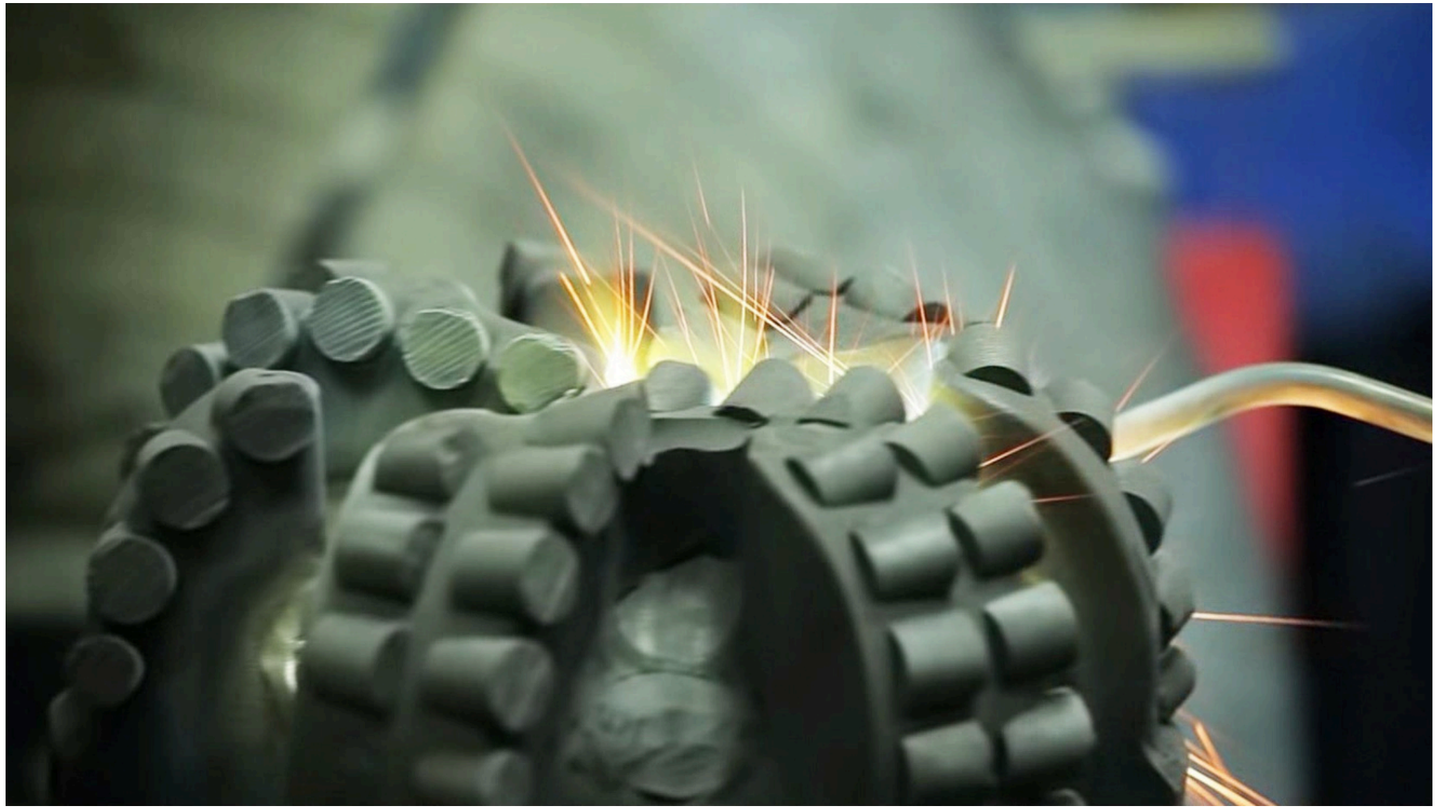
ТОВ “ДОЛОТА”

Буровий інструмент для роторного буріння

Виготовлення ремонт та реалізація



www.dolota.ua +38 (093) 333-22-12

2025

牙轮钻头选型指南
GUIDANCE OF CHOOSING TRICONE BIT

牙轮钻头 ROLLERCONE BITS(IADC)	牙轮钻头机械钻速 m/h ROLLER CONE(m/h)		地层硬度 FORMATION HARDNESS	地层 FORMATION	岩石类型 ROCKTYPE	抗压强度 COMPRESS STRENGTH
	水基 WEM	油基 OBM				
111/124	15-30	18-33	很软 Very soft	抗压强度低的粘性软地层 Soft formationwith sticy liyers and low compressive strength	粘土粉砂岩砂岩 Clay Sits Sands	<25MPa
116/137 437	9-15	12-18	软 Soft	抗压强度低和可钻性高的软地层 Soft formationwith jow compresaivestrengthand high dillaby	粘土岩泥灰岩褐煤砂岩凝灰岩 Claystone MurlLipit eSanstoneTuff	25-50MPa
136/137 517/527	4.5-9	6-12	中软 MediumSoft	抗压强度低且带有夹层的软至中等地层 Soft to mediumformation with iow compress iestrengthinterbed wih hardlayers	粘土岩泥灰岩褐煤砂岩粉砂岩硬石膏 凝灰岩ClaystoneMarlLigite SandstoneSltsAnhydrte sTufT	50-75MPa
211/217 517/537	2.5-6	3-6	中等 Medim	抗压强度高，研磨性薄夹层的中等至硬地层Medim to hardformationwith high compressivestrength and sml l abrasiveln yers	泥岩灰岩硬石膏砂岩(钙质) Mustone LimestoneAn hyd tesSandstone(Calcareo us)	75-100MPa
211/236 537/617	1.5-2.5	1.5-3	中硬 Medium Hard	抗压强度很高，非研磨性的硬和致密地层Hardand dense fom ut on with very high compressivestrength but non a brasve	灰岩硬石膏白云岩 Lie stone Anhydrites Dolomite	100-120MPa
311/347 627/637	1-1.5	1-1.5	硬 Hard	抗压强度很高，有一些研磨性夹层的硬和致密地层 Hardand dense formationw thy ery hiscompressive strengthand some abrasive layer	页岩(钙质)砂岩(硅质)粉砂岩 Shale(Calcare ou) Sandstone(Siceo us)Sl stone	100-200MPa
637/737/837	1	1	极硬 Very Hard	极硬和研磨性极强的地层 Extremelyhardand abrasive fom ma ons	石英岩火成岩 Quartzitelgueous rockx	>200MPa

■ IADC111/114/115/116/117
适用于低抗压强度、高可钻性的极软地层，如粘土、泥岩、白垩等。
It is suitable for very soft formation with low compressive strength and high drillability,

■ IADC211/214/215/216/217
适用于高抗压强度的中等地层，如中软页岩、硬石膏、中软石灰岩、中软砂岩和有硬夹层的中等地层。
It is suitable for medium formation with high compressive strength, such as medium soft shale,anhydrite, medium soft limestone, medium soft sandstone and hard interlayer.

■ IADC517/537
适用于低抗压强度的软地层，如泥岩、石膏、盐岩、软页岩、软石灰岩
It is suitable for soft formation with low compressive strength, such as mudstone, gypsum, salt rock, soft shale, and soft limestone.

■ IADC637
适用于高抗压强度的硬地层，如砂岩、石灰岩、白云岩和硬石膏、大理石。
It is suitable for hard formation with high compressive strength, such as sandstone, limestone, dolomite and anhydrite, and marble..

■ IADC214/217/314/327
适用于低抗压强度、高可钻性的软至中软地层，如中软页岩、中软石灰岩、中软砂岩和有较硬夹层的软地层。
It is suitable for soft and medium- -soft strata with low compressive strength and high drilability, such as medium soft shale, medium soft limestone,medium soft sandstone and soft stratum with hard interlayer.

■ IADC435/437
适用于低抗压强度、高可钻性的极软地层，如粘土、泥岩、白垩、石膏、盐岩、软页岩、软石灰岩。
It is suitable for soft and medium- soft strata with low compressive strength and high drillability, such as clay, mudstone, chalk, gypsum, salt rock, soft shale,and soft

■ IADC615/617
适用于高抗压强度的中硬地层，如硬页岩、石灰岩、砂岩、白云岩。
It is suitable for medium- hard formations with high compressive strength, such as hard shale, limestone, sandstone, and dolomite.

Elastomer Sealed Bearing Tricone Rock Bit

Cutting Structure

The durability of premium tungsten carbide insert is improved with new formulas and new techniques for insert bit.

Gauge Structure

Multiple gauge protection with gauge trimmers on the heel of cone,tungsten carbide inserts and hardfacing on the shirttail increases gauge holding capability and bearing life.

Bearing Structure

High precision bearing with two thrust faces.Ball lock the cone.Hardfaced head bearing surface.

Cone bearing inlaid with friction-reducing alloy and then silver-plated.Abrasion resistance and seizure resistance of the bearing are improved.

Seal and Lubrication

Premium O-ring,Optimal seal compression and curved seal structure can enhance the seal performance.The pressure compensator system and advanced grease can greatly increase thelubricating reliability.

Product Application

It can bear high WOB in the conventional drilling.It is suitable for various formations by matching cutting structure with different tooth shape,tooth density and tooth exposure height.

橡胶密封轴承镶齿三牙轮钻头

切削结构

镶齿钻头采用新配方新工艺的优质硬质合金齿，提高切削齿的综合机械性能

保径结构

采用多重保径结构：牙轮外排镶修边齿，轮背、镶硬质合金齿，爪尖及前侧堆焊耐磨合金，提高钻头的保径能力

轴承结构

采用高精度配合的滑动、滚动轴承，钢球锁紧。牙爪轴径焊有耐磨合金，牙轮内孔焊特殊合金镀银，提高钻头承受轴向载荷和止挂面抗咬合的能力

密封润滑

轴承密封选用高性能O形密封圈，最佳密封压缩量，弧形密封结构，有效地提高轴承密封的性能。高性能钻头专用润滑脂

产品适用

在常规转速下能承受较高的钻压，配合不同的齿形、齿数和出刃高度的切削结构，可适合各种地层钻进。

IADC	WOB(KN/mm)	RPM(r/min)	ApplicableFormations
417/437/447/415/435	0.35~0.9	150~70	Verysoftformationswith1lowcompressive strengthandhighdrlabity, suchasclay, mudstone chalk gypsum salt, softme stone, etc.
517/527/515	0.35~1.0	14060	Soft formationsVwithlow compressivestrength1aandhighdrbility, suchas mudstone.gypsum salt, soft limestone, etc.
537/547/535	0.45~1.0	120~50	Mediumformationswthlow compressive strength, suchasmedium, soft shale, mediumsoftime stone, mediumsot sandstone mediumformationwthharderand abrasiveinterbeds, etc.
617/15	0.451.1	9050	Mediumhardformationwithhighcompress strength, suchashardshale, limestone, sandstone dolomite.etc
637/635	0.5~12	8040	Hardformationswithhighcompressivestrength suchassandstone limestone, dolomite, hard gypsum, marble, etc.
Note：Theupperlimitsof WOBandRPMin abovetableshouldnotbe used simultaneously.			

IADC	钻压(KN/mm)	转速(r/min)	应用地层
417/437/447/415/435	0.35~0.9	150~70	低抗压强度高可钻性的极软地层如粘土、泥岩、白垩、泥岩、石膏、盐岩、软页岩、软石灰岩等
517/527/515	0.35~1.0	14060	低抗压强度的软地层如泥岩、石膏、盐岩、软页岩、软石灰岩等
537/547/535	0.45~1.0	120~50	低抗压强度的中等地层如中软页岩 中软石灰岩 中软砂岩和有较硬研磨性夹层的中等地层
617/615	0.45~1.1	9050	高抗压强度的中硬地层如硬页岩、石灰岩、砂岩、白云岩等
637/635	0.5~1.2	8040	高抗压强度的硬地层如砂岩、石灰岩、白云岩和硬石膏 大理石等
注：表中推荐的钻压和转速不可同时使用上限			

Elastomer Sealed Bearing Tricone Rock Bit

Cutting Structure

The wear-resistance of teeth is enhanced with premium tungsten carbide hard-facing on the tooth surfaces for steel tooth bit.

Gauge Structure

Multiple gauge protection with gauge trimmers on the heel and gauge inserts on the gauge surface of the cone,tungsten carbide inserts and hardfacing on the shirttail increases gauge holding capability and bearing life.

Bearing Structure

High precision roller bearing with two thrust faces.Ball lock the cone.Thrust faces hardface with wear resistant alloy.Abrasion resistance and seizure resistance of the bearing are improved.

Seal and Lubrication

Premium O-ring,Optimal seal compression and curved seal structure can enhance the seal performance.The pressure compensator system and advanced grease can greatly increase the lubricating reliability.

Product Application

It is suitable for various formations,and achieves high RPM under low to medium WOB application

橡胶密封轴承钢齿三牙轮钻头

切削结构

钢齿钻头齿面敷焊新型耐合金，增强切削齿耐磨性

保径结构

采用多重保径结构：牙轮外排镶修边齿，轮背、爪背镶硬质合金齿，爪尖及前焊耐磨合金，提高钻头的保径能

轴承结构

采用高精度配合的径向、滚动轴承，钢球锁紧。止推轴承表面堆焊耐磨合金和减磨处理，提高钻头承受轴向载荷和止推面抗咬合的能力

密封润滑

轴承密封选用高性能O形密封圈，最佳密封压缩量，弧形密封结构，有效地提高轴承密封的性能。采用高性能钻头专用润滑脂

IADC	WOB (KN/mm)	RPM (/min)	ApplicableFormations
114/115/117	0.3~0.75	180~60	Very soft formationswithhllowcompressivestrength andhighdrlablity, suchasclay, mudstone, chalk, etc.
124/125/127	0.3-0.85	18060	Softformationswithlowcompressivestrengthandhighdrilability, suchasmudstone, gypsum, saltsoft limestone, etc.
134/136	0.3~0.95	150~60	Sottomediumformationswithlow compressivestrength andhighdrlabty, suchasmedium, soft shale, medium soft limestone, mediumsoftsandstone, soft formaion wthharderinterbeds, etc.
214/215/217	0.350.95	15060	Mediumformationwithhighcompressstrength, suchas mediumsoftshale, hardgypsum, mediumsoft limestone, mediumsoftsandstone, soft formationwith harderinterbeds, etc.
227/225	0.35~0.95	150~50	Mediumhardformationswithhighcompressivestrength, suchasabrasiveshale, limestone, sandstone, dolomite, hardgypsum, marble, etc
Note: The upperlimitsof WOBandRPMin abovetableshouldnotbe usedsimultaneously.			

IADC	钻压 (KN/mm)	转速 (r/min)	应用地层
114/115/117	0.3~0.75	180~60	低抗压强度高可钻性的极软地层如粘土、泥岩、白垩等。
124/125/127	0.3-0.85	18060	低抗压强度的软地层如泥岩、石膏、盐岩、软页岩、软石灰岩等
134/136	0.3~0.95	15060	低抗压强度的软到中等地层如中软页岩、中软石灰岩、中软砂岩和有较硬研磨性夹层的中等地层
214/215/217	0.350.95	15060	高抗压强度的中等地层如中软页岩、硬石膏，中软石灰岩、中软砂岩和有硬夹层的软地层
227/225	0.35~0.95	15050	高抗压强度的硬地层如研磨性页岩、石灰岩、砂岩、白云岩和硬石膏、大理石等
注：表中推荐的钻压和转速不可同时使用上限			

岩石扩孔器
HDD ROCK REAMER HOLE OPENER

- Correct cutter selection allows higher productivity and tool life.The nozzles can be designed according to different reamer size on different drilling conditions.
  我们生产适用于各种地层的岩石孔器，软岩石像石灰岩和砂岩，坚硬岩像花岗岩和玄武岩等。选择合适的牙掌能够提高钻进速度和使用寿命。喷水孔的大小可根据施工中扩孔器的孔径设计。

- All our hole openers and rock reamers can be supplied with a widerange of cutters to deal withsoft rock ike limestone or sandstone,right up to hard formation bits capable of drilling in Granite and Basalt.
  有橡胶密封和金属密封牙轮掌片可供选择

- Available roller cone with sealed bearing or Metal sealed bearing
  硬地层具有高抗压强度，如砂岩，石灰石，白云石石膏，大理石等。

- Our rock reamer can be custom build with 3,4,5 or more rollers,depend on your pullback power and the diameter of the pipe.Our Hole openers are generally fitted with API threads ,IF,FH,etc
  根据客户回扩力和钻杆的尺寸，我们可以定制3轮，4轮，5轮或者更多轮的岩石扩孔器。丝扣类多种选择，像API,IF,FH等




PDC 钻头型号参考
PDC DRILL BIT MODEL REFERENCE

IADCclassification PDC Bits

A Bit body		B Formationtype		C Cuttingstructure		D Bit profile
"M"	Matrix	1	Very soft	2	PDC，19mm	1 Shortfishtail
"S"	Steel			3	PDC，13mm	
"D"	Diamond			4	PDC，16mm	
Example		2	Soft	2	PDC，19mm	2 Shortprofile
				3	PDC，13mm	
M	Matrix			4	PDC，16mm	
4	Medium	3	Soft to medium	2	PDC，19mm	3 Medium profile
3	PDC13mm			3	PDC，13mm	
4	Longprofile			4	PDC，16mm	
		4	Medium	2	PDC，19mm	4 Longprofile
				3	PDC，13mm	
				4	PDC，16mm	


四刀翼钢体PDC钻头
RL1904 IADC:S122

Bit characteristics: suitable for soft and medium soft layers,high abrasive formation .Bit performance: blade less,chip space is large,and the use of good abrasion resistance,strong anti impact properties of high quality PDC films,is conducive to the three-dimensional rotating spiral blade runner injection,fast cutting exhaust,improve the service life of drill bits.Using swirl channel change bottom flow field,avoid duplication of cuttings,greatly improve the drilling speed.

钻头特点：适用于软一中软且夹层多、研磨性较高的地层。
钻头性能：刀翼少，排屑空间大，并采用耐磨性好、抗冲击性能强的高质量PDC片，有利于三维螺旋叶片旋转流道喷射，排岩屑快，提高钻头的使用寿命。利用旋流水道改变井底流场，避免岩屑的重复破碎，大幅提高钻进速度。

钻头尺寸 Bit Size	技术参数 ProductSpecification				推荐钻井参数 Recommended Drling Parameters		
	主切削齿尺寸 Primary Cutter Size	保径长度 Gauge Length	喷嘴数量/类型 Nozzie Qty/Type	API正规扣型 API Pin Size	钻压 WOB	转速 RotarySpeed	转速 Flow Rate
4 5/8-5	8~13.4	1.0~1.5	4R	27/8REG	10~50	50~200	6~15
6	13.4~16	1.0~1.5	4R	31/2REG	10~100	50~200	8~25
8 1/2-8 3/4	16~19	2.0~2.5	6R	41/2REG	30~120	80~800	25~38
9 1/2	19	2.0~3.0	6R	65/8REG	30~140	80~800	25~48
12 1/4	19	2.5~3.5	8R	65/8REG	50~150	80~800	30~70
16	19	2.5~3.5	8R	75/8REG	30~280	80~600	44~90
17 1/2	19	2.5~3.5	8R	75/8REG	50~280	80~600	44~90
26	19	2.5~3.5	8R	75/8REG	50~280	80~600	44~90

四刀翼PDC钻头

五刀翼PDC钻头

五刀翼钢体PDC钻头
RL1905IADC:S223/323

Matrix material of the bit adopts high quality steel and wearresistance material with high performance is built-up welded on the surface of blades to prevent matrix material from eroding .
Bit body is made from an integrated alloy forging and finished by advanced CNC machining center.
Deep and wide junk slots ensure bit cleaning and cooling of drilling fluid,which benefits fast drilling and anti-balling .
Adopts high performance PDC cutters,increases the ability to drill through hard stringers and provides longer service life.
PDC cutters of different features are selected and bit profile design is optimized to suit different drilling applications in different formations to satisfy different requirements when drilling soft to medium hard formations.
According to the requirements of customers,design and produce different bits.

采用优质钢材做钻头的基体材料，刀翼表面堆焊高性能耐磨材料，防止基体材料冲蚀。
钻头采用合金钢整体锻造，用高端计算机数控加工中心精密加工而成。
深刀翼、宽排屑槽，保证了泥浆的清洗和冷却，有利于快速钻进和防止泥包。
采用高性能复合片切削齿，提高钻头穿硬地层的能力和使用寿命。
针对不同的地层岩石特征，优化冠部轮廓、优选不同功能的复合片，满足软到中地层钻井的需要。可根据客户需求，设计制造适用于不同地层的钻头。

钻头参数 Bit Specific atio				钻头参数 Recommended Operation Parameters				
规格 (Inches) Size	喷嘴数 No.ofNozzles	保径长度 (inches) Gauge Length	公螺纹连接 (inches) API Reg.Pin	泥浆排量 Hydraulic Flow Rate		钻速 (r/min) Rotation Speed	钻压 Weight On Bit	
				l/s	gpm		kn	klbs
17-1/2	10R	3-1/4	Conn.API 7-5/8	60~90	950~1430	60~250	40~190	9~43
15-1/2	8R	3-1/4	7-5/8	50~80	790~1260	60~250	20~150	5~34
13-5/8	7R	3	6-5/8	40-70	600~1100	60-280	20~140	5~30
12-1/4	7R	3	6-5/8	37~62	590~980	60~300	20~140	5~30
8-1/2	6R	2	4-1/2	24~42	380~670	60~300	20~110	5~25

六刀翼钢体PDC钻头
RL1606 IADC:324

6 straight or spiral blades,high density cutters,deep junk slots;
Available with back row curtters to restrict cutting depth and reduce torque fluctuation and extend bit service life;
Applicable to drill in soft to medium hard for mation with small abrasive layers as well as directional drilling and angle building.

六个直的或螺旋刀翼、高密度布齿，深排屑槽；
刀翼上可配备背齿约束切削深度，降低扭矩的波动，延长钻头使用寿命；
适用于含薄研磨性夹层的软至中硬地层和定向、造斜。

钻头参数 Bit Specific atio				钻头参数 Recommended Operation Parameters				
规格 (Inches) Size	喷嘴数 No.ofNozzles	保径长度 (inches) Gauge Length	API公螺纹连接 (inches) API Reg.PinConn.	泥浆排量 Hydraulic Flow Rate		钻速(r/min) Rotation Speed	钻压 Weight On Bit	
				l/s	gpm		kn	klbs
9-1/2	6R	2-3/8	6-5/8	37~62	590~980	60~300	20~190	5~43
6-1/2	1R+4F	2	3-1/2	18~32	280~490	60~300	10~100	2~23
7-7/8	6R	1-1/2	4-1/2	24~42	380~670	60~300	20~125	5~28
6	3R	1-1/2	3-1/2	18~32	280~490	60~300	10~100	2~23
12-1/4	8R	3-1/8	6-5/8	37~62	590~980	60~300	20~190	5~43
8-1/2	3R+3F	3	4-1/2	24~42	380~670	60~300	20~125	5~28
17-1/2	9R+2F	5-1/8	7-5/8	24~42	9501430	60-250	40-190	9~43

五刀翼PDC钻头

六刀翼PDC钻头

七刀翼胎体PDC钻头
RL 1307 IADC

7-blade,small PDC cutters,high cutter density layout, applicable to medium hard to hard formations;
Deep blade configuration,deep blades and wide junk slots benefit rock debris removal and prevent mud balling;
Short to medium parabolic crown and heavy cutter density increase bit service life when drilling in medium hard formations

七个刀翼，小复合片切削齿，适合在中硬至硬地层中钻进；
可配备背齿、修边齿和倒划齿，降低扭矩波动，增加平稳性，并可以完成倒划眼作业：
短到中等抛物线冠部，高密度布齿，提高了钻头在中硬地层的使用寿命。

钻头参数 Bit Specific atio				钻头参数 Recommended Operation Parameters				
规格 (Inches) Size	喷嘴数 No.ofNozzles	保径长度 (inches) Gauge Length	API公螺纹连接 (inches) API Reg.PinConn.	泥浆排量 Hydraulic Flow Rate		钻速 (r/min) Rotation Speed	钻压 Weight On Bit	
				l/s	gpm		kn	klbs
12-1/4	7R	2	6-5/8	40~60	630~950	60~300	40~140	9~30
9-7/8	4R+3F	2-1/2	6-5/8	35~50	550~790	60~300	20~130	5~29
9-1/2	4R+3F	2-1/2	6-5/8	35~50	550~790	60~300	20~130	5~29
8-3/4	3R+4F	2-1/2	4-1/2	24~42	380~670	60~300	20~110	5~25
8-1/2	3R+4F	2-1/2	4-1/2	24~42	380~670	60~300	20~110	5~25

七刀翼PDC钻头

五刀翼PDC钻头

五刀翼胎体PDC钻头
RL1905IADC:M333/433

PDC cutters of different features are selected and bit profile design is optimized to suit different drilling applications in different formations to satisfy different requirement when drilling soft to medium hard formations.
Better wear resistance and higher strength of the bit are guaranteed in regard to material and structure by using matrix body material with quality materials.
Enhanced gage design to improve the bit's ability of gage protection.
Deep blade and long parabolic configuration,ensure optimal bottom hole flow pattern and anti-balling.
Anti-whirl design improves ROP and enhances the drilling stability.
According to the requirements of customers,design and produce different b

针对不同的地层岩石特征，优化冠部轮廓、优选不同功能的复合片，满足软到中硬地
同钻井需要。
采用优质材料，从材料和结构两方面确保钻头具有更好的耐磨性和更高的强度。
强化保径设计，加强钻头保径能力深刀翼长抛物线外形结构，井底流畅优化设计，有
岩屑的运移和防泥包。
抗回旋设计，提高了机械钻速，增强钻头稳定性。
可根据客户需求，设计制造适用于不同地层的钻头。

钻头参数 Bit Specific atio				钻头参数 Recommended Operation Parameters				
规格 (Inches) Size	喷嘴数 No.ofNozzles	保径长度 (inches) Gauge Length	API 公螺纹连接 API Reg.Pin Conn(inches)	泥浆排量 Hydraulic Flow Rate		钻速 Rotation Speed	钻压 Weight On Bit	
				l/s	gpm	(/min)	kn	klbs
14-3/4	7R	3-1/4	7-5/8	40-65	6001000	60~300	45-150	9~30
11-5/8	7R	3-1/8	6-5/8	35~60	550~950	60~300	35~130	8~29
12-1/4	7R	2-1/2	6-5/8	37~62	590~980	60~300	40~140	9~30
9-7/8	5R+2F	2-3/8	6-5/8	35~55	550~870	60~300	20~130	5~29
8-3/4	5R+1F	2	4-1/2	24~42	380~670	60~300	20~110	5~25
8-1/2	5R+2F	2-1/8	4-1/2	24~42	380~670	60~300	20~110	5~25
7-1/2	5R	3	4-1/2	24~42	380~670	60~300	20~110	5~25
5-7/8	2R+1F	1-1/2	3-1/2	18~32	280~490	60~300	10~80	2~18

金刚石复合片(PDC)
DIAMOND COMPOSITE (PDC)

Diamond composite (PDC) is a special superhard material synthesized by artificial diamond and hard alloy at one time under the condition of high temperature and high pressure. It not only has the advantages of high diamond hardness and wear resistance, but also has the characteristics of strong impact resistance and large edge of hard alloy. Using PDC as the blade of a bit can greatly improve the working efficiency of the bit, and it is an ideal bit for drilling into medium hard rock formation. The supporting body of this series of diamond PDC bit is forged and formed by high quality steel, which is processed by vacuum automatic heat treatment equipment to increase the mechanical properties. Using the domestic high quality composite blade blade, according to the different geological conditions to choose the corresponding quality grade, can achieve higher cost performance, to achieve the economic indicators of energy saving and high efficiency.

金刚石复合片(PDC)是在高温高压条件下，由人造金刚石与硬质合金一次性合成的特殊超硬材料，它不但具有金刚石硬度高、耐磨等优点，同时还具备了硬质合金抗冲击性强、出刃大等特点，用它做钻头的刀翼可大大提高钻头的工作效率，是钻进中硬岩层的理想钻头。本系列金刚石PDC钻头，托体采用优质的钢材锻压成型，经过真空全自动热处理设备进行增加机械性能处理。采用国内优质复合片做刀翼，根据地质条件的不同选用相应的质量等级，可达到更高的性价比，达到节能高效的经济指标。

序号	相关参数			
	直径(mm)	钻压(kn)	转速(rpm)	泵量(1/min)
1	Φ50	5~10	300~350	120~160
2	Φ56	5~10	250~350	130~180
3	Φ75	5~16	200~300	150~200
4	Φ94	8~20	150~250	200~250
5	Φ113	10~30	120~200	200~300
6	Φ153	15~50	100~200	650~1300
7	Φ190	25~60	100~200	1000~1500
8	Φ215	30~80	80~180	1500~2000
9	Φ311	50~100	60~200	3500~4000




刮刀钻头
65MM~311MM

Drag bit （65mm~311mm） is mainly used in soft and soft formations, with high ROP and bit penetration. The advantages of scraper bit are simple structure, convenient manufacture and low cost. Squeegee bits are generally suitable for soft formations, such as sand and soil. They are not suitable for coarse gravel or hard formations.
After years of production and operation development and technological innovation, our company has gradually established a professional team, including technical support and after-sales professionals, to serve the production, logistics and final use of products. Our full range of products, excellent quality, reasonable price, can save costs for your drilling project, large inventory, fast delivery.

刮刀钻头（65mm~311mm）主要用在软地层和粘软地层，具有很高的机械钻速和钻头进尺。刮刀钻头的优点是结构简单，制造方便，成本低。刮刀钻头通常适用于软地层，如：沙层、泥土层等，它们不适用于粗沙砾或者硬地层。
经过多年生产经营发展和技术创新，我公司逐步完善建立了专业的团队，包括技术支持和售后在内的专业人员，服务于生产、物流及产品最终使用。我们的产品品种全、质量优、价合理、能够为您的钻井项目节约成本、库存大、发货迅速。

产品展示 >>>
PRODUCT DISPLAY