

TRIDON™

Technical Datasheet

8 1/2" SD516TALXU

215.9 mm

PN 10027462

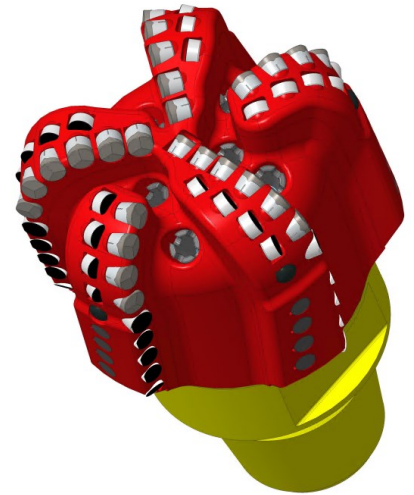


PRODUCT SPECS

Cutter Size:	16mm
Cutter Back Up:	16mm
Total Cutter Count:	31
Face Cutter Count:	26
Pin Connection:	4-1/2" API REG
Nozzle 1 qty/type:	6 /PZ20 Series
Nozzle 2 qty/type:	-
Junk Slot Area:	14.83 in ² (95.6 cm ²)
Gage Pad Length:	3" (76.2 mm)
Make Up Length:	9.62" (244.3 mm)
Shank Diameter:	6.02" (153 mm)
OFV Ratio:	50.45 %
Shank/Sleeve Length:	2.59" (65.73mm)

APPLICATION

Tridon® bit series is a trouble free bit that delivers smooth torque, advanced directional control, excellent well bore quality, and dynamic stability. They are seamlessly compatible with multiple directional drive systems and their advanced gauge configuration options enables solutions to be continually developed for all offerings in the market.



OPERATING PARAMETERS

Rotary Speed:	For all rotary and motor applications
Flowrate Min-Max:	250 - 750GPM (0.95 - 2.84m ³ /min)
Max Weight On Bit:	42000 lbs (18683daN)
Makeup Torque:	16500 - 19500Ft-Lbs (22371 -26438Nm)

FEATURES

- T Tridon are optimized geometry cutters to increase ROP and durability in tough applications
- A Abrasion resistant cutters
- L Flat-top diamond inserts limit drill bit vibration and increase stability
- X Backup cutters reinforce durability
- U Up-drill Cutters

*Operating parameters shown are typical for the bit type specified.

For recommendations on your specific application, contact your CNPC USA representative.