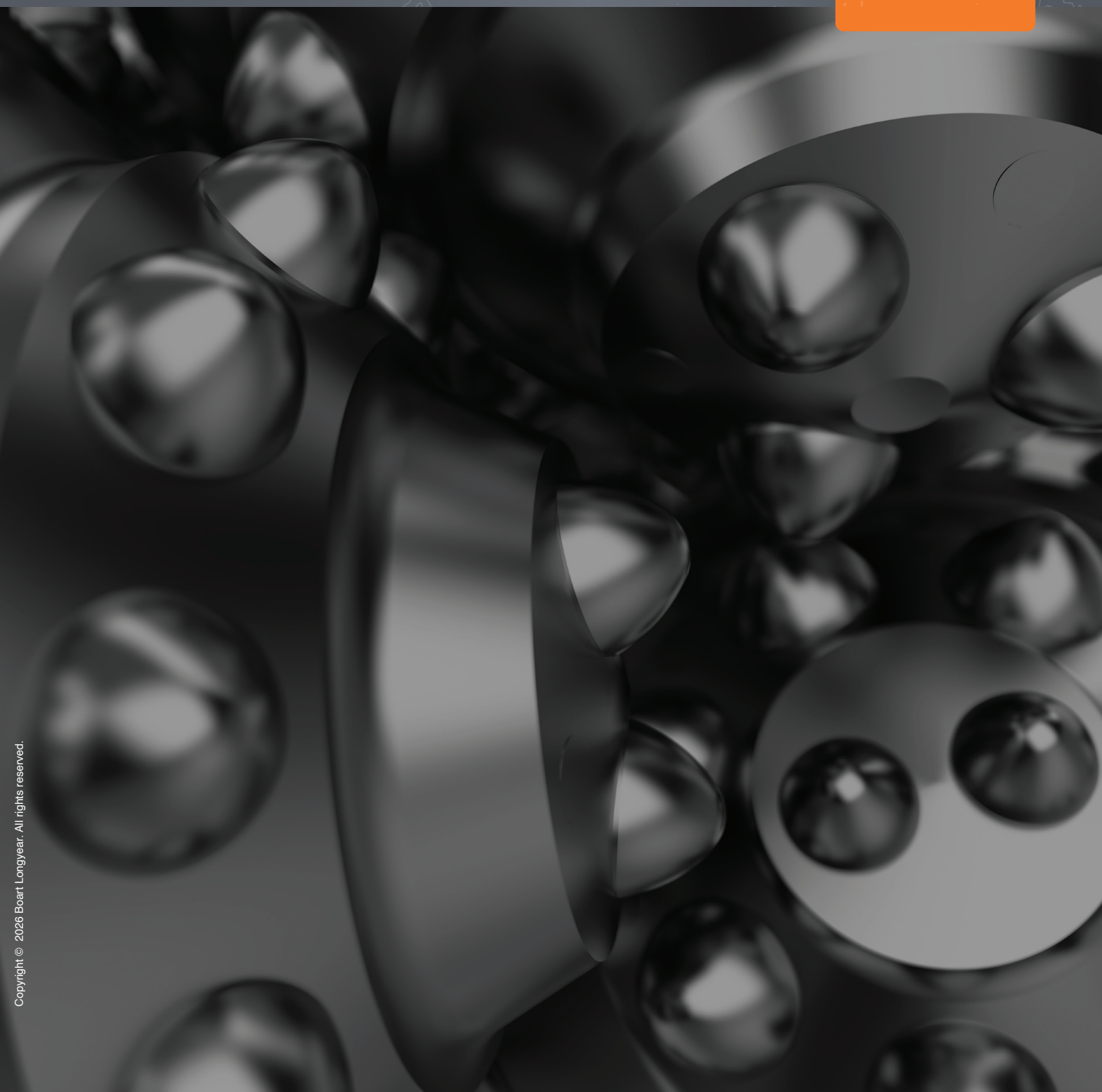
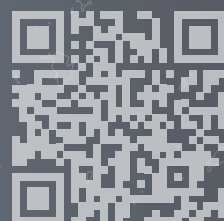




TRIVANCE™ HIGH PERFORMANCE TRICONE ROLLER BITS.

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

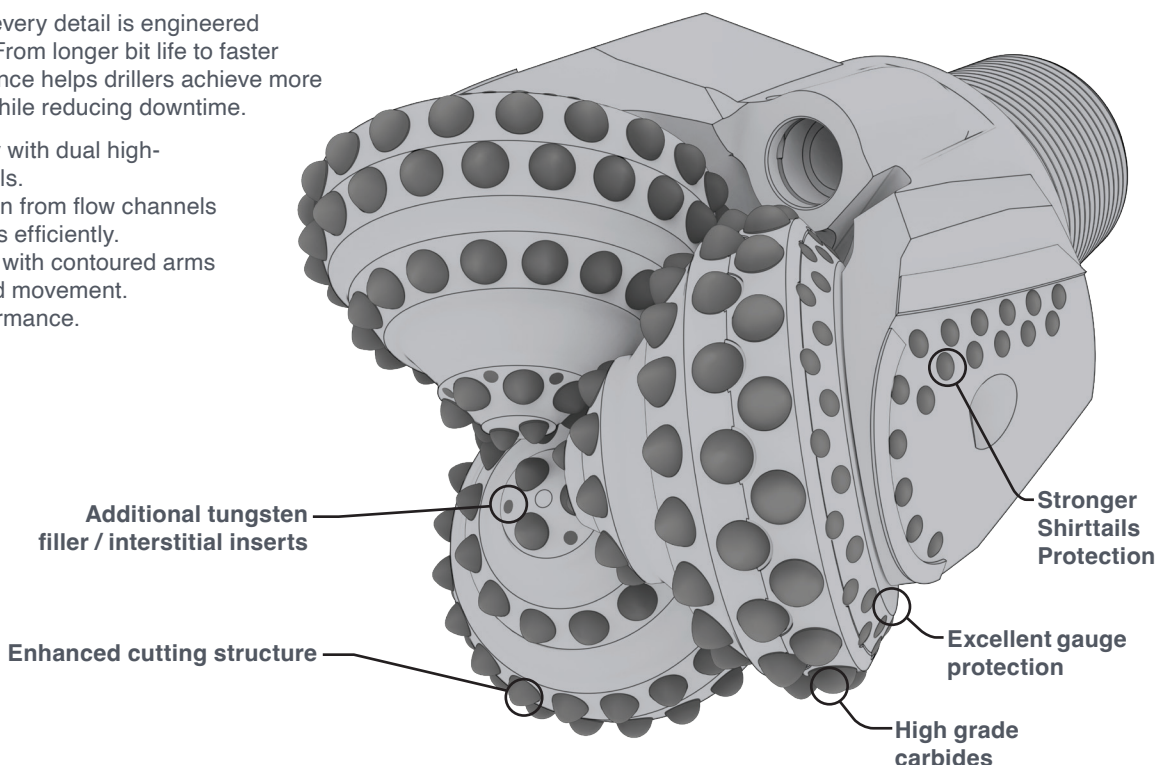
TRUSTED AT EVERY TURN™



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

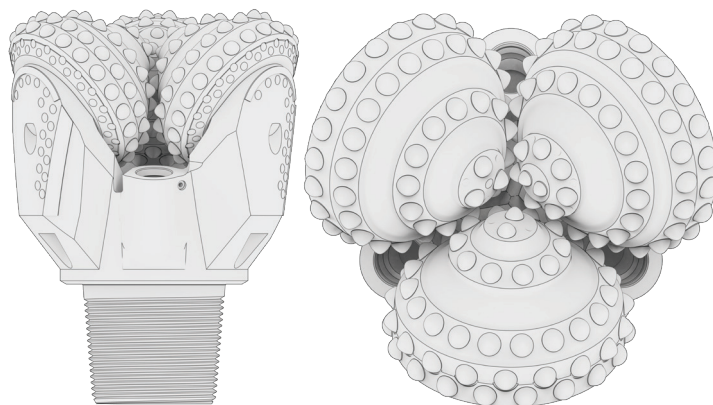
MODEL 157001

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 shirttail 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)



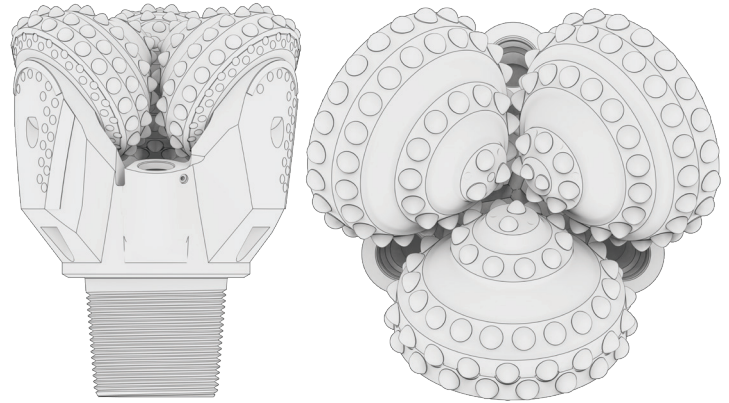
Description	BIT TRIC 12 1/4 645R RB SS API 6 5/8 REG
IADC	6-4-5
Nominal Diameter (mm)	311*
Pin Connection	API 6 5/8 REG
Bearing	Sealed-Roller
Circulation type	Jet Air
Product Weight (kg)	102
Nozzle	3x Side jet
Cutting Structure	TCI
Gauge inserts	Ballistic
Inner inserts	Ballistic
Gauge Bevel Protection	Flat
Shirttail protection	Full h/f with TC inserts
Shirttail 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	7-2-5
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.

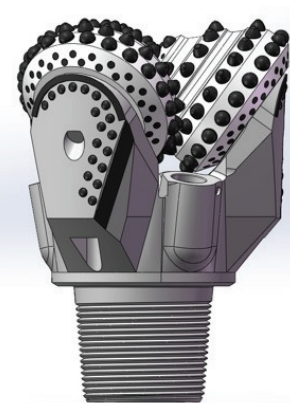
Specifications provided herein are subject to modification without prior notice

MODEL 157004**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: 60-90 rpm
- Weight on Bit: 49000 – 85000 lbs
- Torque Range: 28,000 to 32,000 ft-lb
- Rock UCS: 40000 – 44000 PSI (276-303 Mpa)



Description	BIT TRIC 12 1/4 715R RB SS API 6 5/8 REG
IADC	7-1-5
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	Spherical
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.

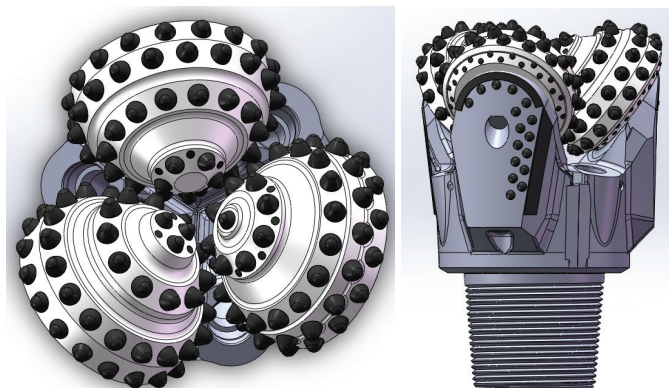
Specifications provided herein are subject to modification without prior notice

MODEL 157005**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: 60-100 rpm
- Weight on Bit: 31900 – 63750 lbs
- Torque Range: 28,000 to 32,000 ft-lb
- Rock UCS: 36000 – 40000 PSI (248-276 Mpa)



Description	BIT TRIC 10 5/8 645R RB SS API 6 5/8 REG
IADC	6-4-5
Nominal Diameter (mm)	270*
Pin Connection	API 6 5/8 REG
Bearing	Sealed-Roller
Circulation type	Jet Air
Product Weight (kg)	74
Nozzle	3x Side jet
Cutting Structure	TCI
Gauge inserts	Ballistic
Inner inserts	Ballistic
Gauge Bevel Protection	Spherical
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.

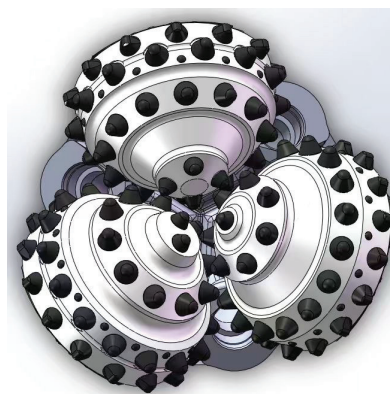
Specifications provided herein are subject to modification without prior notice

MODEL 157006**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: 80-110 rpm
- Weight on Bit: 21250 – 53000 lbs
- Torque Range: 28,000 to 32,000 ft-lb
- Rock UCS: 16000 – 20000 PSI (110-138 Mpa)



Description	BIT TRIC 10 5/8 545R RB SS API 6 5/8 REG
IADC	5-4-5
Nominal Diameter (mm)	270*
Pin Connection	API 6 5/8 REG
Bearing	Sealed-Roller
Circulation type	Jet Air
Product Weight (kg)	74
Nozzle	3x Side jet
Cutting Structure	TCI
Gauge inserts	Chisel
Inner inserts	Ballistic
Gauge Bevel Protection	Spherical
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.

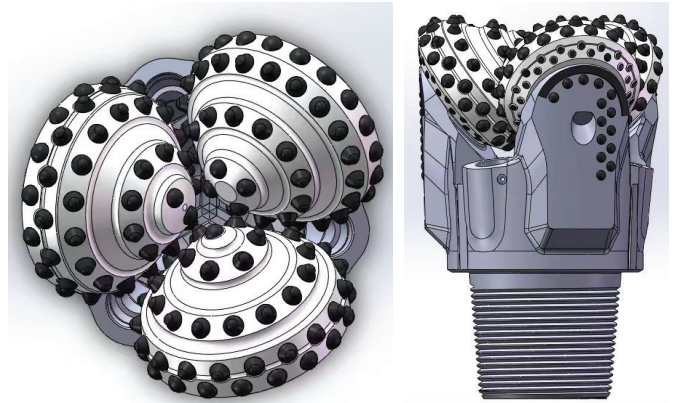
Specifications provided herein are subject to modification without prior notice

MODEL 157007**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: 60-90 rpm
- Weight on Bit: 29500 – 59000 lbs
- Torque Range: 28,000 to 32,000 ft-lb
- Rock UCS: 44000 – 48000 PSI (303-331 Mpa)



Description	BIT TRIC 9 7/8 725R RB SS API 6 5/8 REG
IADC	7-2-5
Nominal Diameter (mm)	251*
Pin Connection	API 6 5/8 REG
Bearing	Sealed-Roller
Circulation type	Jet Air
Product Weight (kg)	65
Nozzle	3x Side jet
Cutting Structure	TCI
Gauge inserts	Spherical
Inner inserts	Ballistic
Gauge Bevel Protection	Spherical
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.

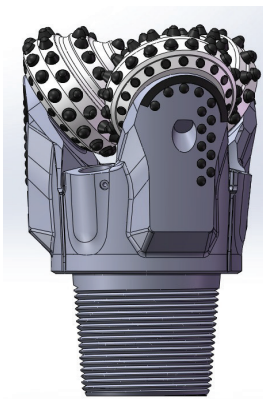
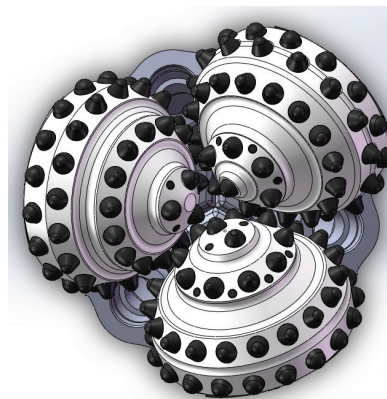
Specifications provided herein are subject to modification without prior notice

MODEL 157008**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: 60-100 rpm
- Weight on Bit: 29250 – 59250 lbs
- Torque Range: 28,000 to 32,000 ft-lb
- Rock UCS: 40000 – 44000 PSI (276-303 Mpa)



Description	BIT TRIC 9 7/8 645R RB SS API 6 5/8 REG
IADC	6-4-5
Nominal Diameter (mm)	251*
Pin Connection	API 6 5/8 REG
Bearing	Sealed-Roller
Circulation type	Jet Air
Product Weight (kg)	65
Nozzle	3x Side jet
Cutting Structure	TCI
Gauge inserts	Ballistic
Inner inserts	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