

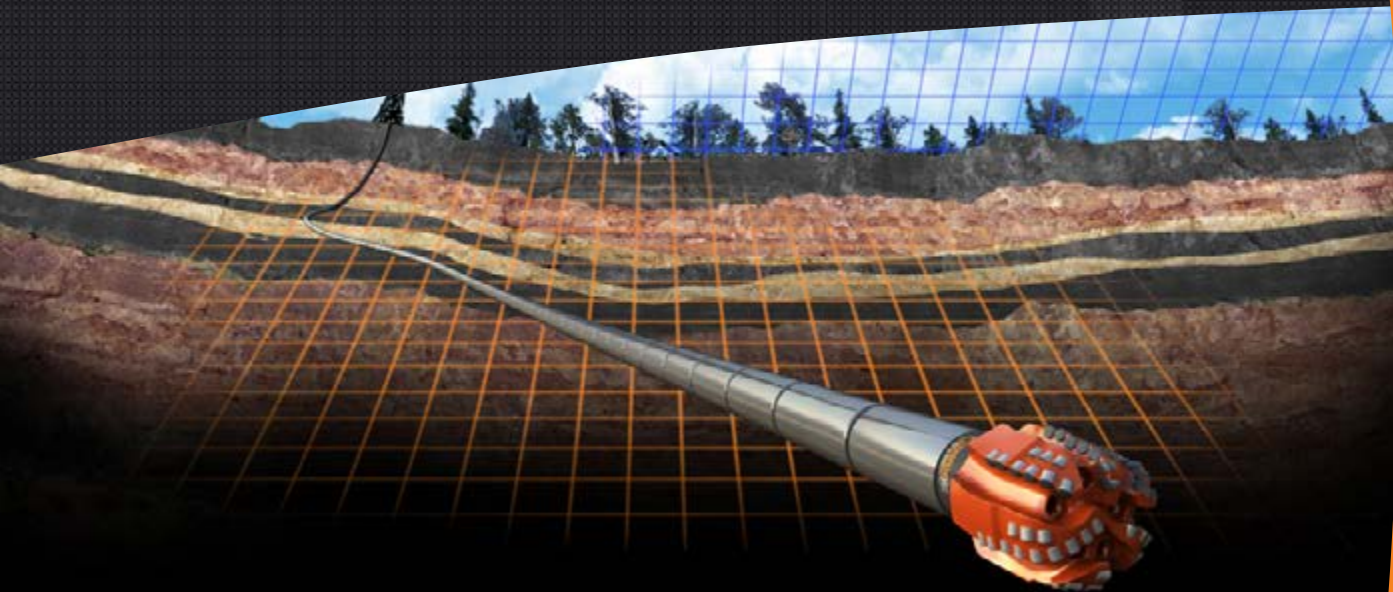


Product Catalogue

Custom-Designed PDC Bits

Steerable PDC Bits

Tri-Cone Bits



Stable, Durable and Directional Friendly...

www.climaxbitandtool.com

4 Blade Single Row 8 1/2" - 215.9mm

Designed for both shallow and deeper wells in the WCSB as a stable, rugged, steerable bit, with consistently high ROP.

The short gauge design helps minimize the bit to bend dimension for use on directional wells.

Utilizes TSD's on the face and gauge for body protection.

Nozzle placement creates efficient hydraulics and superior cleaning.

Premium P.D.C. cutters for superior longevity.



Specifications

Cutter Density	21-16mm Primary Cutters w/ 4-16mm Trimmers	
Gauge Length	1 3/8"	34.9mm
Make Up Length	8 3/4"	222.3mm
Total Length	13 1/2"	342.9mm
Number Nozzles	6	
Nozzle Type	6500 Series Adjustable	
Connection	4 1/2" API Regular	
Recommended Flow Rate	300 - 500 GPM	1.1-1.9 m ³ /Min
Recommended Rotary RPM (Lower in Hard Formations)	60-160	
Recommended WOB	10,000-25,000 lbs	4,448-11,120 daN

Stable, Durable and Directional Friendly...

5 Blade Short Gage 6 1/4" - 159mm

Designed for both shallow and deeper wells in the WCSB as a stable, rugged, steerable bit, with consistently high ROP.

The short gauge design helps minimize the bit to bend dimension for use on directional wells.

Utilizes TSD's on the face and gage for body protection.

Nozzle placement creates efficient hydraulics and superior cleaning.

Premium P.D.C. cutters for superior longevity.



Specifications

Cutter Density	50-13mm Primary Cutters	
Gauge Length	1 7/8"	47.6mm
Make Up Length	5 1/2"	139.7mm
Total Length	5 1/2"	139.7mm
Number Nozzles	5	
Nozzle Type	6500 Series Adjustable	
Connection	3 1/2" API Regular	
Recommended Flow Rate	200 - 350 GPM	.76-1.3 m ³ /Min
Recommended Rotary RPM (Lower in Hard Formations)	60-160	
Recommended WOB	4,500-22,500 lbs	2,000-10,000 daN

Stable, Durable and Directional Friendly...

5 Blade Single Row 7 7/8" - 200mm

Designed for both shallow and deeper wells in the WCSB as a stable, rugged, steerable bit, with consistently high ROP.

The short gauge design helps minimize the bit to bend dimension for use on directional wells.

Utilizes TSD's on the face and gage for body protection.

Nozzle placement creates efficient hydraulics and superior cleaning.

Premium P.D.C. cutters for superior longevity.



Specifications

Cutter Density	33-16mm Primary Cutters w/ 4-16mm Trimmers	
Gauge Length	1 3/8"	34.9mm
Make Up Length	9"	228.6mm
Total Length	13 1/4"	336.6mm
Number Nozzles	5	
Nozzle Type	6500 Series Adjustable	
Connection	4 1/2" API Regular	
Recommended Flow Rate	300 - 500 GPM	1.1-1.9 m ³ /Min
Recommended Rotary RPM (Lower in Hard Formations)	60-160	
Recommended WOB	4,000-10,000 lbs	1,779-4,448 daN

Stable, Durable and Directional Friendly...

5 Blade Single Row 10 5/8" - 270mm

Designed for both shallow and deeper wells in the WCSB as a stable, rugged, steerable bit, with consistently high ROP.

The short gauge design helps minimize the bit to bend dimension for use on directional wells.

Utilizes TSD's on the face and gauge for body protection.

Nozzle placement creates efficient hydraulics and superior cleaning.

Premium P.D.C. cutters for superior longevity.



Specifications

Cutter Density	30-16mm Primary Cutters w/ 10-16mm Trimmers	
Gauge Length	2 1/4"	57.2mm
Make Up Length	12 1/2"	317.5mm
Total Length	17 3/4"	450.8mm
Number Nozzles	7	
Nozzle Type	6500 Series Adjustable	
Connection	6 5/8" API Regular	
Recommended Flow Rate	350 - 600 GPM	1.3-2.3 m ³ /Min
Recommended Rotary RPM (Lower in Hard Formations)	40-75	
Recommended WOB	10,000-20,000 lbs	4,448-8,896 daN

Stable, Durable and Directional Friendly...

6 Blade Double Row 7 7/8" - 200mm

Designed for both shallow and deeper wells in the WCSB as a stable, rugged, steerable bit, with consistently high ROP.

The short gauge design helps minimize the bit to bend dimension for use on directional wells.

Utilizes TSD's on the face and gauge for body protection.

Nozzle placement creates efficient hydraulics and superior cleaning.

Premium P.D.C. cutters for superior longevity.



Specifications

Cutter Density	30-16mm Primary Cutters w/ 6-16mm Trimmers or 34-13mm Primary Cutters w/ 6-13mm Trimmers	
Gauge Length	2 1/4"	57.2mm
Make Up Length	12 1/2"	317.5mm
Total Length	17 3/4"	450.9mm
Number Nozzles	7	
Nozzle Type	6500 Series Adjustable	
Connection	6 5/8" API Regular	
Recommended Flow Rate	300 - 500 GPM	1.1-1.9 m ³ /Min
Recommended Rotary RPM (Lower in Hard Formations)	40-75	
Recommended WOB	10,000-20,000 lbs	4,448-8,896 daN

Stable, Durable and Directional Friendly...

6 Blade Ultra Double Row 7 7/8" - 200mm

Designed for both shallow and deeper wells in the WCSB as a stable, rugged, steerable bit, with consistently high ROP.

The short gauge design helps minimize the bit to bend dimension for use on directional wells.

Utilizes TSD's on the face and gauge for body protection.

Nozzle placement creates efficient hydraulics and superior cleaning.

Premium P.D.C. cutters for superior longevity.



Specifications

Cutter Density	34-16mm Primary Cutters w/ 8-13mm Trimmers	
Gauge Length	2 1/4"	57.2mm
Make Up Length	10"	254.0mm
Total Length	14 1/4"	362.0mm
Number Nozzles	6	
Nozzle Type	6500 Series Adjustable	
Connection	4 1/2" API Regular	
Recommended Flow Rate	350 - 600 GPM	1.3-2.3 m ³ /Min
Recommended Rotary RPM (Lower in Hard Formations)	80-100	
Recommended WOB	10,000-20,000 lbs	4,448-8,896 daN

Stable, Durable and Directional Friendly...

CBT TriCone

7 7/8" - 200mm

The CBT TriCone is used to drill high-compressive strength, medium-hard formations.

Short projection teeth with reduced crest length are used in this series of bit designs.

Durable hard facing is applied to reduce tooth wear.



Specifications

Gauge Length	1 3/8"	34.9mm
Make Up Length	8 3/4"	222.3mm
Total Length	13 1/2"	342.9mm
Number Nozzles	6	
Nozzle Type	6500 Series Adjustable	
Connection	4 1/2" API Regular	
Recommended Flow Rate	300 - 500 GPM	1.1-1.9 m ³ /Min
Recommended Rotary RPM (Lower in Hard Formations)	50-150	
Recommended WOB	10,000-25,000 lbs	4,448-11,120 daN

Stable, Durable and Directional Friendly...

CBT TriCone

8 3/4" - 222mm

The CBT TriCone is used to drill high-compressive strength, medium-hard formations.

Short projection teeth with reduced crest length are used in this series of bit designs.

Durable hard facing is applied to reduce tooth wear.



Specifications

Gauge Length	1 3/8"	34.9mm
Make Up Length	8 3/4"	222.3mm
Total Length	13 1/2"	342.9mm
Number Nozzles	6	
Nozzle Type	6500 Series Adjustable	
Connection	4 1/2" API Regular	
Recommended Flow Rate	300 - 500 GPM	1.1-1.9 m ³ /Min
Recommended Rotary RPM (Lower in Hard Formations)	50-150	
Recommended WOB	10,000-25,000 lbs	4,448-11,120 daN

Stable, Durable and Directional Friendly...