



DTH DRILLING PRODUCTS 潜孔钻具



HENAN STAROCKDRILL EQUIPMENT Co., LTD

企业简介

COMPANY INTRODUCTION

Starockdrill Equipment Co., Ltd is one of the worlds leading manufacturers of top quality percussive rock drilling tools. Our high-performance products include drill bits, DTH bits and hammers,ODEX (Eccentric) Casing system and Symmetric & Concentric Casing systems; RC Hammers, RC Bits, all sizes DTH Drilling Rods and RC Rods; extensionand tunneling rods, integral and tapered rods, shank adapters and other drill tool accessories. Starockdrill Equipment provides a wide range of tools to mining, construction, tunneling, quarrying, and water well ects.Our drilling tools are developed based on the continuous input of operators and contractorsworking in the field. And we use the finest raw materials available, including premium steel and rugged carbide. Thats why our products exceed industry specifications for performance and safety.

Starockdrill Equipment also supply the drilling solutions for customers according to customers' detail requirements.We are committed to your productivity and efficiency and protect the environment and decrease the workers' working details. Our quality means your businessand Mission going on increasing.

Starockdrill Equipment have the complete after sales service team and bulk stock for normal sizes drilling tools . We will be online to solve problems at 7x24 hours.

We will be your good partners on drilling area.

Send us orders if you requirements.





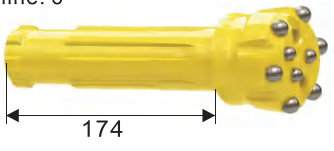

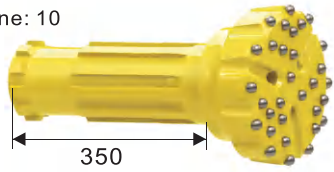
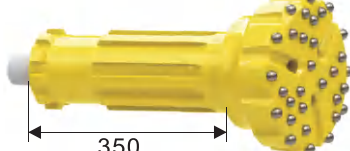
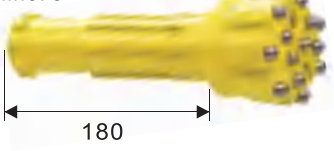

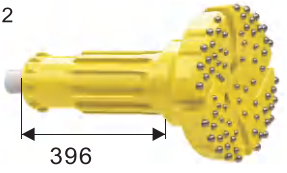

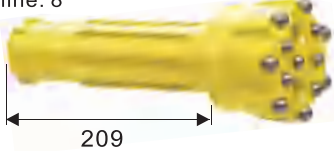

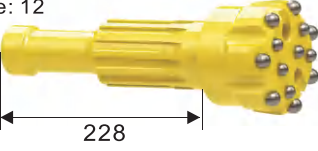
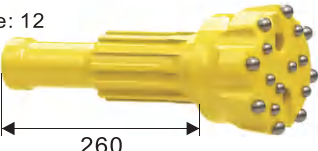
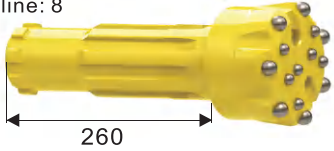
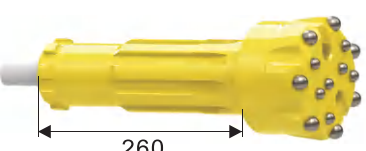
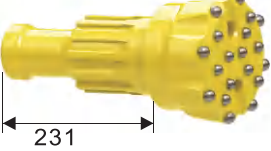



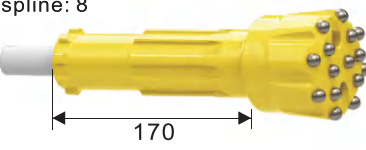
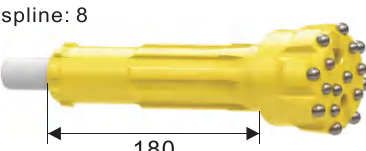
▲ Technology research and Development Center



▲ Italy Ji Aifei produced heat treatment production line


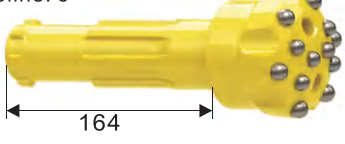


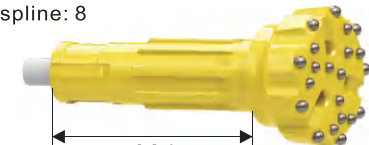
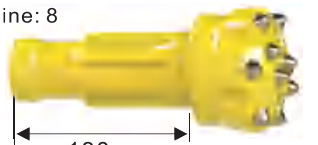




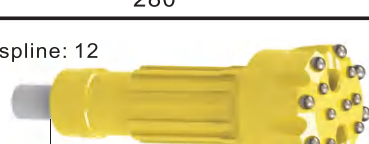
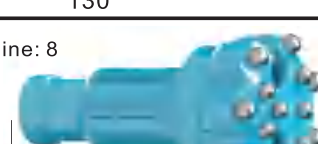





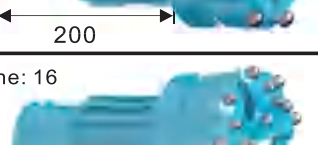
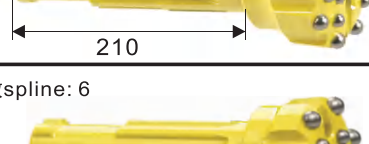



▲ Modern CNC production lines (metal processing)

<p>花键数spline: 6</p>  <p>2.5N 174</p>  <p>CWG76 174</p>	<p>花键数spline: 10</p>  <p>380N 350</p>  <p>DHD380 350</p>
<p>花键数spline: 8</p>  <p>3.5N 180</p>  <p>DHD3.5 180</p>	<p>花键数spline: 12</p>  <p>DHD110 396</p> <p>花键数spline: 8</p>  <p>Mission 30 224</p>
<p>花键数spline: 8</p>  <p>340N 209</p>  <p>DHD340A, IR4, Secoroc COP44 209</p>	<p>花键数spline: 12</p>  <p>Mission 40 228</p> <p>花键数spline: 12</p>  <p>Mission 50 260</p>
<p>花键数spline: 8</p>  <p>350N 260</p>  <p>DHD350R Secoroc COP54 260</p>	<p>花键数spline: 12</p>  <p>Mission 60 60W 65 231</p> <p>花键数spline: 12</p>  <p>Mission 80 329 mm</p>
<p>花键数spline: 8</p>  <p>360N 309</p>  <p>DHD360, IR SF6, Secoroc COP64 309</p>	<p>花键数spline: 8</p>  <p>Mach33 170</p> <p>花键数spline: 8</p>  <p>Mach44 180</p>

Bit Shank Identification Chart



花键数spline: 8  SD4 260	花键数spline: 6  BR3 164
花键数spline: 8  SD5 260	花键数spline: 12  BR4 209
花键数spline: 8  SD6 324	花键数spline: 8  XF90K 130
花键数spline: 8  SD8 321	花键数spline: 6  STR25 141
花键数spline: 10  QL40 280	花键数spline: 6  STR30 130
花键数spline: 12  QL50 240	花键数spline: 8  STR40 143
花键数spline: 12  QL60 253	花键数spline: 8  STR50 170
花键数spline: 16  QL80 332	花键数spline: 10  STR60 200
花键数spline: 10  MD4 210	花键数spline: 16  STR80 220
花键数spline: 6  BR2 165	花键数spline: 16  STR100 280

花键数spline: 8 COP34	花键数spline: 8 COPROD89
花键数spline: 12 TD40	花键数spline: 7 COPROD102
花键数spline: 8 COP32	花键数spline: 8 COPROD127
花键数spline: 7 COP42	花键数spline: 6 FZT140
花键数spline: 8 COP52	花键数spline: 8 RE054
花键数spline: 9 COP62	花键数spline: 8 DR53
花键数spline: 8 COPROD76	花键数spline: 8 PR54R

钻头头部形状与选项 Bit head design and selection



平面球齿型
Flat front
Spherical

适用钻凿硬岩，坚硬岩石及磨蚀性强岩层。
Applications:
For drilling in hard and abrasive rock.



平面边球中尖型
Flat front
Spherical+Ballistic

适用钻凿中硬岩，硬岩及中等磨蚀性岩石。
Applications:
For drilling in medium-hard to hard and moderately abrasive rock.



凸面边球中尖型
Convex front
Spherical+Ballistic

适用中硬岩及磨蚀性中等岩层。
Applications:
For drilling in medium-hard and moderately abrasive rock.



凸面全尖型
Convex front
Ballistic

适用非磨蚀性岩层的高速钻凿。
Applications:
For drilling at high penetration rates in non abrasive rock.



凹面球齿型
Concave front
Spherical

适用中硬岩，并有很小钻孔偏差。
Applications:
For drilling in medium-hard, minimum hole deviation control.

STR60 DTH
HAMMER

赚钱新利器 Meter Saver



——最牛钻具来了 Eye-catching hammer is coming

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亮点

赚钱: Cost saving

软、硬岩石每班多打孔1-2个
Proved 1-2 more holes/shift

省油: Fuel saving

同比空气压力升高, 转速下降

Higher air pressure held under same air supplied,
Less air consumption

保压: Air pressure holding

钻凿全过程压力恒定

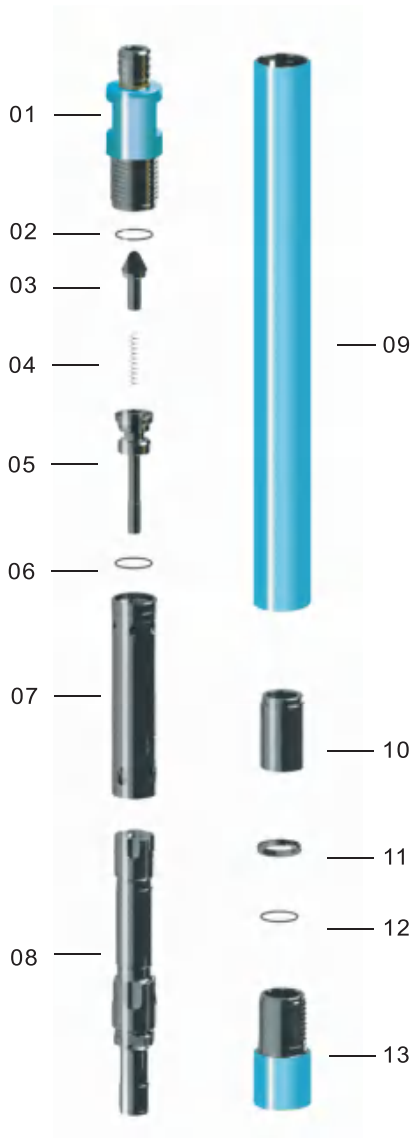
Constant air maintained during entire drilling life

耐用: Longevity

软、硬岩单套累计钻凿4000-15000米

Generally 4000 - 15000 meters depending on soft
or hard ground

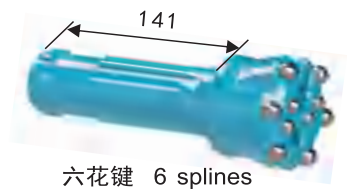
STR25



部件Replacement Parts	单重Weight(kg)	件号Part No.
01 后接头 T42X10X2	3.34	TND-HJT-25
02 O型圈 O-Ring	0.01	O-HJT-25
03 逆止阀 Check Valve Dart	0.10	TND-NZF-2.5
04 弹簧 Spring	0.02	TH-2.5
05 配气杆 Rigid Valve	0.45	TND-PQG-25
06 O型圈 O-Ring	0.01	O-PQG-25
07 内缸 Internal Cylinder	0.97	TND-NG-25
08 活塞 Piston	4.00	TND-HS-25
09 外套管 Piston Case	5.96	TND-WTG-25
10 导向套 Guide Sleeve	0.55	TND-DXT-25
11 卡环 Bit Retainer Ring	0.06	TND-KH-25
12 O型圈 O-Ring	0.01	O-KH-25
13 前接头 Driver Sub	1.74	TND-QJT-25
密封件 Seal Kit	0.03	SK-25
02 × 1		
06 × 1		
12 × 1		
易耗件 Consumable	11.07	CSB-25
01 × 1		
07 × 1		
11 × 1		
密封件 Seal Kit		

钻头尾柄 Bit shank
STR2.5

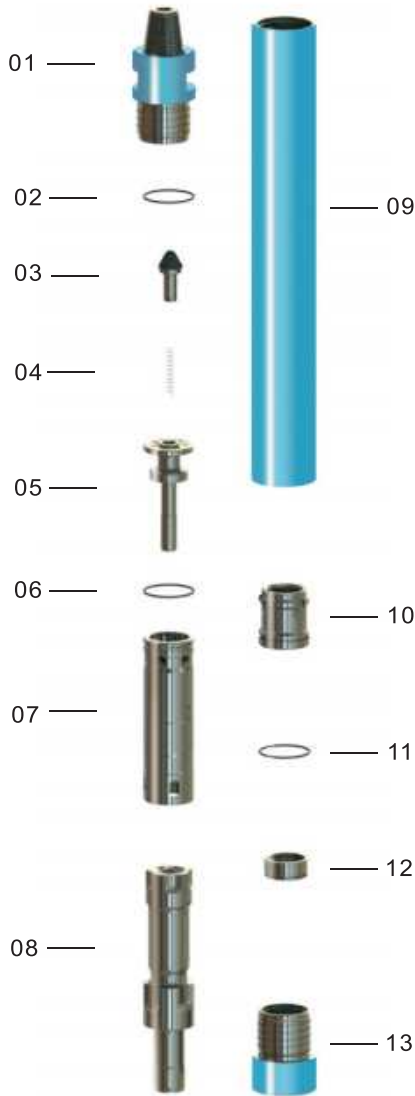
钻头直径 Bit dia
78;82



六花键 6 splines

重量Weight(kg)	外径Outside diameter(mm)	冲击器有效长度Hammer length without bit(mm)	
17.5	70	765	
钻孔范围Hole Range	适用气压Work Pressure	耗气量Air consumption,m3/min	
mm	bar	6bar	12bar
Φ78-Φ82	8-18	2	4

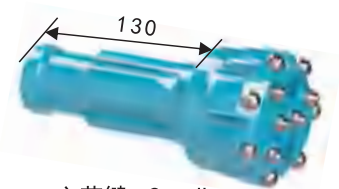
STR30



部件Replacement Parts	单重Weight(kg)	件号Part No.
01 后接头 Top Sub:2 $\frac{3}{8}$ "API REG	3.52	STR-HJT-30
02 O型圈 O-Ring	0.01	O-BCT-30
03 逆止阀 Check Valve Dart	0.02	TND-NZF-3.5
04 弹簧 Spring	0.02	TH-3.5
05 配气杆 Rigid Valve	0.66	STR-PQG-30
06 O型圈 O-Ring	0.01	O-BCT-30
07 内缸 Internal Cylinder	1.02	STR-NG-30
08 活塞 Piston	4.59	STR-HS-30
09 外套管 Piston Case	6.43	STR-WTG-30
10 保持套 Retainer Sleeve	0.87	STR-BCT-30
11 O型圈 O-Ring	0.01	O-BCT-30
12 卡环 Bit Retainer Ring	0.16	STR-KH-30
13 前接头 Driver Sub	1.68	STR-QJT-30
密封件 Seal Kit	0.03	SK-30
02 1		
06 1		
11 1		
易耗件 Consumable	11.66	CSB-30
01 1		
07 1		
11 1		
密封件 Seal Kit		

钻头尾柄 Bit shank
STR30

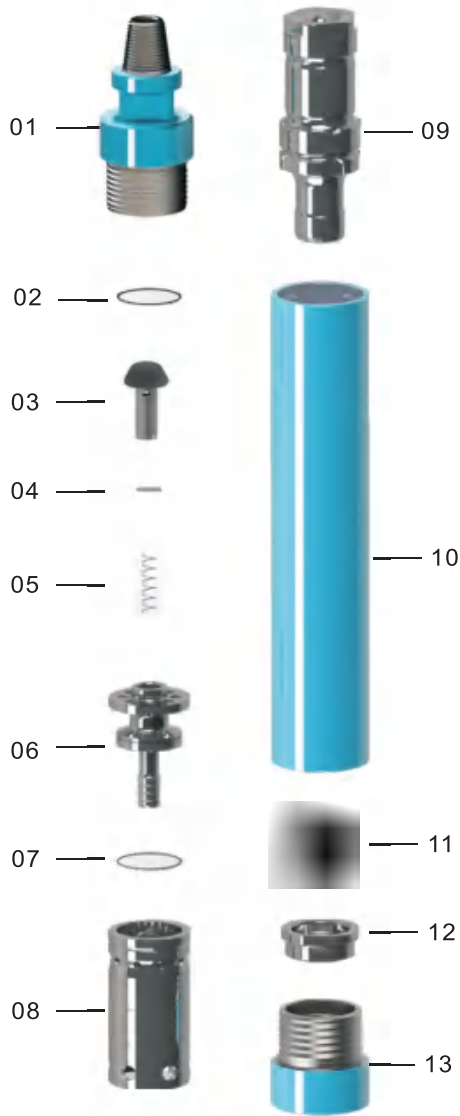
钻头直径 Bit dia
90; 95; 100



六花键 6 splines

重量Weight(kg)	外径Outside diameter(mm)	冲击器有效长度Hammer length without bit (mm)	
19	80	725	
钻孔范围Hole Range	适用气压Work Pressure	耗气量Air consumption,m3/min	
mm	bar	6bar	12bar
Φ90-Φ110	10-18	3.5	8

STR40



部件Replacement Parts	单重Weight(kg)	件号Part No.
01 后接头 Top Sub:2 ^{3/8} API REG	6.67	STR-HJT-46
02 O型圈 O-Ring	0.01	O-HJT-46
03 逆止阀 Check Valve Dart	0.15	TND-NZF-4/5
04 调气塞 Choke Blank (备选) (Optional)	0.01	TND-TQS-4/5
05 弹簧 Spring	0.02	TH-4/5
06 配气杆 Rigid Valve	1.70	STR-PQG-46
07 O型圈 O-Ring	0.01	O-PQG-46
08 内缸 Internal Cylinder	1.54	STR-NG-46
09 活塞 Piston	7.85	STR-HS-46
10 外套管 Piston Case	9.31	STR-WTG-46
11 导向套 Guide Sleeve	1.31	STR-DXT-46
12 卡环 Bit Retainer Ring	0.68	STR-KH-46
13 前接头 Driver Sub	3.45	STR-QJT-46
密封件 Seal Kit	0.02	SK-46
02 × 1		
07 × 1		
易耗件 Consumable	19.45	CSB-46
01 × 1		
10 × 1		
13 × 1		
密封件 Seal Kit		

钻头尾柄 Bit shank
STR40

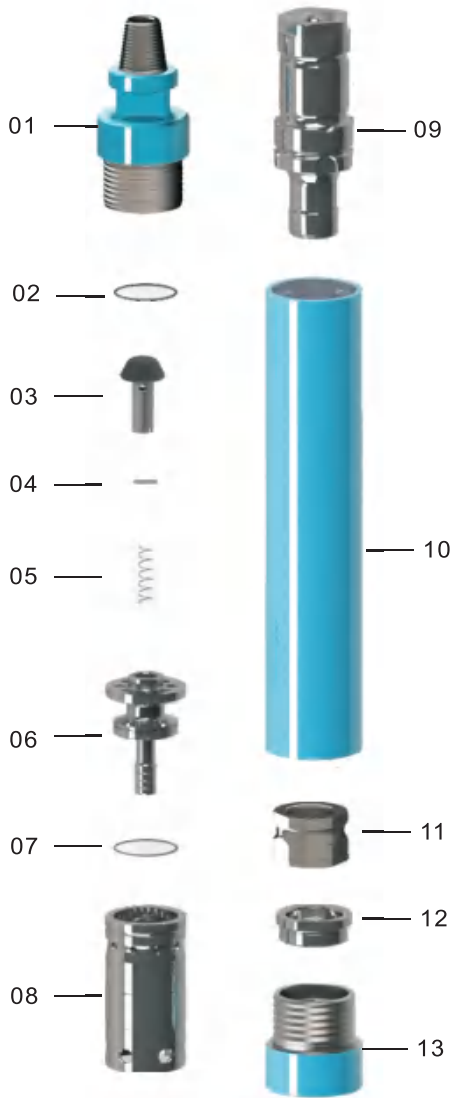
钻头直径 Bit dia
115;120;127;130



八花键 8 splines

重量Weight(kg)	外径Outside diameter(mm)	冲击器有效长度Hammer length without bit(mm)		
33	101	764		
钻孔范围Hole Range	适用气压Work Pressure	耗气量Air consumption,m3/min		
mm	bar	10bar	18bar	24bar
Φ 110-Φ 130	10-25	4.5	9	14

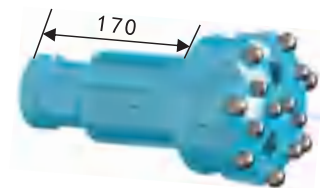
STR50



部件Replacement Parts	单重Weight(kg)	件号Part No.
01 后接头 Top Sub:2 ^{3/8} API REG	10.0	STR-HJT-56
3 ^{1/2} API REG	10.5	STR-HJT-56A *
02 O型圈 O-Ring	0.01	O-HJT-56
03 逆止阀 Check Valve Dart	0.16	TND-NZF-4/5
04 调气塞 Choke Blank (备选) (Optional)	0.01	TND-TQS-4/5
05 弹簧 Spring	0.02	TH-4/5
06 配气杆 Rigid Valve	1.72	STR-PQG-56
07 O型圈 O-Ring	0.01	O-PQG-56
08 内缸 Internal Cylinder	2.70	STR-NG-56
09 活塞 Piston	13.4	STR-HS-56
10 外套管 Piston Case	18.4	STR-WTG-56
11 导向套 Guide Sleeve	2.50	STR-DXT-56
12 卡环 Bit Retainer Ring	1.00	STR-KH-56
13 前接头 Driver Sub	6.00	STR-QJT-56
密封件 Seal Kit	0.02	SK-56
02 1		
07 1		
易耗件 Consumable	34.41	CSB-56
01 1		
10 1		
13 1		
密封件 Seal Kit		

钻头尾柄 Bit shank
STR50

钻头直径 Bit dia
140; 146; 148; 152

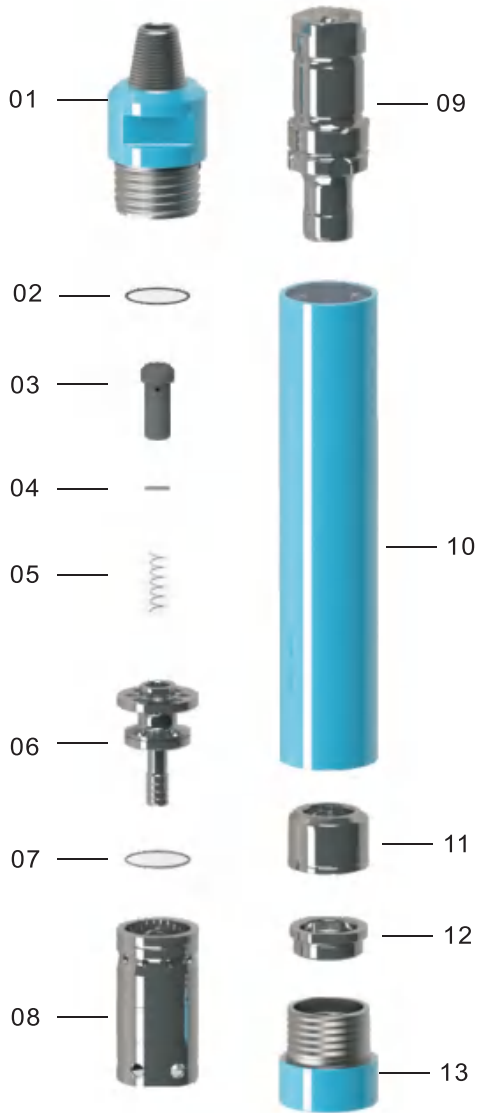


八花键 8 splines

重量Weight(kg)	外径Outside diameter(mm)	冲击器有效长度Hammer length without bit (mm)		
56	126	808		
钻孔范围Hole Range	适用气压Work Pressure	耗气量Air consumption,m3/min		
mm	bar	10bar	18bar	24bar
Φ140-Φ152	10-25	6	12.5	16.5

* 表示选配螺纹 ("*" Optional Thread type)

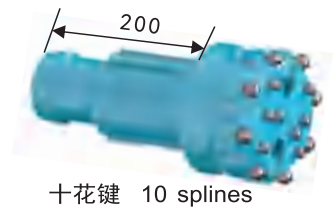
STR60



部件Replacement Parts	单重Weight(kg)	件号Part No.
01 后接头 Top Sub:3 $\frac{1}{2}$ "API REG	18.9	STR-HJT-66
02 O型圈 O-Ring	0.01	O-HJT-66
03 逆止阀 Check Valve Dart	0.8	TND-NZF-6/8
04 调气塞 Choke Blank (备选) (Optional)	0.01	TND-TQS-6/8
05 弹簧 Spring	0.05	TH-6/8
06 配气杆 Rigid Valve	3.73	STR-PQG-66
07 O型圈 O-Ring	0.01	O-PQG-66
08 内缸 Internal Cylinder	4.37	STR-NG-66
09 活塞 Piston	13.4	STR-HS-66
10 外套管 Piston Case	25.2	STR-WTG-66
11 导向套 Guide Sleeve	3.55	STR-DXT-66
12 卡环 Bit Retainer Ring	1.41	STR-KH-66
13 前接头 Driver Sub	7.75	STR-QJT-66
密封件 Seal Kit	0.02	SK-66
02 1		
07 1		
易耗件 Consumable	51.86	CSB-66
01 1		
10 1		
13 1		
密封件 Seal Kit		

钻头尾柄 Bit shank
STR60

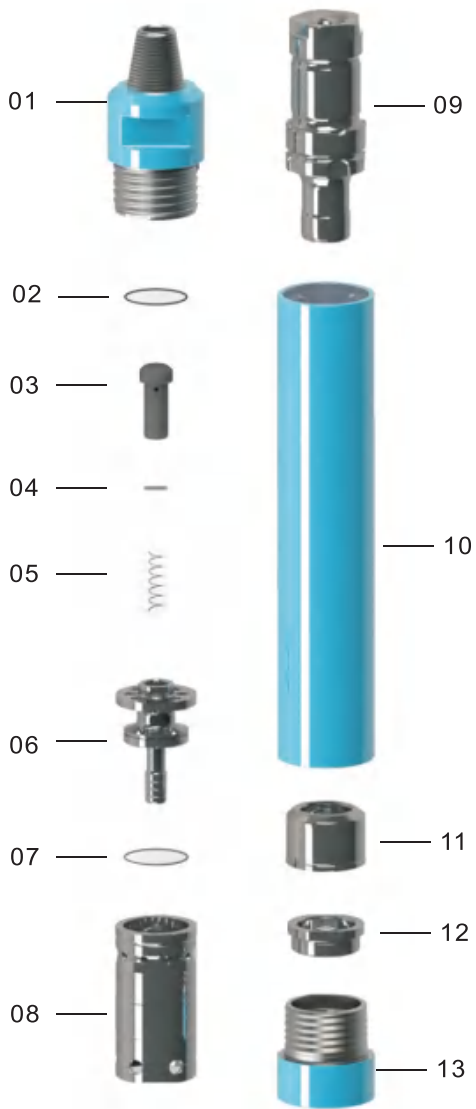
钻头直径 Bit dia
159;165;178



十花键 10 splines

重量Weight(kg)	外径Outside diameter(mm)	冲击器有效长度Hammer length without bit(mm)		
79	148	946		
钻孔范围Hole Range	适用气压Work Pressure	耗气量Air consumption,m ³ /min		
mm	bar	10bar	18bar	24bar
Φ 159-Φ 178	10-30	7	16	23.5

STR80



部件Replacement Parts	单重Weight(kg)	件号Part No.
01 后接头 Top Sub:4 $\frac{1}{2}$ "API REG	40.48	STR-HJT-86
02 O型圈 O-Ring	0.01	O-HJT-86
03 逆止阀 Check Valve Dart	0.8	TND-NZF-6/8
04 调气塞 Choke Blank (备选) (Optional)	0.01	TND-TQS-6/8
05 弹簧 Spring	0.05	TH-6/8
06 配气杆 Rigid Valve	6.72	STR-PQG-86
07 O型圈 O-Ring	0.01	O-PQG-86
08 内缸 Internal Cylinder	8.05	STR-NG-86
09 活塞 Piston	44.5	STR-HS-86
10 外套管 Piston Case	50	STR-WTG-86
11 导向套 Guide Sleeve	4.57	STR-DXT-86
12 卡环 Bit Retainer Ring	1.41	STR-KH-86
13 前接头 Driver Sub	13.4	STR-QJT-86
密封件 Seal Kit	0.02	SK-86
02 1		
07 1		
易耗件 Consumable	103.89	CSB-86
01 1		
10 1		
13 1		
密封件 Seal Kit		

钻头尾柄 Bit shank
STR80

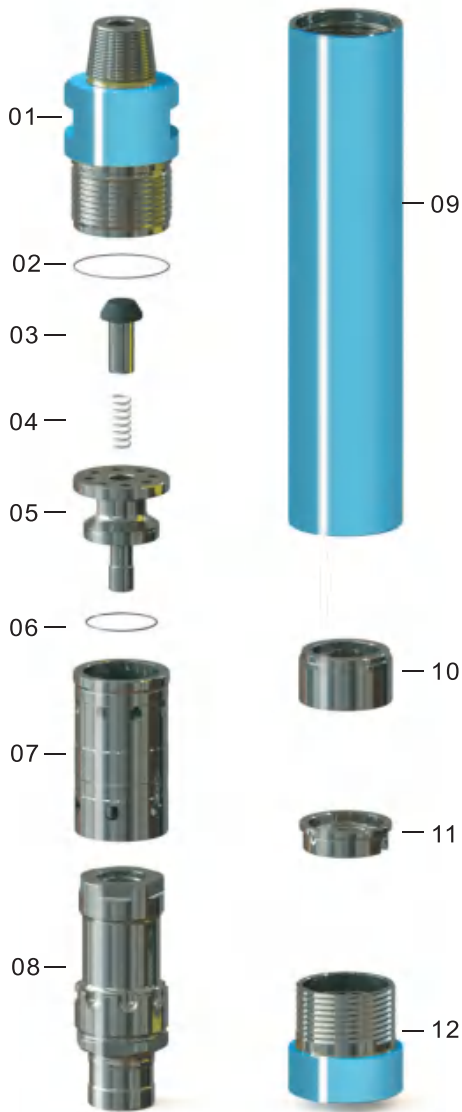
钻头直径 Bit dia
203;216;219;222;230;245



十六花键 16 splines

重量Weight(kg)	外径Outside diameter(mm)	冲击器有效长度Hammer length without bit (mm)		
170	184	1132		
钻孔范围Hole Range	适用气压Work Pressure	耗气量Air consumption,m ³ /min		
mm	bar	10bar	18bar	24bar
Φ203-Φ245	14-35	9	20	26

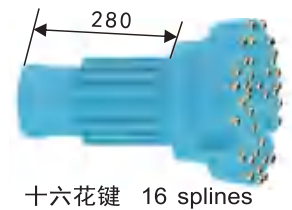
STR100



部件Replacement Parts	单重Weight(kg)	件号Part No.
01 后接头 Top Sub:5 $\frac{1}{2}$ "API REG	71.88	STR-HJT-100
02 O型圈 O-Ring	0.01	O-HJT-100
03 逆止阀 Check Valve Dart	0.9	STR-NZF-100
04 弹簧 Spring	0.05	TH-100
05 配气杆 Rigid Valve	13.12	STR-PQG-100
06 O型圈 O-Ring	0.01	O-PQG-100
07 内缸 Internal Cylinder	13.12	STR-NG-100
08 活塞 Piston	61.46	STR-HS-100
09 外套管 Piston Case	90.05	STR-WTG-100
10 导向套 Guide Sleeve	8.69	STR-DXT-100
11 卡环 Bit Retainer Ring	3.08	STR-KH-100
12 前接头 Driver Sub	21.53	STR-QJT-100
密封件 Seal Kit	0.02	SK-100
02 1		
06 1		
易耗件 Consumable	183.48	CSB-100
01 1		
09 1		
12 1		
密封件 Seal Kit		

钻头尾柄 Bit shank
STR100

钻头直径 Bit dia
240;245;275;305



十六花键 16 splines

重量Weight(kg)	外径Outside diameter(mm)	冲击器有效长度Hammer length without bit(mm)		
284	220	1280		
钻孔范围Hole Range	适用气压Work Pressure	耗气量Air consumption,m3/min		
mm	bar	10bar	18bar	24bar
Φ240-Φ311	17-35	18	38	64