低风压系列潜孔冲击器的特点
The Characteristics Of Low Air Pressure DTH Hammers

HR系列潜孔冲击器是一种有阀低风压冲击器，属于单活塞、板阀、中心排气结构的冲击器，以压缩空气为动力。为防止粉尘污染，可在压缩空气中加入少量高压水，进行湿式凿岩。

主要有以下特点：

1. 单次冲击能大，破碎岩石的能耗低；

2. 活塞与钻头重量比接近，有效作用时间长，有利于提高岩石破碎效率和延长钻具的寿命；

3. 中心排气排渣效果好，减少了岩石的重复破碎；

4. 冲击器带有逆止阀装置，可在水中钻凿炮孔。

HR系列潜孔冲击器，广泛应用于能源、交通、冶金、建材等行业，是理想的穿孔设备。

HR Series DTH Hammer, a kind of valve-equipped Low-Air-Pressure hammer with a single piston、 a plate valve and a central exhaust structure.The compressed air is adopted as the driving force. To prevent dust pollution and get a better performance, some hjgh-pressure water may be added into the air for wet rock drilling.

It is mainly featured in:

1、 The strong energy of single impact and the low energy consumption in rock crushing;

2、 The weight ratio of Piston and Bit almost reaches 1:1 to provide long effective acting time, which leads to the improved efficiency in rock crushing and the extended service life of the drilling tool;

3、A good performance in central air exhaust and cuttings discharge, which reduces the repeated crushing of rock;

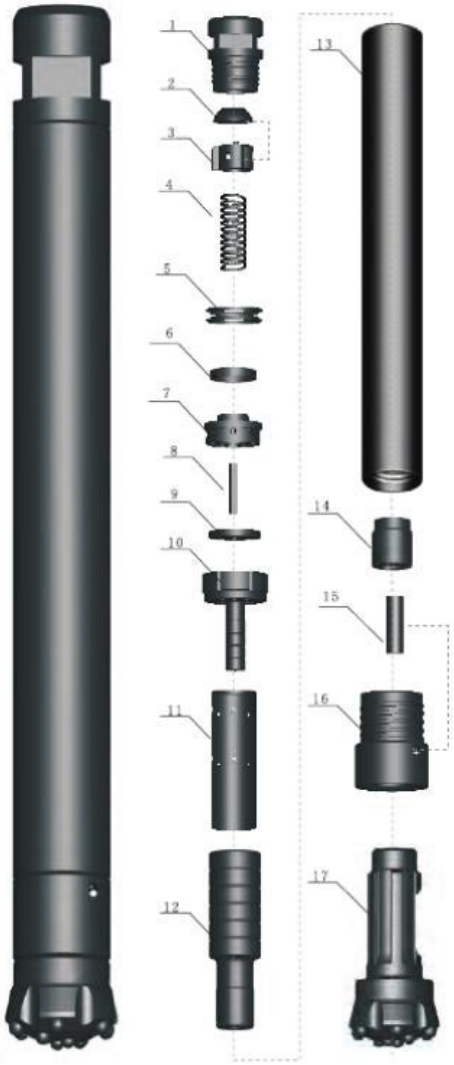
4、A check vlave device is available to drill holes under water.

The HR Series DTH Hammer, an ideal drilling tool, is widely used in such industries relating to energy,transportation,metallurgy,building etc.

ALTA CALIDAD,MUY BUENO RENDIMIENTO

HR90 潜孔冲击器
HR90 DTH HAMMER

低 风 压 冲 击 器 系 列
Low Air Pressure DTH Hammers



Item Description（零部件名称）		Weight（重量）Kg	Part Number（零部件代号）
1、接 头	Top Sub	2.80	HR9001
2、顶 头	Valve Seal	0.01	HR9002
3、逆止阀	Check Valve	0.02	HR9003
4、弹 簧	Spring	0.01	HR9004
5、承压垫	Compression Buffer	0.01	HR9005
6、胶 圈	"O" Ring	0.01	HR9006
7、阀 盖	Valve cover	0.60	HR9007
8、导向管	Guide Tube	0.01	HR9008
9、阀 片	Valve	0.01	HR9009
10、阀 座	Air Distributor	0.60	HR9010
11、内 缸	Internal Cylinder	2.00	HR9011
12、活 塞	Piston	4.00	HR9012
13、外 缸	External Cylinder	5.80	HR9013
14、衬 套	Guided Sleeve	1.20	HR9014
15、挡 柱	Stop Ring	0.01	HR9015
16、卡钎套	Drive Chuck	1.60	HR9016
17、钻 头	Drill Bit	3.50	HR9017

技 术 参 数
Technical Data

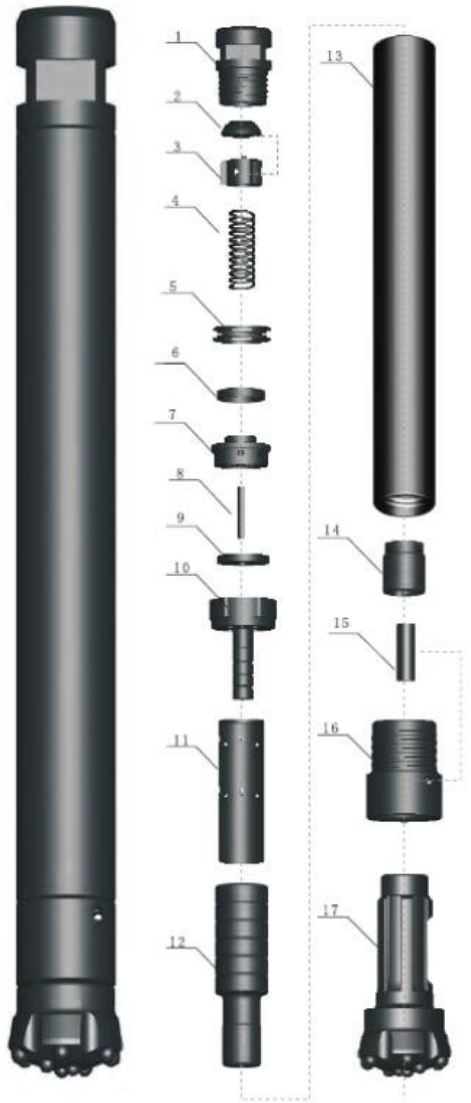
总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread
800mm	19.00Kg	Φ80mm	CIR90	Φ85—Φ110	T48x10x2

可用工作风压 Working Pressure	在0.5Mpa时的冲击频率 Impact rate at 0.5Mpa	推荐转速 Recommended rotation speed	耗风量 Air consumption	
			0.5Mpa	0.7Mpa
0.5—0.7Mpa	14HZ	25-40r/min	6.5m³/min	8m³/min

好歹到尾才会知。
Only in the end can we tell cheese from chalk.

HR110 潜孔冲击器
HR110 DTH HAMMER

低 风 压 冲 击 器 系 列
Low Air Pressure DTH Hammers



Item Description（零部件名称）			Weight（重量）Kg	Part Number（零部件代号）
1、	接 头	Top Sub	5.00	HR11001
2、	顶 头	Valve Seal	0.01	HR11002
3、	逆止阀	Check Valve	0.02	HR11003
4、	弹 簧	Spring	0.005	HR11004
5、	承压垫	Compression Buffer	0.015	HR11005
6、	胶 圈	“O” Ring	0.01	HR11006
7、	阀 盖	Valve Cover	0.80	HR11007
8、	导向管	Guide Tube	0.01	HR11008
9、	阀 片	Valve	0.015	HR11009
10、	阀 座	Air Distributor	1.00	HR11010
11、	内 缸	Internal Cylinder	2.80	HR11011
12、	活 塞	Piston	7.00	HR11012
13、	外 缸	External Cylinder	8.80	HR11013
14、	衬 套	Guided Sleeve	1.40	HR11014
15、	挡 柱	Stop Ring	0.01	HR11015
16、	卡钎套	Drive Chuck	3.80	HR11016
17、	钻 头	Drill Bit	6.40	HR11017

技 术 参 数
Technical Data

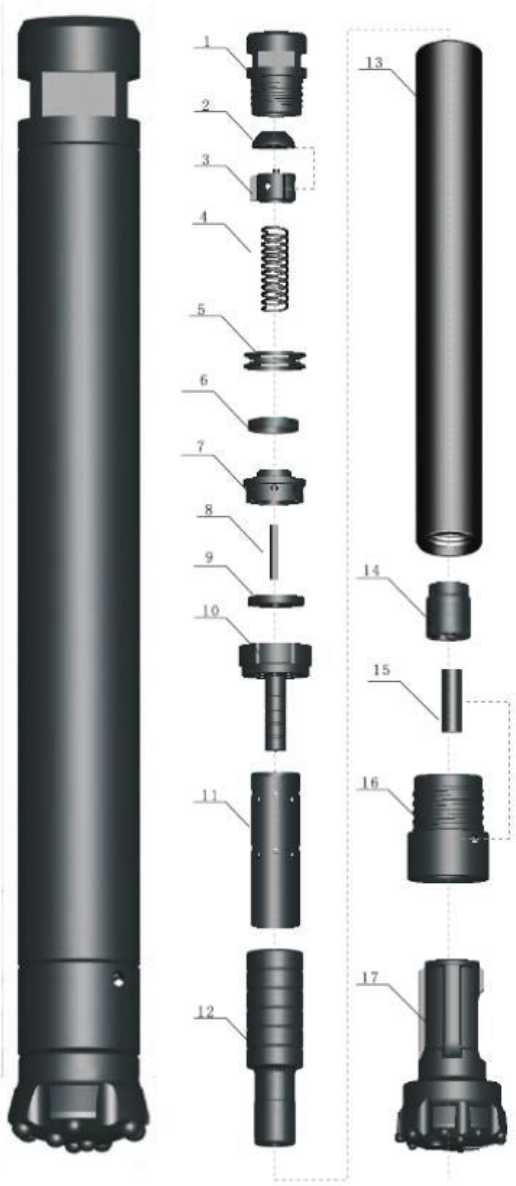
总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread
839mm	32.00Kg	Φ98mm	CIR110	Φ110—Φ135	API 2⅜" Reg Box

可用工作风压 Working Pressure	在0.5Mpa时的冲击频率 Impact rate at 0.5Mpa	推荐转速 Recommended rotation speed	耗风量 Air consumption	
			0.5Mpabar	0.7Mpa
0.5—0.7Mpa	14HZ	25–40r/min	9.5m³/min	11m³/min

钱财身外之物，助人分内之事。
Money will come and go,be a helper is the role.

HR150 潜孔冲击器
HR150 DTH HAMMER

低 风 压 冲 击 器 系 列
Low Air Pressure DTH Hammers



Item Description（零部件名称）		Weight（重量）Kg	Part Number（零部件代号）
1、接 头	Top Sub	10.40	HR15001
2、顶 头	Valve Seal	0.03	HR15002
3、逆止阀	Check Valve	0.035	HR15003
4、弹 簧	Spring	0.015	HR15004
5、承压垫	Compression Buffer	0.06	HR15005
6、胶 圈	"O" Ring	0.035	HR15006
7、阀 盖	Valve Cover	2.00	HR15007
8、导向管	Guide Tube	0.02	HR15008
9、阀 片	Valve	0.05	HR15009
10、阀 座	Air Distributor	2.60	HR15010
11、内 缸	Internal Cylinder	5.40	HR15011
12、活 塞	Piston	14.00	HR15012
13、外 缸	External Cylinder	22.20	HR15013
14、衬 套	Guided Sleeve	3.20	HR15014
15、挡 柱	Stop Ring	0.025	HR15015
16、卡钎套	Drive Chuck	8.20	HR15016
17、钻 头	Drill Bit	12.50	HR15017

技 术 参 数
Technical Data

总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread
908mm	69.00Kg	Φ137mm	CIR150	Φ155—Φ178	T75x10x2.5 Box

可用工作风压 Working Pressure	在0.5Mpa时的冲击频率 Impact rate at 0.5Mpa	推荐转速 Recommended rotation speed	耗风量 Air consumption	
			0.5Mpa	0.7Mpa
0.5—0.7Mpa	13HZ	25-40r/min	15m³/min	17m³/min

料事要准，遇事要忍，出手要狠，善后要稳。
Rigorous in prophecy,wise to endure,sharp in handling,stable to rehabilitate.

中低风压系列潜孔冲击器的特点
The Characteristics Of Middle-Low Air Pressure DTH Hammers

HBR1A、HBR2A和HBR3A潜孔冲击器是一种可与BR系列钻头相配的中低风压冲击器。

其主要特点如下：

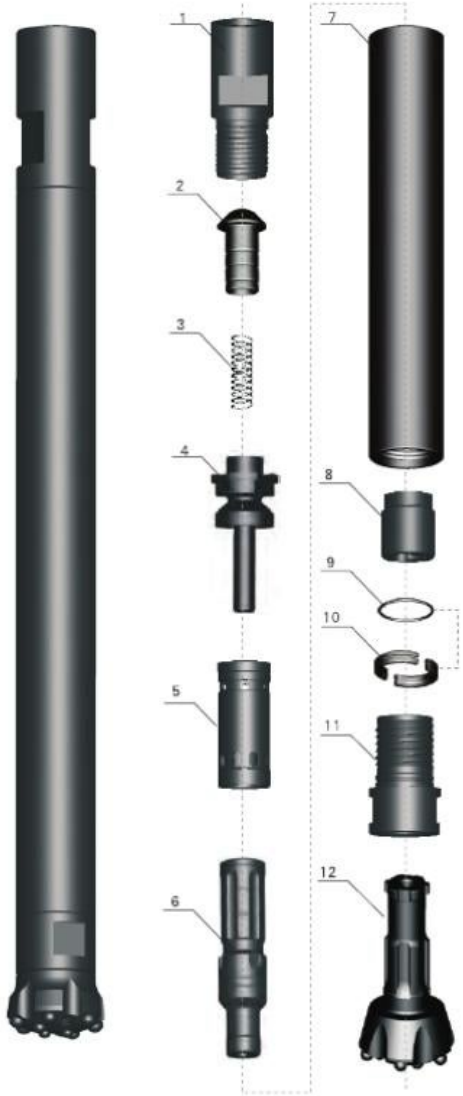
1. 适应工作风压为0.7-1.75Mpa。
2. 该冲击器为无阀冲击器。
3. 结构简单、拆卸容易、寿命长。
4. 冲击功率大，钻进速度快。
5. 耗风量小，能耗低。当需要加大排渣时，可在逆止阀上钻孔。
6. 特别适应于石材开采。

HBR1A, HBR2A and HBR3A series DTH Hammers are designed to operate efficiently at low air pressures and medium air pressures, using BR series bits.

The main features are as follows:

1. The operating air pressures are between 0.7Mpa and 1.75Mpa.
2. Valveless hammers.
3. Simple structure, easy to assemble and to disassemble, long life.
4. Higher impact frequency and faster drilling speed.
5. lower air consumption and lower oil consumption. A hole can be drilled on the check valve to provide more efficient cuttings discharge.
6. Especially suitable for quarrying.

ALTA CALIDAD,MUY BUENO RENDIMIENTO

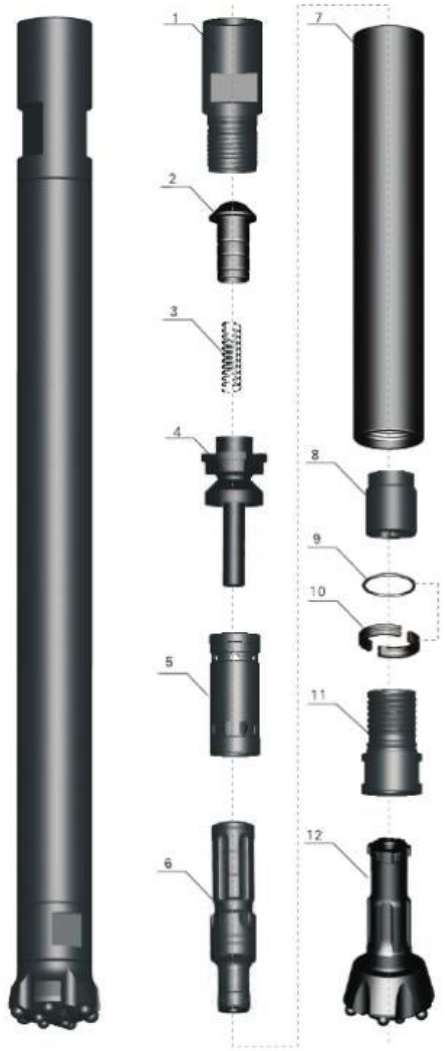


Item Description（零部件名称）		Weight（重量）Kg	Part Number（零部件代号）
1、	接　头 Top Sub	2.60	HBR201
2、	逆止阀 Check Valve	0.10	HBR202
3、	弹　簧 Spring	0.05	HBR203
4、	配气座 Air Distributor	0.60	HBR204
5、	内　缸 Internal Cylinder	0.80	HBR205
6、	活　塞 Piston	3.80	HBR206
7、	外　缸 External Cylinder	4.50	HD2507
8、	衬　套 Guided Sleeve	0.60	HBR208
9、	卡环O形圈 “O” Ring of Stop Ring	0.005	HBR209
10、	卡　环 Stop Ring	0.10	HBR210
11、	卡钎套 Drive Chuck	1.20	HBR211
12、	钻　头 Drill Bit	2.50	HBR212

技术参数
Technical Data

总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread
880mm	14.50Kg	Φ62mm	BR2	Φ70—Φ90	RD50 BOX

可用工作风压 Working Pressure	在1.4Mpa时的冲击频率 Impact rate at 1.4Mpa	推荐转速 Recommended rotation speed	耗风量 Air consumption		
			0.7Mpa	1.0Mpa	1.4Mpa
0.7—1.75Mpa	25HZ	25–40r/min	2.5m³/min	4m³/min	5m³/min



Item Description（零部件名称）	Weight（重量）Kg	Part Number（零部件代号）
1、接　头 Top Sub	1.70	HBR101
2、逆止阀 Check Valve	0.10	HBR102
3、弹　簧 Spring	0.05	HBR103
4、配气座 Air Distributor	0.80	HBR104
5、内　缸 Internal Cylinder	0.80	HBR105
6、活　塞 Piston	1.20	HBR106
7、外　缸 External Cylinder	4.00	HBR107
8、衬　套 Guided Sleeve	0.15	HBR108
9、卡环O形圈 "O" Ring of Stop Ring	0.05	HBR109
10、卡　环 Stop Ring	0.10	HBR110
11、卡钎套 Drive Chuck	0.80	HBR111
12、钻　头 Drill Bit	1.70	HBR112

技术参数
Technical Data

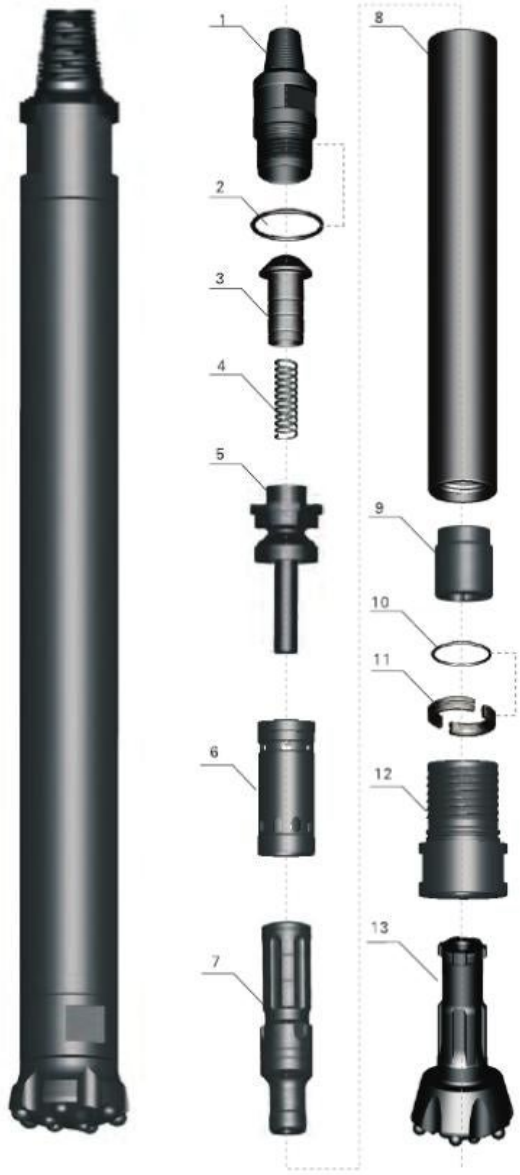
总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread
760mm	10.00Kg	Φ54mm	BR1	Φ64—Φ76	RD40 BOX

可用工作风压 Working Pressure	在1.4Mpa时的冲击频率 Impact rate at 1.4Mpa	推荐转速 Recommended rotation speed	耗风量 Air consumption		
			0.7Mpa	1.0Mpa	1.4Mpa
0.7—1.75Mpa	27HZ	25–40r/min	1.5m³/min	2.5m³/min	3m³/min

胸怀有多大，事业就有多大。
How broad your heart is, how grand your undertaking is.

HBR3A潜孔冲击器
HBR3A DTH HAMMER

中 低 风 压 冲 击 器 系 列
Middle–Low Air Pressure DTH Hammers



Item Description（零部件名称）	weight（重量）Kg	Part Number（零部件代号）
1、接　　头 Top Sub	5.20	HBR3A01
2、接头O形圈 "O" Ring of Top Sub	0.01	HBR3A02
3、逆 止 阀 Check Valve	0.20	HBR3A03
4、弹　　簧 Spring	0.02	HBR3A04
5、配 气 座 Air Distributor	0.80	HBR3A05
6、内　　缸 Internal Cylinder	1.30	HBR3A06
7、活　　塞 Piston	5.50	HBR3A07
8、外　　缸 External Cylinder	9.50	HBR3A08
9、衬　　套 Guided Sleeve	1.00	HBR3A09
10、卡环O形圈 "O" Ring of Stop Ring	0.05	HBR3A10
11、卡　　环 Stop Ring	0.15	HBR3A11
12、卡 钎 套 Drive Chuck	2.00	HBR3A12
13、钻　　头 Drill Bit	4.00	HBR3A13

技 术 参 数
Technical Data

总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread	
889mm	26.00Kg	Φ82mm	BR3	Φ90—Φ110	API 2⅜" Reg	
可用工作风压 Working Pressure	在1.4Mpa时的冲击频率 Impact rate at 1.4Mpa	推荐转速 Recommended rotation speed		耗风量 Air consumption		
				0.7Mpa	1.0Mpa	1.4Mpa
0.7—1.75Mpa	25HZ	25–40r/min		4m³/min	6m³/min	8m³/min

成功的秘诀无他:吃必要的苦,耐必要的劳。
The recipe for success: bear the essential hardships, endure the essential pains.

有尼龙管高风压潜孔冲击器的特点

The Characteristics Of High Air Pressure DTH Hammer with foot valve

所配钻头有尼龙管高风压潜孔冲击器是我公司自行设计的无阀高风压冲击器。

其主要特点如下：

1. 采用无阀方式配气，配气可靠。
2. 活塞构造简单，不易损坏。
3. 能量传递理想，钻进速度快，耗气量少，油耗低。
4. 所用部件少，结构简单，加上各部件均硬化处理，因此，工作寿命长，故障少，维修方便。
5. 接头和卡钎套采用多头螺纹与外缸联接，拆卸容易。

It is a kind of valveless high air pressure DTH Hammer with foot valve.

It has the following advantages:

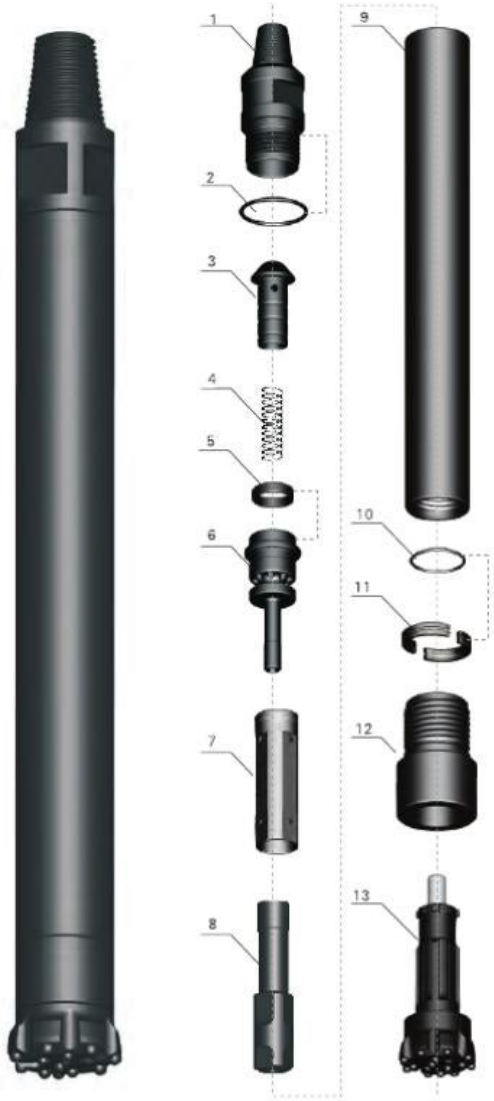
1. Valveless air distribution. More reliable.
2. Simple design of the piston, long life.
3. More efficient energy transfer, faster drilling speed, lower air consumption and lower oil consumption.
4. Fewer internal parts, simple structure, longer life, less failure and easier to maintain because all the parts are heat treated.
5. Easy to disassemble because the top sub, the drive chuck and the external cylinder are connected by multi-step thread.

ALTA CALIDAD,MUY BUENO RENDIMIENTO

3"

HD35潜孔冲击器
HD35 DTH HAMMER

有尼龙管高风压冲击器系列
High Air Pressure with foot vlave DTH Hammers



Item Description（零部件名称）	Weight（重量）Kg	Part Number（零部件代号）
1、接　头 Top Sub	4.20	HD3501
2、接头O形圈 "O" Ring of Top Sub	0.01	HD3502
3、逆 止 阀 Check Valve	0.20	HD3503
4、弹　簧 Spring	0.02	HD3504
5、承 压 垫 Compression Buffer	0.02	HD3505
6、配 气 座 Air Distributor	1.40	HD3506
7、内　缸 Internal Cylinder	1.50	HD3507
8、活　塞 Piston	5.60	HD3508
9、外　缸 External Cylinder	9.90	HD3509
10、卡环O形圈 "O" Ring of Stop Ring	0.01	HD3510
11、卡　环 Stop Ring	0.15	HD3511
12、卡 钎 套 Drive Chuck	1.90	HD3512
13、钻　头 Drill Bit	5.00	HD3513

技术参数
Technical Data

总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread
930mm	25.00Kg	Φ82mm	DHD3.5	Φ90—Φ110	API 2⅜" Reg

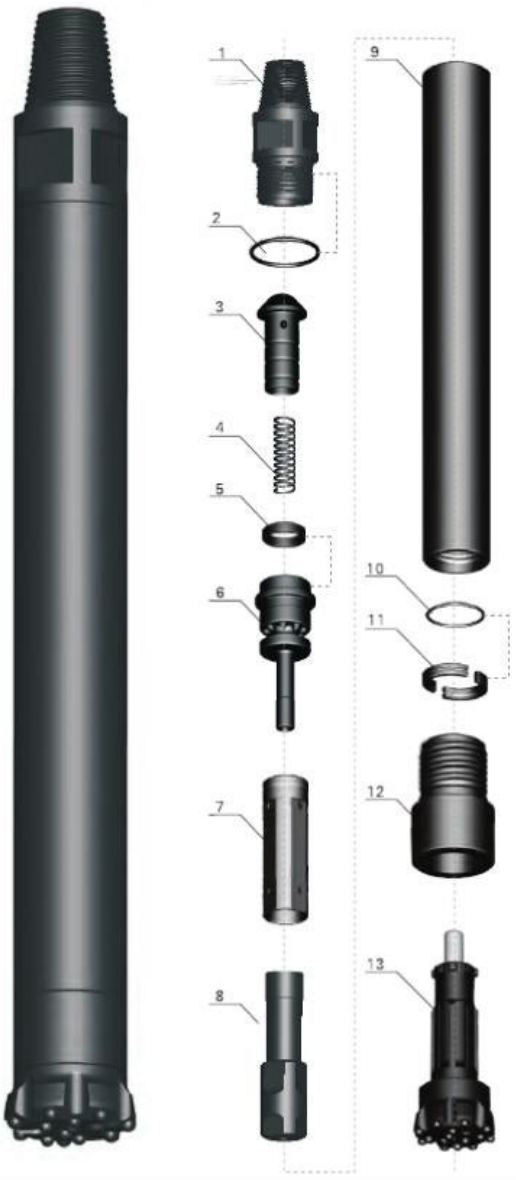
可用工作风压 Working Pressure	在1.5Mpa时的冲击频率 Impact rate at 1.5Mpa	推荐转速 Recommended rotation speed	耗风量 Air consumption	
			1.0Mpa	1.5Mpa
1.0—1.5Mpa	28HZ	25–40r/min	4.5m³/min	9.0m³/min

当你努力时，上帝看得见。
God will prove your efforts.

4"

HD45 潜 孔 冲 击 器
HD45 DTH HAMMER

有 尼 龙 管 高 风 压 冲 击 器 系 列
High Air Pressure with foot vlave DTH Hammers



Item Description (零部件名称)	Weight (重量) Kg	Part Number (零部件代号)
1、接　　头 Top Sub	6.50	HD4501
2、接头O形圈 "O" Ring of Top Sub	0.01	HD4502
3、逆 止 阀 Check Valve	0.42	HD4503
4、弹　　簧 Spring	0.04	HD4504
5、承 压 垫 Compression Buffer	0.04	HD4505
6、配 气 座 Air Distributor	2.20	HD4506
7、内　　缸 Internal Cylinder	2.30	HD4507
8、活　　塞 Piston	9.00	HD4508
9、外　　缸 External Cylinder	15.00	HD4509
10、卡环O型圈 "O" Ring of Stop Ring	0.01	HD4510
11、卡　　环 Stop Ring	0.20	HD4511
12、卡 钎 套 Drive Chuck	3.50	HD4512
13、钻　　头 Drill Bit	9.00	HD4513

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

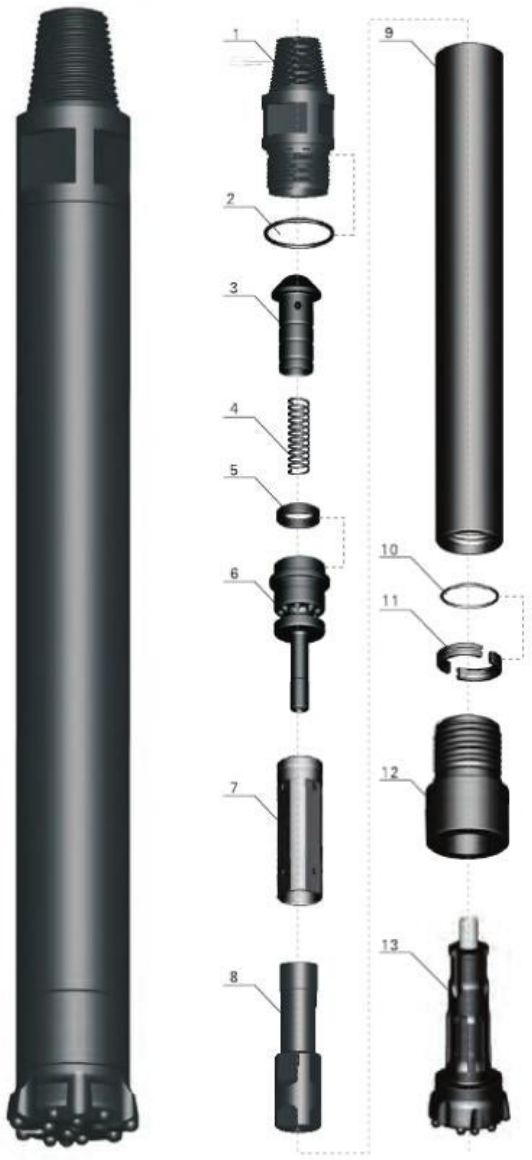
技 术 参 数
Technical Data

总长（不含钻头） Length(Less bit)	总重（不含钻头） Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread	
1030mm	39.00Kg	Φ99mm	Cop44 DHD340	Φ110—Φ135	API 2⅜" Reg	
可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed		耗风量 Air consumption		
				1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	27HZ	25–40r/min		6m³/min	10m³/min	15m³/min

你希望别人怎么样对待你，你就怎么样对待别人。
The way you treat others will reflect to yourself.

HSD4潜孔冲击器
HSD4 DTH HAMMER

有尼龙管高风压冲击器系列
High Air Pressure with foot vlave DTH Hammers



Item Description (零部件名称)	Weight (重量) Kg	Part Number (零部件代号)
1、接　头 Top Sub	6.50	HSD401
2、接头O形圈 "O" Ring of Top Sub	0.01	HSD402
3、逆止阀 Check Valve	0.42	HSD403
4、弹　簧 Spring	0.04	HSD404
5、承压垫 Compression Buffer	0.04	HSD405
6、配气座 Air Distributor	2.20	HSD406
7、内　缸 Internal Cylinder	2.50	HSD407
8、活　塞 Piston	9.00	HSD408
9、外　缸 External Cylinder	15.60	HSD409
10、卡环O型圈 "O" Ring of Stop Ring	0.02	HSD410
11、卡　环 Stop Ring	0.20	HSD411
12、卡钎套 Drive Chuck	4.00	HSD412
13、钻　头 Drill Bit	9.60	HSD413

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

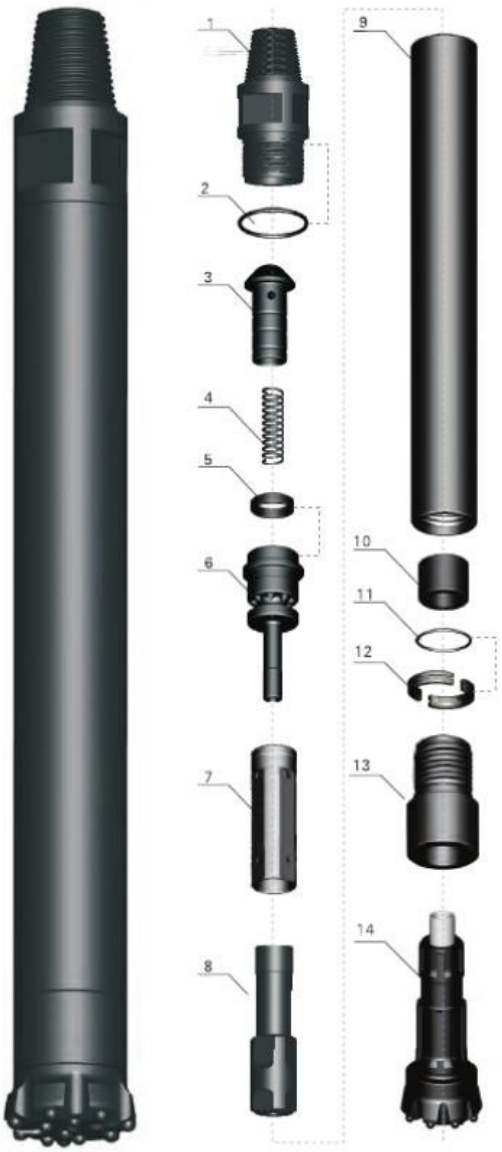
技术参数
Technical Data

总长（不含钻头） Length(Less bit)	总重（不含钻头） Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread	
1084mm	40.5Kg	Φ99mm	SD4	Φ110—Φ135	API 2⅜" Reg	
可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed		耗风量 Air consumption		
				1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	27HZ	25-40r/min		6m³/min	10m³/min	15m³/min

火大无湿柴，功到事不难。
Enough efforts,smooth roads.

HQL4潜孔冲击器
HQL4 DTH HAMMER

有尼龙管高风压冲击器系列
High Air Pressure with foot vlave DTH Hammers



Item Description（零部件名称）	Weight（重量）Kg	Part Number（零部件代号）
1、接　头 Top Sub	6.50	HQL401
2、接头O形圈 "O" Ring of Top Sub	0.01	HQL402
3、逆 止 阀 Check Valve	0.42	HQL403
4、弹　簧 Spring	0.04	HQL404
5、承 压 垫 Compression Buffer	0.04	HQL405
6、配 气 座 Air Distributor	2.20	HQL406
7、内　缸 Internal Cylinder	2.30	HQL407
8、活　塞 Piston	8.80	HQL408
9、外　缸 External Cylinder	16.50	HQL409
10、衬　套 Guided Sleeve	0.80	HQL410
11、卡环O型圈 "O" Ring of Stop Ring	0.01	HQL411
12、卡　环 Stop Ring	0.30	HQL412
13、卡 钎 套 Drive Chuck	3.00	HQL413
14、钻　头 Drill Bit	9.50	HQL414

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

技术参数
Technical Data

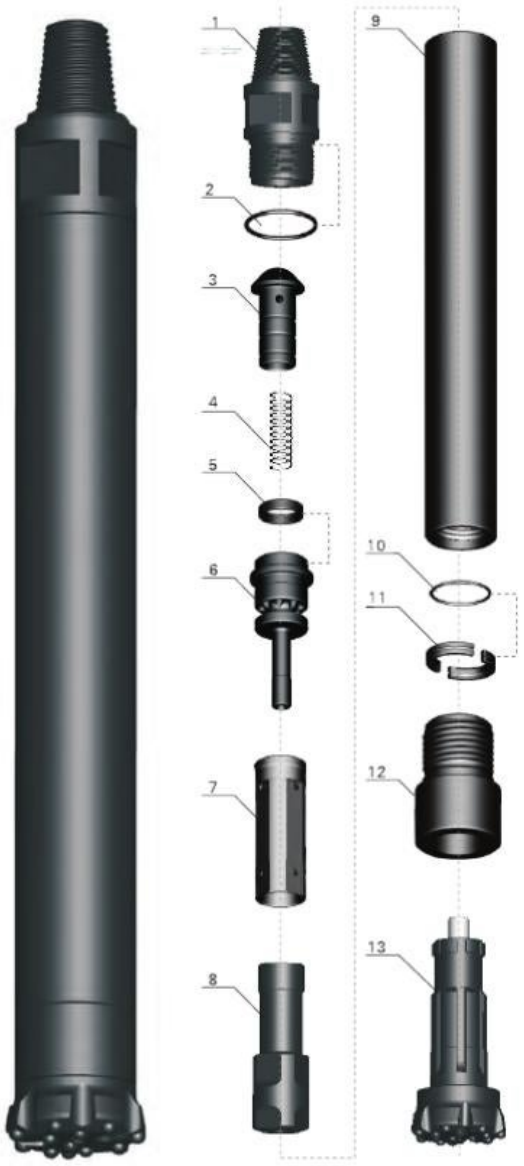
总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread
1097mm	41.00kg	Φ99mm	QL40	Φ110—Φ135	API 2⅜"Reg

可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed	耗风量 Air consumption		
			1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	27HZ	25-40r/min	6m³/min	10m³/min	15m³/min

5"

HD55潜孔冲击器
HD55 DTH HAMMER

有尼龙管高风压冲击器系列
High Air Pressure with foot vlave DTH Hammers



Item Description（零部件名称）	Weight（重量）Kg	Part Number（零部件代号）
1、接　头 Top Sub	15.00	HD5501
2、接头O形圈 "O" Ring of Top Sub	0.01	HD5502
3、逆止阀 Check Valve	1.00	HD5503
4、弹　簧 Spring	0.04	HD5504
5、承压垫 Compression Buffer	0.06	HD5505
6、配气座 Air Distributor	3.70	HD5506
7、内　缸 Internal Cylinder	4.50	HD5507
8、活　塞 Piston	15.50	HD5508
9、外　缸 External Cylinder	30.00	HD5509
10、卡环O型圈 "O" Ring of Stop Ring	0.01	HD5510
11、卡　环 Stop Ring	0.30	HD5511
12、卡钎套 Drive Chuck	6.40	HD5512
13、钻　头 Drill Bit	16.00	HD5513

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

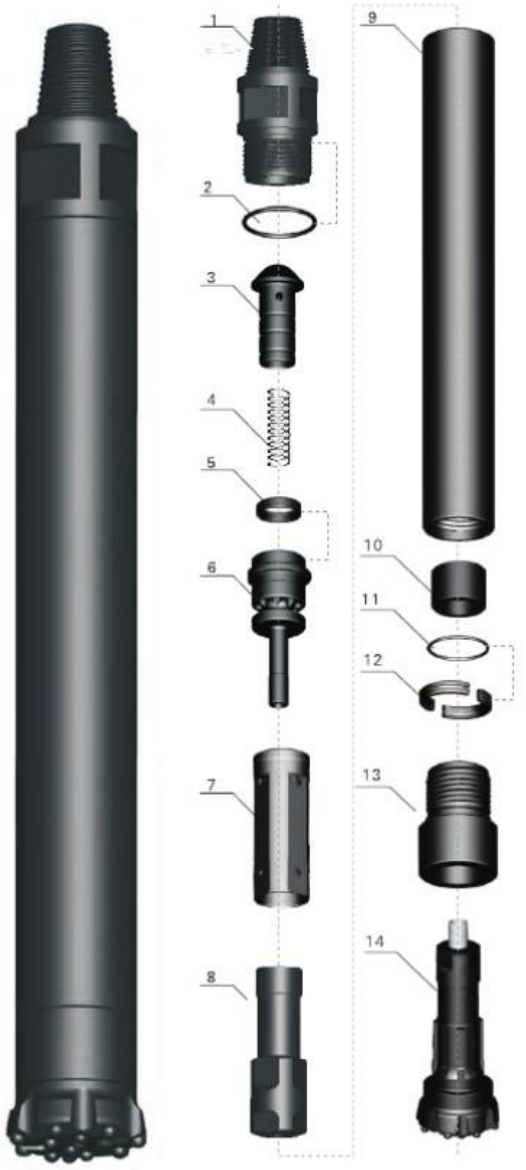
技术参数
Technical Data

总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread	
1214mm	76.5Kg	Φ125mm	Cop54 DHD350R	Φ135—Φ155	API 2⅜" Reg API 3½" Reg	
可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed		耗风量 Air consumption		
				1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	25HZ	20–35r/min		9m³/min	15m³/min	23m³/min

原谅别人，就是善待自己。
To forgive others is to be kind to yourself.

HD55C潜孔冲击器
HD55C DTH HAMMER

有尼龙管高风压冲击器系列
High Air Pressure with foot vlave DTH Hammers



Item Description (零部件名称)		Weight (重量) Kg	Part Number (零部件代号)
1、	接 头 Top Sub	13.70	HD55C01
2、	O-形圈 "O" -Ring	0.01	HD55C02
3、	逆止阀 Check Valve	1.00	HD55C03
4、	弹 簧 Spring	0.04	HD55C04
5、	承压垫 Compression Buffer	0.08	HD55C05
6、	配气座 Air Distributor	3.50	HD55C06
7、	内 缸 Internal Cylinder	4.20	HD55C07
8、	活 塞 Piston	17.20	HD55C08
9、	外 缸 External Cylinder	26.50	HD55C09
10、	衬 套 Guided Sleeve	1.20	HD55C10
11、	O-型圈 "O" - Ring	0.01	HD55C11
12、	卡 环 Stop Ring	0.50	HD55C12
13、	卡钎套 Drive Chuck	4.50	HD55C13
14、	钻 头 Drill Bit	15.60	HD55C14

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

技术参数
Technical Data

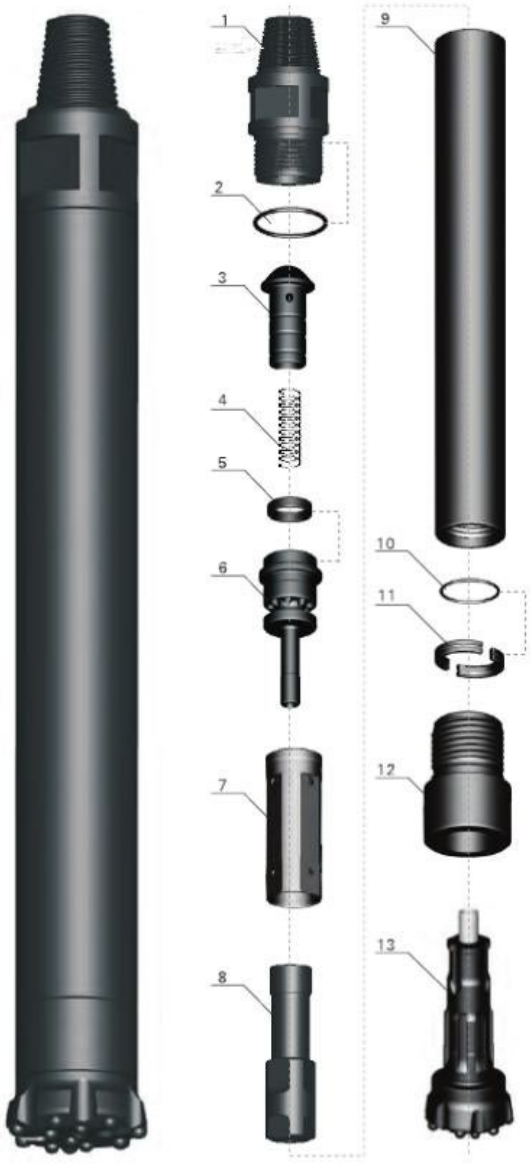
总长（不含钻头） Length(Less bit)	总重（不含钻头） Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread
1160mm	72.50Kg	Φ125mm	HD55C DHD350Q	Φ135—Φ155	API 2⅜" Reg API 3½" Reg

可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed	耗风量 Air consumption		
			1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	25HZ	20-35r/min	9m³/min	15m³/min	23m³/min

能吃天下第一等苦就可做天下第一等人。
The one who can bear significant hardship in life, can be the significant person in the world.

HSD5潜孔冲击器
HSD5 DTH HAMMER

有尼龙管高风压冲击器系列
High Air Pressure with foot vlave DTH Hammers



Item Description（零部件名称）	Weight（重量）Kg	Part Number（零部件代号）
1、接　头 Top Sub	15.00	HSD501
2、接头O形圈 "O" Ring of Top Sub	0.01	HSD502
3、逆 止 阀 Check Valve	1.00	HSD503
4、弹　簧 Spring	0.10	HSD504
5、承 压 垫 Compression Buffer	0.05	HSD505
6、配 气 座 Air Distributor	3.50	HSD506
7、内　缸 Internal Cylinder	4.20	HSD507
8、活　塞 Piston	15.50	HSD508
9、外　缸 External Cylinder	25.00	HSD509
10、卡环O型圈 "O" Ring of Stop Ring	0.01	HSD510
11、卡　环 Stop Ring	0.50	HSD511
12、卡 钎 套 Drive Chuck	7.50	HSD512
13、钻　头 Drill Bit	15.60	HSD513

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

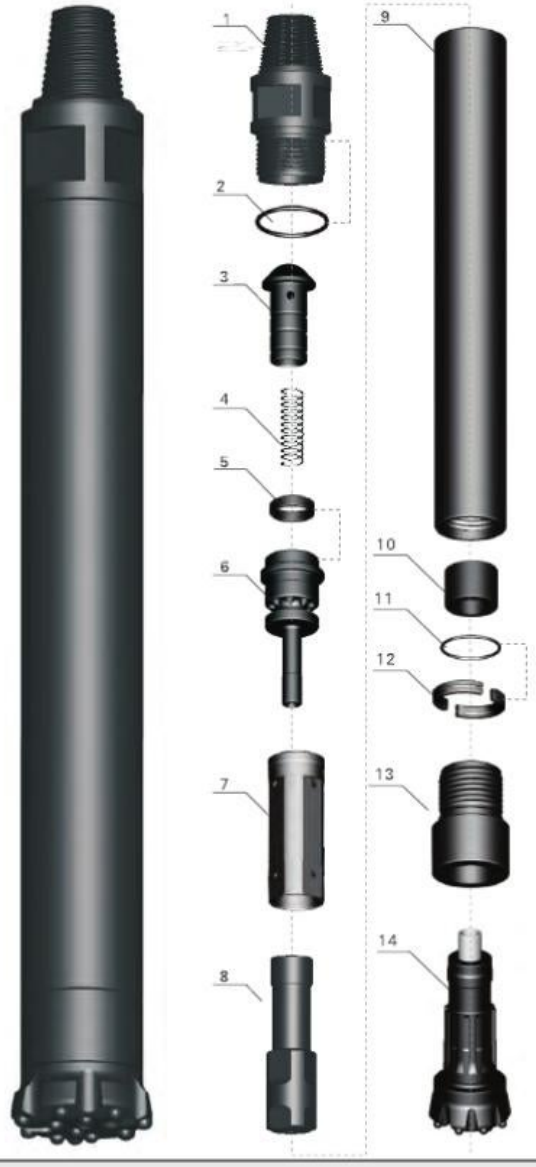
技术参数
Technical Data

总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread	
1175mm	72.50Kg	Φ125mm	SD5	Φ135—Φ155	API 3½"Reg	
可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed		耗风量 Air consumption		
				1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	25HZ	20-35r/min		9m³/min	15m³/min	23m³/min

人在社会，最重要的是搞清自己的角色和位置，把握好分寸，把该做的事做到位。
The most important is to know the role and position of myself and do things as perfect as possible.

HQL5潜孔冲击器
HQL5 DTH HAMMER

有尼龙管高风压冲击器系列
High Air Pressure with foot vlave DTH Hammers



Item Description（零部件名称）	Weight（重量）Kg	Part Number（零部件代号）
1、接　头 Top Sub	15.00	HQL501
2、接头O形圈 "O" Ring of Top Sub	0.015	HQL502
3、逆 止 阀 Check Valve	1.00	HQL503
4、弹　簧 Spring	0.10	HQL504
5、承 压 垫 Compression Buffer	0.10	HQL505
6、配 气 座 Air Distributor	3.50	HQL5006
7、内　缸 Internal Cylinder	4.20	HD55C07
8、活　塞 Piston	19.00	HQL508
9、外　缸 External Cylinder	24.60	HQL509
10、衬　套 Guided Sleeve	0.90	HQL510
11、卡环O型圈 "O" Ring of Stop Ring	0.01	HQL511
12、卡　环 Stop Ring	0.40	HQL512
13、卡 钎 套 Drive Chuck	4.60	HQL513
14、钻　头 Drill Bit	15.50	HQL514

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

技术参数
Technical Data

总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread
1156mm	73.00Kg	Φ125mm	QL50	Φ135—Φ155	API 3½"Reg

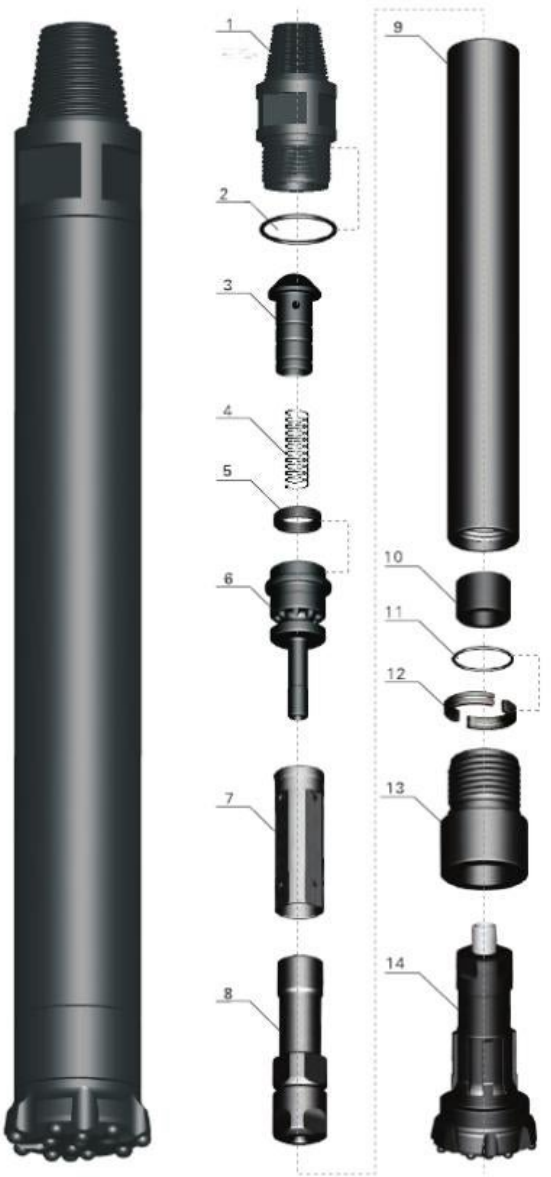
可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed	耗风量 Air consumption		
			1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	25HZ	20–35r/min	9m³/min	15m³/min	23m³/min

把别人逼得无路可走，就等于给自己制造困难。
Forcing others into a corner pushes you yourself in difficulty.

6"

HD65 潜孔冲击器
HD65 DTH HAMMER

有尼龙管高风压冲击器系列
High Air Pressure with foot vlave DTH Hammers



Item Description (零部件名称)	Weight (重量) Kg	Part Number (零部件代号)
1、接　　头 Top Sub	20.00	HD6501
2、接头O形圈 "O" Ring Of Top Sub	0.02	HD6502
3、逆 止 阀 Check Valve	1.00	HD6503
4、弹　　簧 Spring	0.04	HD6504
5、承 压 垫 Compression Buffer	0.08	HD6505
6、配 气 座 Air Distributor	5.00	HD6506
7、内　　缸 Internal Cylinder	5.00	HD6507
8、活　　塞 Piston	23.60	HD6508
9、外　　缸 External Cylinder	36.80	HD6509
10、衬　　套 Guided Sleeve	2.40	HD6510
11、卡环O型圈 "O" Ring of Stop Ring	0.02	HD6511
12、卡　　环 Stop Ring	0.60	HD6512
13、卡 钎 套 Drive Chuck	6.00	HD6513
14、钻　　头 Drill Bit	26.00	HD6514

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

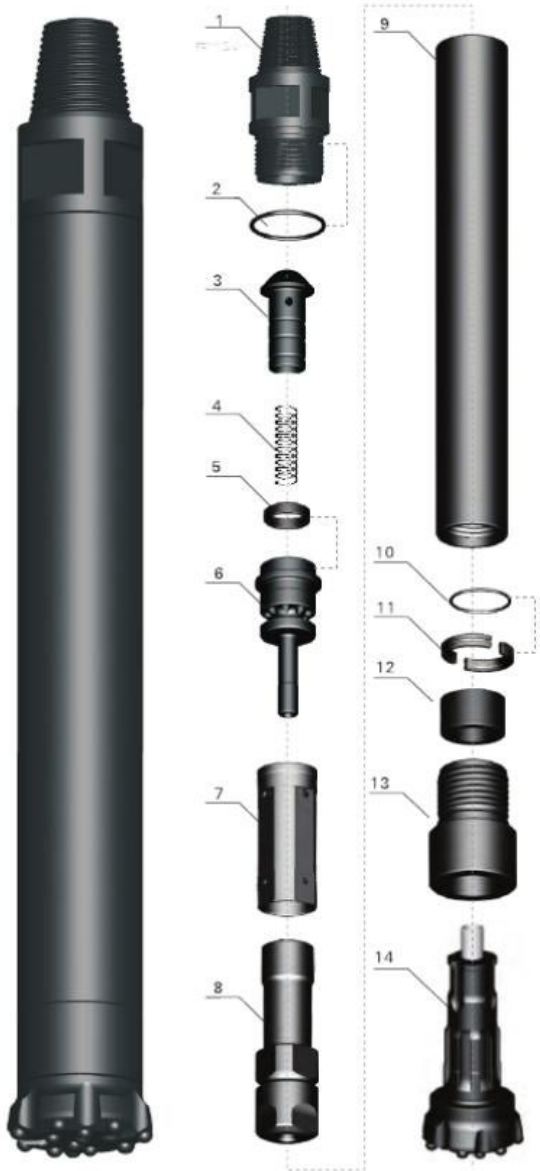
技 术 参 数
Technical Data

总长（不含钻头） Length(Less bit)	总重（不含钻头） Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread	
1248mm	100.00Kg	Φ142mm	Cop64 DHD360	Φ155—Φ190	API 3½"Reg	
可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed		耗风量 Air consumption		
				1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	23HZ	20–30r/min		10m³/min	20m³/min	28.5m³/min

你想得过且过，别人就会让你难过。
You want to muddle along, others will make you live in tears.

HSD6潜孔冲击器
HSD6 DTH HAMMER

有尼龙管高风压冲击器系列
High Air Pressure with foot vlave DTH Hammers



Item Description（零部件名称）	Weight（重量）Kg	Part Number（零部件代号）
1、接　头 Top Sub	20.00	HSD601
2、接头O形圈 "O" Ring Of Top Sub	0.01	HSD602
3、逆止阀 Check Valve	1.00	HSD603
4、弹　簧 Spring	0.05	HSD604
5、承压垫 Compression Buffer	0.10	HSD605
6、配气座 Air Distributor	5.00	HSD606
7、内　缸 Internal Cylinder	5.00	HSD607
8、活　塞 Piston	24.00	HSD608
9、外　缸 External Cylinder	35.00	HSD609
10、卡环O型圈 "O" Ring of Stop Ring	0.01	HSD610
11、卡　环 Stop Ring	0.50	HSD611
12、衬　套 Guided Sleeve	1.50	HSD612
13、卡钎套 Drive Chuck	7.50	HSD613
14、钻　头 Drill Bit	25.80	HSD614

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

技术参数
Technical Data

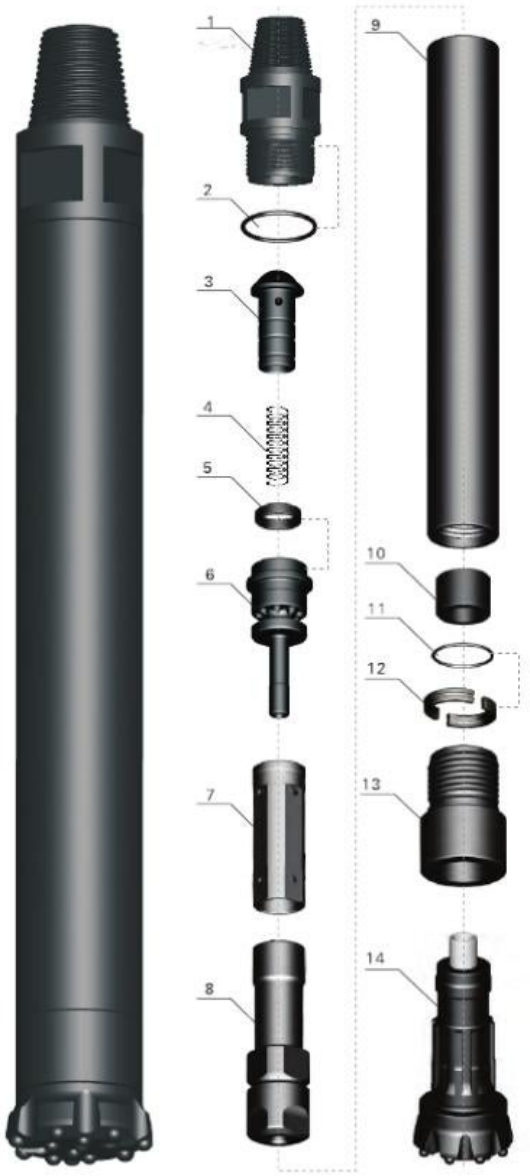
总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread
1261mm	100.00Kg	Φ142mm	SD6	Φ155—Φ190	API 3½"Reg

可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed	耗风量 Air consumption		
			1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	23HZ	20–30r/min	10m³/min	20m³/min	28.5m³/min

生命在于运动，资金在于流动，朋友在于走动。
Life consists in movement, fortune consists in floating, and friendship consists in stopping by.

HQL6潜孔冲击器
HQL6 DTH HAMMER

有尼龙管高风压冲击器系列
High Air Pressure with foot vlave DTH Hammers



Item Description（零部件名称）	Weight（重量）Kg	Part Number（零部件代号）
1、接　头 Top Sub	20.00	HQL601
2、接头O形圈 "O" Ring of Top Sub	0.02	HQL602
3、逆 止 阀 Check Valve	1.00	HQL603
4、弹　簧 Spring	0.10	HQL604
5、承 压 垫 Compression Buffer	0.10	HQL605
6、配 气 座 Air Distributor	6.00	HQL606
7、内　缸 Internal Cylinder	5.00	HQL607
8、活　塞 Piston	23.50	HQL608
9、外　缸 External Cylinder	31.00	HQL609
10、衬　套 Guided Sleeve	1.00	HQL610
11、卡环O型圈 "O" Ring of Stop Ring	0.02	HQL611
12、卡　环 Stop Ring	0.60	HQL612
13、卡 钎 套 Drive Chuck	5.40	HQL613
14、钻　头 Drill Bit	24.60	HQL614

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

技术参数
Technical Data

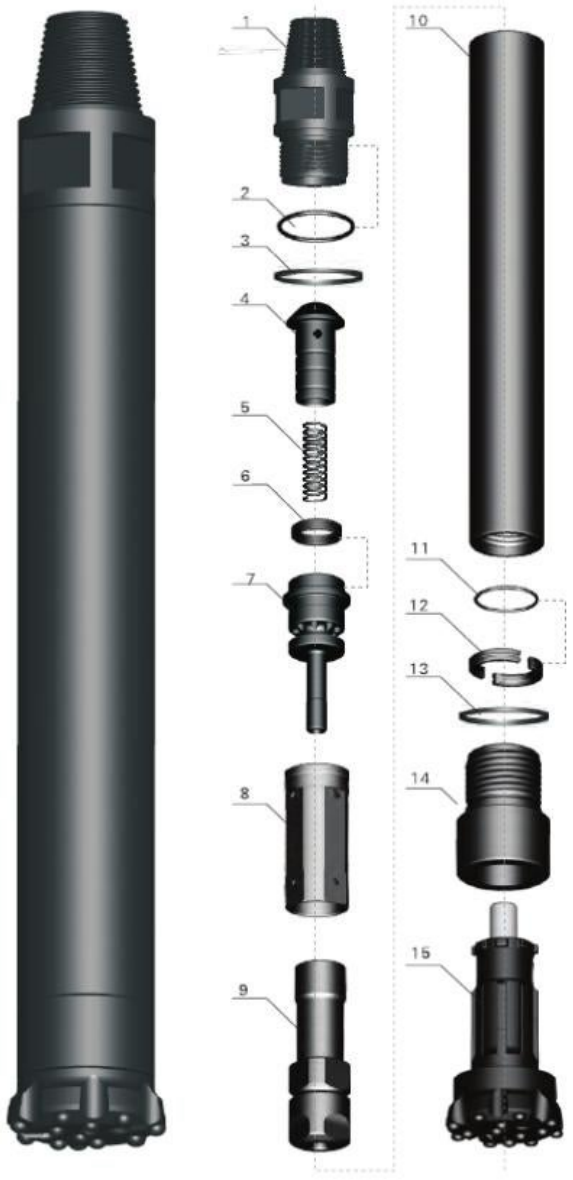
总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread	
1212mm	95.00Kg	Φ146mm	QL60	Φ155—Φ190	API 3½"Reg	
可用工作风压 Working Pressure	在17bar时的冲击频率 Impact rate at 17 Bar	推荐转速 Recommended rotation speed		耗风量 Air consumption		
				1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	23HZ	20–30r/min		10m³/min	20m³/min	28.5m³/min

文明其精神，野蛮其体魄。
Cultivated spirits, savage–like body.

8"

HD85潜孔冲击器
HD85 DTH HAMMER

有尼龙管高风压冲击器系列
High Air Pressure with foot vlave DTH Hammers



Item Description（零部件名称）		Weight（重量）Kg	Part Number（零部件代号）
1、接　头	Top Sub	41.00	HD8501
2、接头O形圈	"O" Ring of Top Sub	0.02	HD8502
3、接头垫片	Breakout Ring	0.20	HD8503
4、逆止阀	Check Valve	1.50	HD8504
5、弹　簧	Spring	0.10	HD8505
6、承压垫	Compression Buffer	0.42	HD8506
7、配气座	Air Distributor	0.13	HD8507
8、内　缸	Internal Cylinder	8.60	HD8508
9、活　塞	Piston	41.00	HD8509
10、外　缸	External Cylinder	62.00	HD8510
11、卡环O型圈	"O" Ring of Stop Ring	0.02	HD8511
12、卡　环	Stop Ring	1.20	HD8512
13、卡钎套垫片	Breakout Ring	0.20	HD8513
14、卡钎套	Drive Chuck	17.50	HD8514
15、钻　头	Drill Bit	40.00	HD8515

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

技术参数
Technical Data

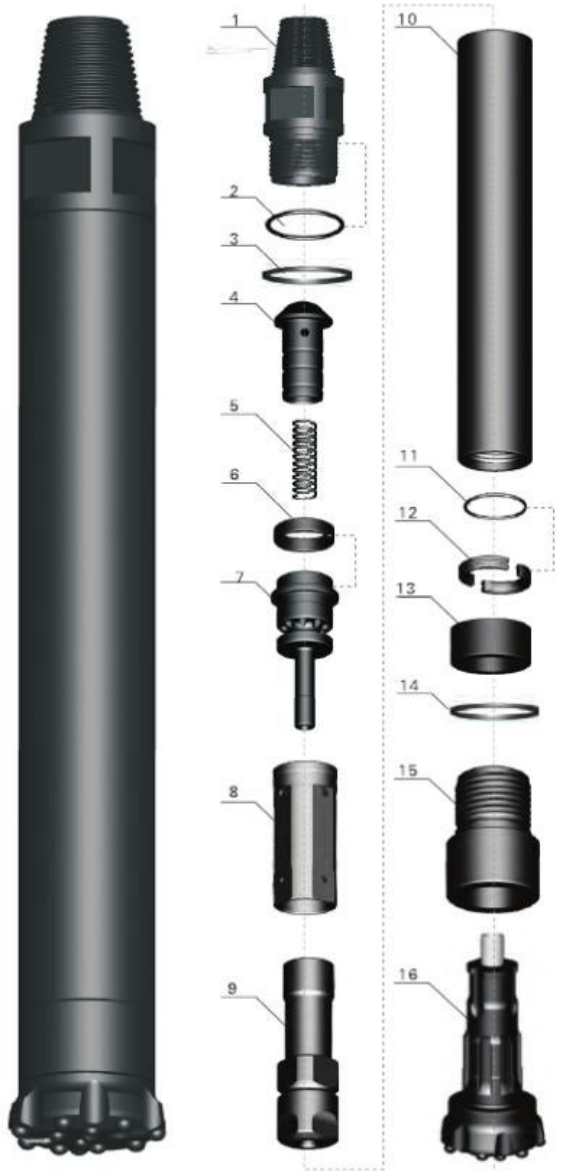
总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread
1492mm	188Kg	Φ180mm	Cop84 DHD380	Φ195—Φ254	API 4½"Reg

可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed	耗风量 Air consumption		
			1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	20HZ	20–30r/min	15m³/min	26m³/min	34m³/min

不管风吹浪打，胜似闲庭信步。
A casual smile remains on my face regardless of raging storms.

HSD8潜孔冲击器
HSD8 DTH HAMMER

有尼龙管高风压冲击器系列
High Air Pressure with foot vlave DTH Hammers



Item Description（零部件名称）	Weight（重量）Kg	Part Number（零部件代号）
1、接　头 Top Sub	41.00	HSD801
2、接头O形圈 "O" Ring of Top Sub	0.02	HSD802
3、接头垫片 Breakout Ring	0.20	HSD803
4、逆止阀 Check Valve	1.50	HSD804
5、弹　簧 Spring	0.10	HSD805
6、承压垫 Compression Buffer	0.42	HSD806
7、配气座 Air Distributor	12.50	HSD807
8、内　缸 Internal Cylinder	8.60	HSD808
9、活　塞 Piston	42.00	HSD809
10、外　缸 External Cylinder	65.00	HSD810
11、卡环O型圈 "O" Ring of Stop Ring	0.05	HSD811
12、卡　环 Stop Ring	1.20	HSD812
13、衬　套 Guided Sleeve	3.40	HSD813
14、卡钎套垫片 Breakout Ring	0.20	HSD814
15、卡钎套 Drive Chuck	15.50	HSD815
16、钻　头 Drill Bit	37.00	HSD816

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

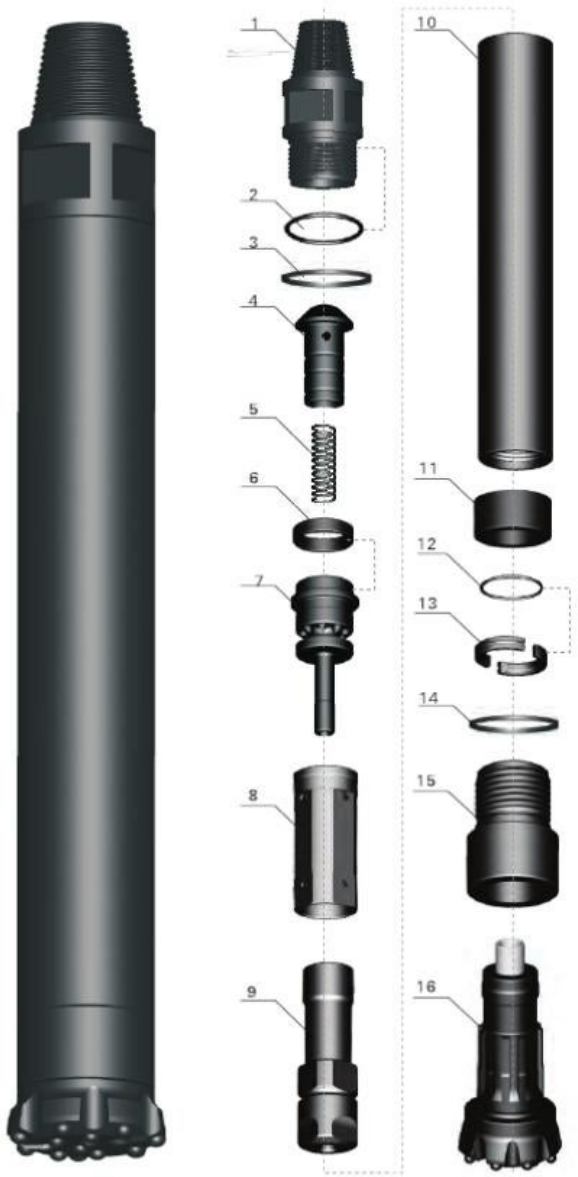
技术参数
Technical Data

总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread	
1463mm	192.00Kg	Φ180mm	SD8	Φ195—Φ254	API 4½"Reg	
可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed		耗风量 Air consumption		
				1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	20HZ	15-25r/min		15m³/min	26m³/min	34m³/min

用师者王，用友者霸，用徒者衰。
A real king uses real talents and treats his subordinates as friends, only a looser uses those fawning admirers.

HQL8潜孔冲击器
HQL8 DTH HAMMER

有尼龙管高风压冲击器系列
High Air Pressure with foot vlave DTH Hammers



Item Description（零部件名称）	Weight（重量）Kg	Part Number（零部件代号）
1、接　头 Top Sub	41.00	HQL801
2、接头O形圈 "O" Ring of Top Sub	0.02	HQL802
3、接头垫片 Breakout Ring	0.30	HQL803
4、逆止阀 Check Valve	1.50	HQL804
5、弹　簧 Spring	0.10	HQL805
6、承压垫 Compression Buffer	0.42	HQL806
7、配气座 Air Distributor	13.00	HQL807
8、内　缸 Internal Cylinder	8.60	HQL808
9、活　塞 Piston	41.00	HQL809
10、外　缸 External Cylinder	60.00	HQL810
11、衬　套 Guided Sleeve	2.20	HQL811
12、卡环O型圈 "O" Ring of Stop Ring	0.02	HQL812
13、卡　环 Stop Ring	1.20	HQL813
14、卡钎套垫片 Breakout Ring	0.30	HQL814
15、卡钎套 Drive Chuck	12.00	HQL815
16、钻　头 Drill Bit	35.00	HQL816

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

技术参数
Technical Data

总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread
1465mm	182.00kg	Φ180mm	QL80	Φ195—Φ254	API 4½"Reg

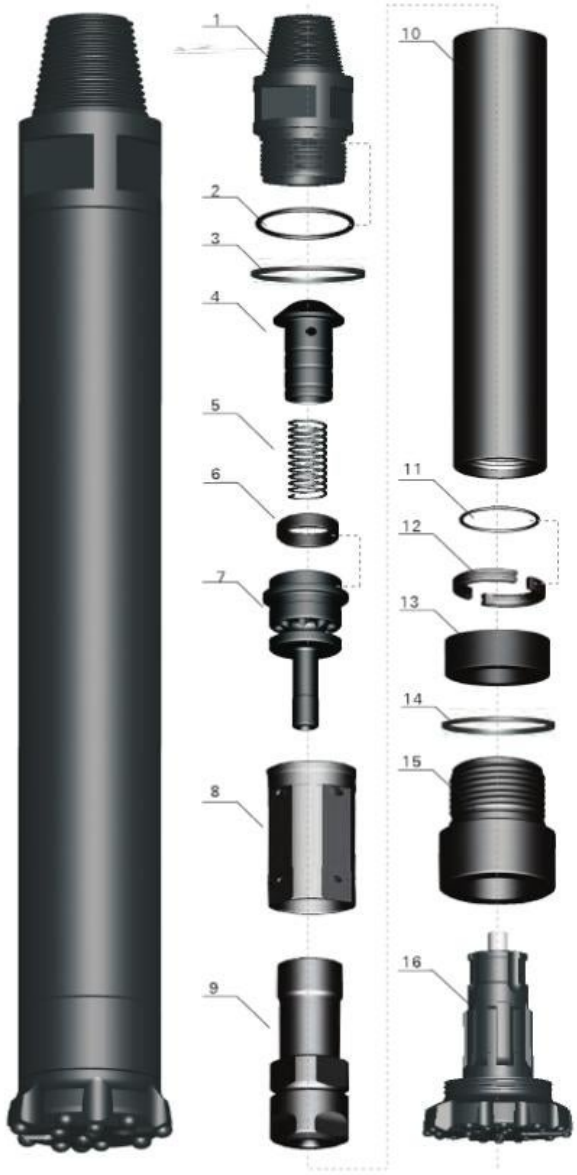
可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed	耗风量 Air consumption		
			1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	20HZ	15-25r/min	15m³/min	26m³/min	34m³/min

多看别人长处，多想别人好处，多帮别人难处。
Look more at others' advantages, think more about others' merits, and help others' more when they are in trouble.

10"

HSD10潜孔冲击器
HSD10 DTH HAMMER

有尼龙管高风压冲击器系列
High Air Pressure with foot vlave DTH Hammers



Item Description（零部件名称）	Weight（重量）Kg	Part Number（零部件代号）
1、接　头 Top Sub	59.00	HSD1001
2、接头O形圈 "O" Ring of Top Sub	0.03	HSD1002
3、接头垫片 Breakout Ring	0.30	HSD1003
4、逆止阀 Check Valve	1.40	HSD1004
5、弹　簧 Spring	0.30	HSD1005
6、承压垫 Compression Buffer	0.60	HSD1006
7、配气座 Air Distributor	11.50	HSD1007
8、内　缸 Internal Cylinder	11.00	HSD1008
9、活　塞 Piston	62.00	HSD1009
10、外　缸 External Cylinder	110.00	HSD1010
11、卡环O型圈 "O" Ring of Stop Ring	0.03	HSD1011
12、卡　环 Stop Ring	1.60	HSD1012
13、衬　套 Guided Sleeve	4.50	HSD1013
14、卡钎套垫片 Breakout Ring	0.30	HSD1014
15、卡钎套 Drive Chuck	24.00	HSD1015
16、钻　头 Drill Bit	115.00	HSD1016

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

技术参数
Technical Data

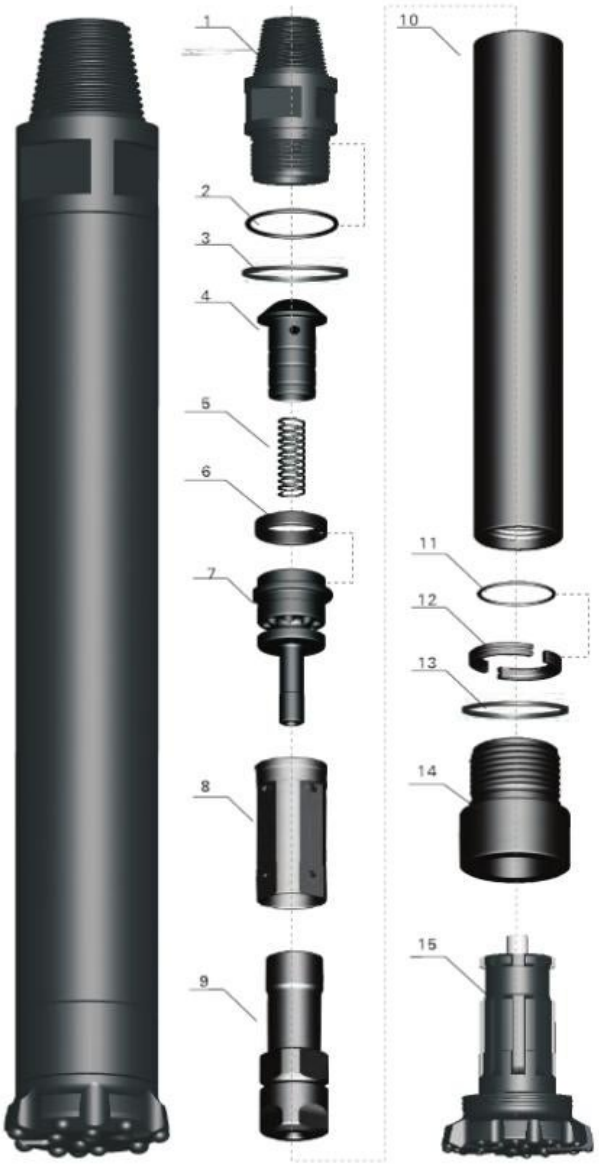
总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread
1502mm	290.00Kg	Φ226mm	SD10	Φ254—Φ311	API 4 1/2"Reg API 6 5/8"Reg

可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed	耗风量 Air consumption		
			1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	18HZ	15-25r/min	22m³/min	40m³/min	55m³/min

转换角度，把握尺度，注意风度。
Switch point of view, grasp rule of measure, pay attention to the presence.

HN100潜孔冲击器
HN100 DTH HAMMER

有尼龙管高风压冲击器系列
High Air Pressure with foot vlave DTH Hammers



Item Description（零部件名称）	Weight（重量）Kg	Part Number（零部件代号）
1、接　头 Top Sub	59.00	HN10001
2、接头O形圈 "O" Ring of Top Sub	0.03	HN10002
3、接头垫片 Breakout Ring	0.40	HN10003
4、逆止阀 Check Valve	1.60	HN10004
5、弹　簧 Spring	0.30	HN10005
6、承压垫 Compression Buffer	0.60	HN10006
7、配气座 Air Distributor	11.50	HN10007
8、内　缸 Internal Cylinder	11.00	HN10008
9、活　塞 Piston	62.00	HN10009
10、外　缸 External Cylinder	112.00	HN10010
11、卡环O型圈 "O" Ring of Stop Ring	0.03	HN10011
12、卡　环 Stop Ring	1.50	HN10012
13、卡钎套垫片 Breakout Ring	0.40	HN10013
14、卡钎套 Drive Chuck	26.00	HN10014
15、钻　头 Drill Bit	115.00	HN10015

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

技术参数
Technical Data

总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread
1510mm	288.00Kg	Φ226mm	NUMA100	Φ254—Φ311	API 6⅝"Reg

可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed	耗风量 Air consumption		
			1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	18HZ	15–25r/min	22m³/min	45m³/min	60m³/min

工作作风：　迅速反应，立即行动，执行到位，持之以恒。
Work style: quick respond, immediate action, put the order fully into practice and persevere to it.

12"

HD1120潜孔冲击器
HD1120 DTH HAMMER

有尼龙管高风压冲击器系列
High Air Pressure with foot vlave DTH Hammers



Item Description（零部件名称）	Weight（重量）Kg	Part Number（零部件代号）
1、接　头 Top Sub	70.00	HD112001
2、接头O形圈 "O" Ring of Top Sub	0.04	HD112002
3、接头垫片 Breakout Ring	0.80	HD112003
4、逆止阀 Check Valve	3.00	HD112004
5、弹　簧 Spring	0.10	HD112005
6、承压垫 Compression Buffer	1.00	HD112006
7、配气座 Air Distributor	20.00	HD112007
8、内　缸 Internal Cylinder	23.00	HD112008
9、活　塞 Piston	125.00	HD112009
10、外　缸 External Cylinder	170.00	HD112010
11、衬　套 Guided Sleeve	16.00	HD112011
12、卡环O型圈 "O" Ring of Stop Ring	0.04	HD112012
13、卡　环 Stop Ring	4.50	HD112013
14、卡钎套垫片 Breakout Ring	0.80	HD112014
15、卡钎套 Drive Chuck	48.00	HD112015
16、钻　头 Drill Bit	120.00	HD112016

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

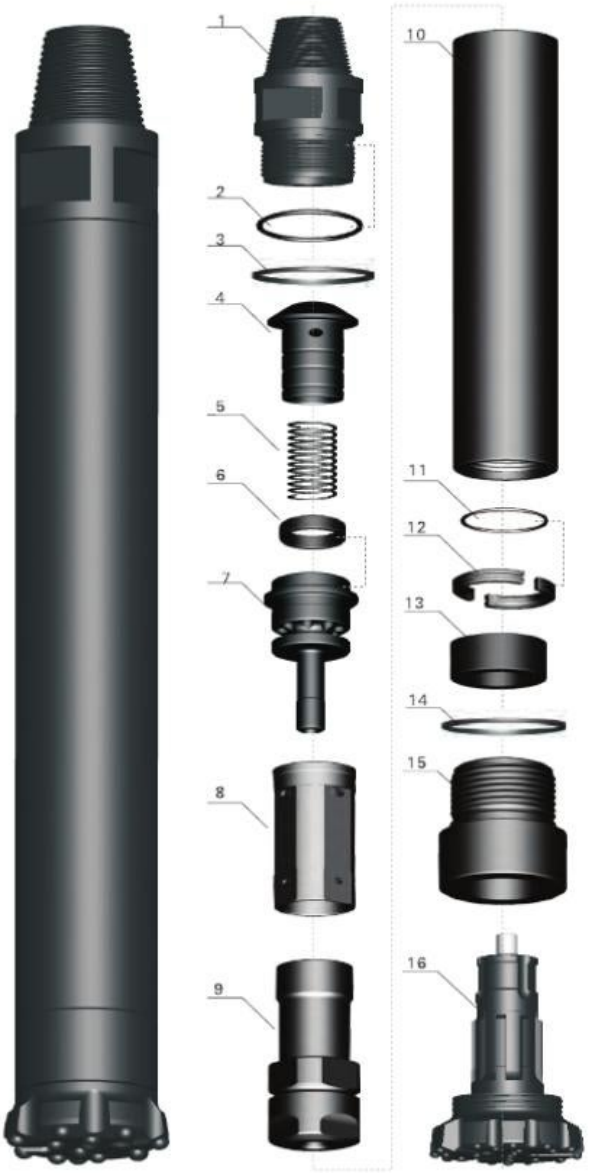
技术参数
Technical Data

总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread	
1900mm	480.00Kg	Φ275mm	DHD1120	Φ305—Φ445	API 6⅝"Reg	
可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed		耗风量 Air consumption		
				1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	16HZ	15-25r/min		30m³/min	56m³/min	78m³/min

有势者强，有德者昌。
He who has power is strong and he who has virtue will flourish.

HSD12潜孔冲击器
HSD12 DTH HAMMER

有尼龙管高风压冲击器系列
High Air Pressure with foot vlave DTH Hammers



Item Description（零部件名称）	Weight（重量）Kg	Part Number（零部件代号）
1、接　头 Top Sub	70.00	HSD1201
2、接头O形圈 "O" Ring of Top Sub	0.04	HSD1202
3、接头垫片 Breakout Ring	0.80	HSD1203
4、逆止阀 Check Valve	3.00	HSD1204
5、弹　簧 Spring	0.10	HSD1205
6、承压垫 Compression Buffer	1.00	HSD1206
7、配气座 Air Distributor	20.00	HSD1207
8、内　缸 Internal Cylinder	23.00	HSD1208
9、活　塞 Piston	125.00	HSD1209
10、外　缸 External Cylinder	170.00	HSD1210
11、卡环O型圈 "O" Ring of Stop Ring	0.04	HSD1211
12、卡　环 Stop Ring	4.80	HSD1212
13、衬　套 Guided Sleeve	18.00	HSD1213
14、卡钎套垫片 Breakout Ring	0.80	HSD1214
15、卡钎套 Drive Chuck	51.00	HSD1215
16、钻　头 Drill Bit	120.00	HSD1216

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

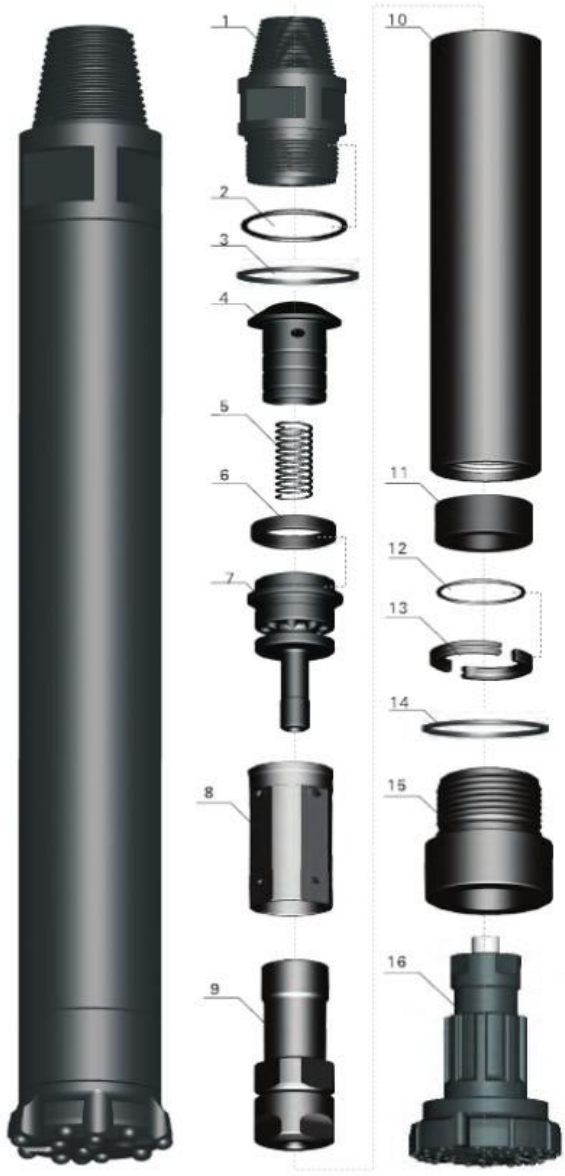
技术参数
Technical Data

总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread	
1880mm	487.00Kg	Φ275mm	SD12	Φ305—Φ445	API 6⅝"Reg	
可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed		耗风量 Air consumption		
				1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	16HZ	15–25r/min		30m³/min	56m³/min	78m³/min

千招熟不如一招精。
Specializing in an artist is better than knowing in many artists.

HN120 潜孔冲击器
HN120 DTH HAMMER

有尼龙管高风压冲击器系列
High Air Pressure with foot vlave DTH Hammers



Item Description（零部件名称）	Weight（重量）Kg	Part Number（零部件代号）
1、接　头 Top Sub	70.00	HN12001
2、接头O形圈 "O" Ring of Top Sub	0.04	HN12002
3、接头垫片 Breakout Ring	0.80	HN12003
4、逆止阀 Check Valve	3.00	HN12004
5、弹　簧 Spring	0.10	HN12005
6、承压垫 Compression Buffer	1.00	HN12006
7、配气座 Air Distributor	20.00	HN12007
8、内　缸 Internal Cylinder	23.00	HN12008
9、活　塞 Piston	125.00	HN12009
10、外　缸 External Cylinder	170.00	HN12010
11、衬　套 Guided Sleeve	18.00	HN12011
12、卡环O型圈 "O" Ring of Stop Ring	0.04	HN12012
13、卡　环 Stop Ring	4.50	HN12013
14、卡钎套垫片 Breakout Ring	0.80	HN12014
15、卡钎套 Drive Chuck	49.00	HN12015
16、钻　头 Drill Bit	120.00	HN12016

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

技术参数
Technical Data

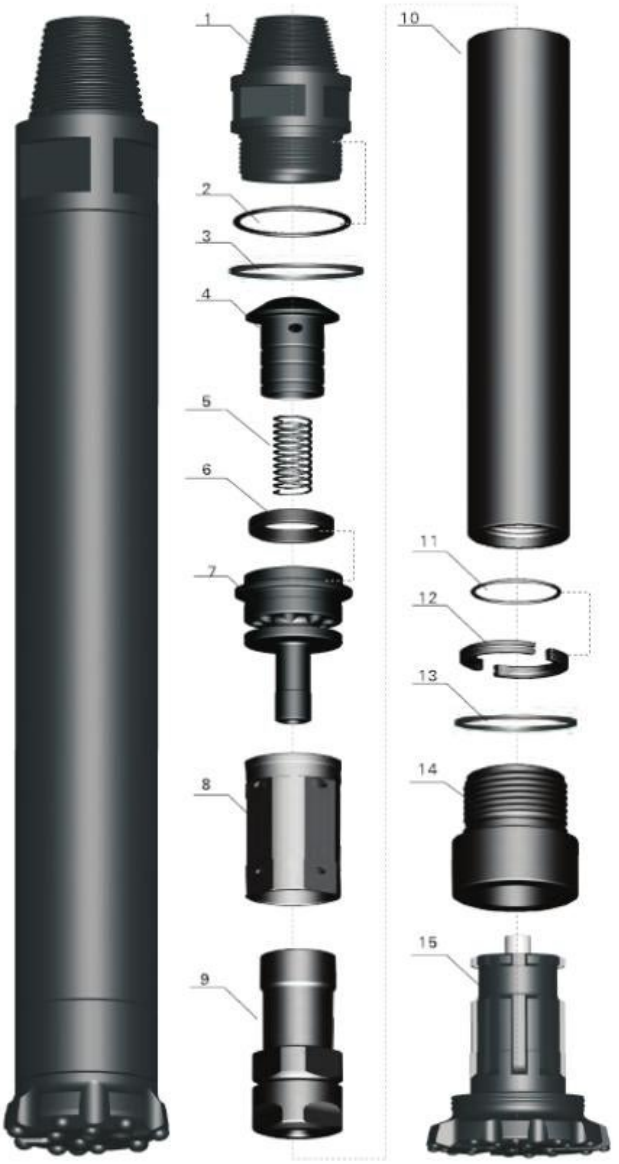
总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread
1900mm	485.00Kg	Φ275mm	NUMA120	Φ305—Φ445	API 6⅝"Reg

可用工作风压 Working Pressure	在17bar时的冲击频率 Impact rate at 17 Bar	推荐转速 Recommended rotation speed	耗风量 Air consumption		
			1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	16HZ	15-25r/min	30m³/min	56m³/min	78m³/min

力量从团结来，智慧从劳动来，行动从思想来，荣誉从集体来。
Strength comes from the unity and wisdom from the work; action derives from thinking and honor from the collectivity.

HN125潜孔冲击器
HN125 DTH HAMMER

有尼龙管高风压冲击器系列
High Air Pressure with foot vlave DTH Hammers



Item Description（零部件名称）	Weight（重量）Kg	Part Number（零部件代号）
1、接　头 Top Sub	70.00	Hn12501
2、接头O形圈 "O" Ring of Top Sub	0.04	HN12502
3、接头垫片 Breakout Ring	0.80	HN12503
4、逆止阀 Check Valve	3.00	HN12504
5、弹　簧 Spring	0.10	HN12505
6、承压垫 Compression Buffer	1.00	HN12506
7、配气座 Air Distributor	20.00	HN12507
8、内　缸 Internal Cylinder	23.00	HN12508
9、活　塞 Piston	125.00	HN12509
10、外　缸 External Cylinder	170.00	HN12510
11、卡环O型圈 "O" Ring of Stop Ring	0.01	HN12511
12、卡　环 Stop Ring	4.00	HN12512
13、卡钎套垫片 Breakout Ring	0.80	Hn12513
14、卡钎套 Drive Chuck	45.00	Hn12514
15、钻　头 Drill Bit	175.00	HN12515

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

技术参数
Technical Data

总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread
1900mm	480.00Kg	Φ275mm	NUMA125	Φ305—Φ445	API 6⅝"Reg

可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed	耗风量 Air consumption		
			1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	16HZ	15–25r/min	30m³/min	56m³/min	78m³/min

越是简单的办法往往越有效。
The simpler method may be more effective.

NUEVO MODELO MARTILLO CON BIT SIN FOOT

所配钻头无尼龙管的高风压潜孔冲击器是我公司最新设计的冲击器，是目前世界上最先进的冲击器之一。

这种类型冲击器具有以下特点：

1. 钻头不需要尼龙管，因而省去了尼龙管断裂、破损和热胀冷缩而引起的麻烦。
2. 冲击能量损耗低，冲击频率高，钻进速度比同类型带尼龙管冲击器快15%–30%。
3. 结构非常简单，部件可靠性好，冲击器寿命长，维修保养简单，费用低。
4. 耗风量低，省风省油，比同类型有尼龙管冲击器省油10%以上。

It is a kind of high air pressure DTH Hammer without footvalve, our newest design. It is also one of the most advanced DTH Hammers in the world.

It has the following advantages:

1. Out of the trouble of foot valve fracture and expansion and contraction.
2. Lower energy consumption and higher impact frequency. The drilling speed is 15%–30% higher than the one with foot valve.
3. Simple structure, reliable parts, long life, easy and cheap maintenance.
4. Lower air and oil consumption. The oil consumption is about 10% lower than the one with foot valve.

MINIMO. 35MT/HORA

MEJOR MODELO,ALTA CALIDAD

PERFORA MAS RAPIDO,CONSUME MENOS ACEITE

积小善，可铸大吉；做小恶，必藏凶兆。
Small good deed will bring good luck while small evil will lead to bad omen.

3"

HD25A潜孔冲击器
HD25A DTH HAMMER

无尼龙管高风压冲击器系列
High Air Pressure without foot vlave DTH Hammers



Item Description（零部件名称）	Weight（重量）Kg	Part Number（零部件代号）
1、接　头　Top Sub	3.10	HD25A01
2、逆止阀　Check Valve	0.10	HD25A02
3、弹　簧　Spring	0.05	HD25A03
4、配气座　Air Distributor	0.60	HD25A04
5、内　缸　Internal Cylinder	0.80	HD25A05
6、活　塞　Piston	3.80	HD25A06
7、外　缸　External Cylinder	4.50	HD25A07
8、衬　套　Guided Sleeve	0.60	HD2508
9、O-形圈　"O" -Ring	0.005	HD25A09
10、卡　环　Stop Ring	0.10	HD25A10
11、卡钎套　Drive Chuck	1.40	HD25A11
12、钻　头　Drill Bit	3.20	HD25A12

技术参数
Technical Data

总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread
872mm	16.00Kg	Φ71mm	HD25	Φ76—Φ90	T42x10x1.5

可用工作风压 Working Pressure	在1.5Mpa时的冲击频率 Impact rate at 1.5Mpa	推荐转速 Recommended rotation speed	耗风量 Air consumption	
			1.0Mpa	1.5Mpa
1.0—1.5Mpa	25HZ	22-35r/min	4m³/min	6m³/min

要使台前出精彩，须在幕后下功夫。
The way to make a wonderful show is to work hard behind the scenes.

3"

HD35A潜孔冲击器
HD35A DTH HAMMER

无尼龙管高风压冲击器系列
High Air Pressure without foot vlave DTH Hammers



Item Description（零部件名称）	Weight（重量）Kg	Part Number（零部件代号）
1、接　头 Top Sub	4.20	HD35A01
2、接头O形圈 "O" Ring of Top Sub	0.01	HD35A02
3、逆止阀 Check Valve	0.20	HD35A03
4、弹　簧 Spring	0.02	HD35A04
5、配气座 Air Distributor	0.80	HD35A05
6、内　缸 Internal Cylinder	1.30	HD35A06
7、活　塞 Piston	5.50	HD35A07
8、外　缸 External Cylinder	9.50	HD35A08
9、衬　套 Guided Sleeve	1.00	HD35A09
10、卡环O型圈 "O" Ring of Stop Ring	0.05	HD35A10
11、卡　环 Stop Ring	0.15	HD35A11
12、卡钎套 Drive Chuck	1.90	HD35A12
13、钻　头 Drill Bit	5.00	HD35A13

如客户需要，接头可采用两个方口。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

技术参数
Technical Data

总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread
888mm	25.00Kg	Φ82mm	IR3.5	Φ90—Φ115	API 2⅜" Reg

可用工作风压 Working Pressure	在1.5Mpa时的冲击频率 Impact rate at 1.5Mpa	推荐转速 Recommended rotation speed	耗风量 Air consumption	
			1.0Mpa	1.5Mpa
1.0—1.5Mpa	25HZ	25–40r/min	3.8m³/min	7.5m³/min

领先对手的唯一方法就是比对手学得更快，想得更多。
The only way to defeat your competitor is to learn faster and to think more.

4"

HD45A潜孔冲击器
HD45A DTH HAMMER

无尼龙管高风压冲击器系列
High Air Pressure without foot vlave DTH Hammers



Item Description（零部件名称）	Weight（重量）Kg	Part Number（零部件代号）
1、接　头 Top Sub	6.50	HD45A01
2、接头O形圈 "O" Ring of Top Sub	0.01	HD45A02
3、逆止阀 Check Valve	0.35	HD45A03
4、弹　簧 Spring	0.05	HD45A04
5、配气座 Air Distributor	1.50	HD45A05
6、内　缸 Internal Cylinder	2.10	HD45A06
7、活　塞 Piston	8.50	HD45A07
8、外　缸 External Cylinder	15.20	HD45A08
9、衬　套 Guided Sleeve	1.30	HD45A09
10、卡环O型圈 "O" Ring of Stop Ring	0.01	HD45A0
11、卡　环 Stop Ring	0.30	HD45A11
12、卡钎套 Drive Chuck	3.40	HD45A12
13、钻　头 Drill Bit	9.00	HD45A13

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

技术参数
Technical Data

总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread	
1011mm	43.20Kg	Φ99mm	Cop44 DHD340	Φ110—Φ135	API 2⅜"Reg	
可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed		耗风量 Air consumption		
				1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	30HZ	22-35r/min		6m³/min	10m³/min	15m³/min

觉悟比素质重要，素质比能力重要，能力比知识重要。

Consciousness is important than quality, quality is important than ability and ability is important than knowledge.

HD45S潜孔冲击器
HD45S DTH HAMMER

无尼龙管高风压冲击器系列
High Air Pressure without foot vlave DTH Hammers



Item Description (零部件名称)	Weight (重量) Kg	Part Number (零部件代号)
1、接　头 Top Sub	6.00	HD45S01
2、接头O形圈 "O" Ring of Top Sub	0.01	HD45S02
3、逆止阀 Check Valve	0.30	HD45S03
4、弹　簧 Spring	0.05	HD45S04
5、配气座 Air Distributor	1.30	HD45S05
6、内　缸 Internal Cylinder	1.90	HD45S06
7、活　塞 Piston	7.80	HD45S07
8、外　缸 External Cylinder	14.60	HD45S08
9、衬　套 Guided Sleeve	1.20	HD45S09
10、卡环O型圈 "O" Ring of Stop Ring	0.005	HD45S10
11、卡　环 Stop Ring	0.20	HD45S11
12、卡钎套 Drive Chuck	3.40	HD45S12
13、钻　头 Drill Bit	8.50	HD45S13

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

技术参数
Technical Data

总长（不含钻头） Length(Less bit)	总重（不含钻头） Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread	
986mm	37.00Kg	Φ92mm	Cop44 DHD340	Φ105—Φ120	API 2⅜" Reg	
可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed		耗风量 Air consumption		
				1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	30HZ	25-40r/min		5m³/min	8m³/min	13m³/min

简单的事情重复做，你就是专家；重复的事情用心做，你就是赢家。
You will be an expert by repeatedly doing simple things, but you will be a winner by attentively doing the repeated things.

HSD4A潜孔冲击器
HSD4A DTH HAMMER

无尼龙管高风压冲击器系列
High Air Pressure without foot vlave DTH Hammers



Item Description（零部件名称）	Weight（重量）Kg	Part Number（零部件代号）
1、接　头 Top Sub	6.50	HSD4A01
2、接头O形圈 "O" Ring of Top Sub	0.01	HSD4A02
3、逆止阀 Check Valve	0.35	HSD4A03
4、弹　簧 Spring	0.05	HSD4A04
5、配气座 Air Distributor	1.50	HSD4A05
6、内　缸 Internal Cylinder	2.10	HSD4A06
7、活　塞 Piston	8.50	HSD4A07
8、外　缸 External Cylinder	15.30	HSD4A08
9、衬　套 Guided Sleeve	1.30	HSD4A09
10、卡环O型圈 "O" Ring of Stop Ring	0.005	HSD4A10
11、卡　环 Stop Ring	0.20	HSD4A11
12、卡钎套 Drive Chuck	4.00	HSD4A12
13、钻　头 Drill Bit	9.80	HSD4A13

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

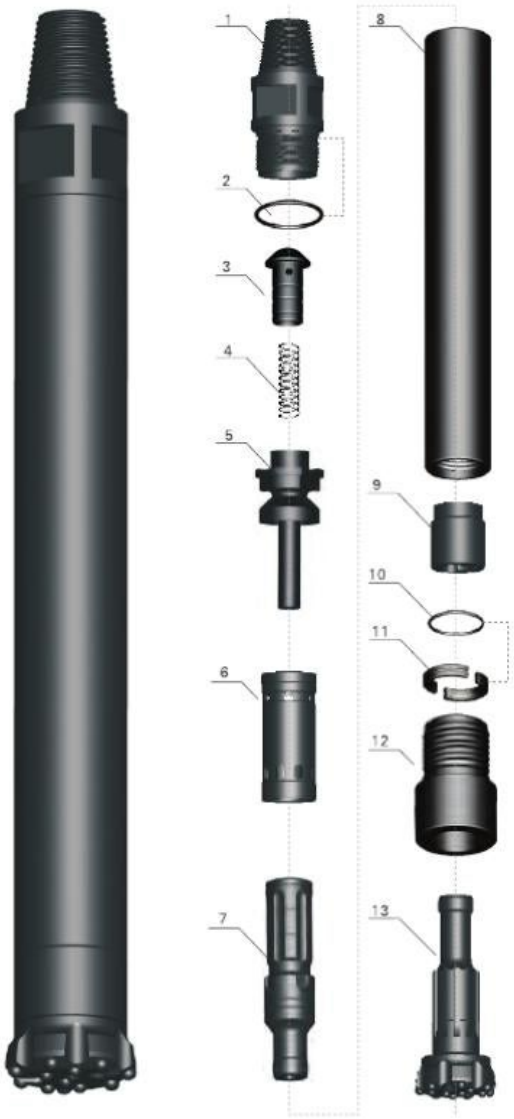
技术参数
Technical Data

总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread	
1012mm	40.00Kg	Φ99mm	SD4	Φ110—Φ135	API 2⅜" Reg	
可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed		耗风量 Air consumption		
				1.0Mpa	1.8Mpa	2.4Mpa
1.5—2.0Mpa	30HZ	25–40r/min		6m³/min	9m³/min	14m³/min

祸在一时，防在平时。
Disaster emerges accidently, so a usual prevention is necessary.

HM4A潜孔冲击器
HM4A DTH HAMMER

无尼龙管高风压冲击器系列
High Air Pressure without foot vlave DTH Hammers



Item Description（零部件名称）	Weight（重量）Kg	Part Number（零部件代号）
1、接　头 Top Sub	6.50	HM4A01
2、接头O形圈 "O" Ring of Top Sub	0.01	HM4A02
3、逆止阀 Check Valve	0.35	HM4A03
4、弹　簧 Spring	0.05	HM4A04
5、配气座 Air Distributor	1.50	HM4A05
6、内　缸 Internal Cylinder	2.10	HM4A06
7、活　塞 Piston	8.50	HM4A07
8、外　缸 External Cylinder	14.80	HM4A08
9、衬　套 Guided Sleeve	1.80	HM4A09
10、卡环O型圈 "O" Ring of Stop Ring	0.005	HM4A10
11、卡　环 Stop Ring	0.30	HM4A11
12、卡钎套 Drive Chuck	3.80	HM4A12
13、钻　头 Drill Bit	6.60	HM4A13

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

技术参数
Technical Data

总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread	
1005mm	40.00Kg	Φ99mm	HM4	Φ110—Φ135	API 2⅜" Reg	
可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed		耗风量 Air consumption		
				1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	30HZ	25-40r/min		5m³/min	9m³/min	14m³/min

人生最险得意时。
The most dangerous time of your life is when you are in your glory.

HQL4A潜 孔 冲 击 器
HQL4A DTH HAMMER

无 尼 龙 管 高 风 压 冲 击 器 系 列
High Air Pressure without foot vlave DTH Hammers



Item Description（零部件名称）	Weight（重量）Kg	Part Number（零部件代号）
1、接　头 Top Sub	6.50	HQL4A01
2、接头O形圈 "O" Ring of Top Sub	0.01	HQL4A02
3、逆 止 阀 Check Valve	0.35	HQL4A03
4、弹　簧 Spring	0.05	HQL4A04
5、配 气 座 Air Distributor	1.50	HQL4A05
6、内　缸 Internal Cylinder	2.10	HQL4A06
7、活　塞 Piston	8.50	HQL4A07
8、外　缸 External Cylinder	15.20	HQL4A08
9、衬　套 Guided Sleeve	1.80	HQL4A09
10、卡环O型圈 "O" Ring of Stop Ring	0.005	HQL4A10
11、卡　环 Stop Ring	0.20	HQL4A11
12、卡 钎 套 Drive Chuck	3.20	HQL4A12
13、钻　头 Drill Bit	9.00	HQL4A13

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

技 术 参 数
Technical Data

总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread	
1070mm	40.00Kg	Φ99mm	QL40	Φ110—Φ135	API 2⅜"Reg	
可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed		耗风量 Air consumption		
				1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	30HZ	25–40r/min		5m³/min	9m³/min	14m³/min

生活的智慧就在于遇事问个为什么。
The wisdom of life lies in asking why.

5"

HD55A潜孔冲击器
HD55A DTH HAMMER

无尼龙管高风压冲击器系列
High Air Pressure without foot vlave DTH Hammers



Item Description（零部件名称）	weight（重量）Kg	Part Number（零部件代号）
1、接　头 Top Sub	13.70	HD55A01
2、接头O形圈 "O" Ring of Top Sub	0.015	HD55A02
3、逆止阀 Check Valve	0.70	HD55A03
4、弹　簧 Spring	0.10	HD55A04
5、配气座 Air Distributor	2.00	HD55A05
6、内　缸 Internal Cylinder	2.80	HD55A06
7、活　塞 Piston	15.00	HD55A07
8、外　缸 External Cylinder	24.00	HD55A08
9、衬　套 Guided Sleeve	2.60	HD55A09
10、卡环O型圈 "O" Ring of Stop Ring	0.01	HD55A10
11、卡　环 Stop Ring	0.50	HD55A11
12、卡钎套 Drive Chuck	6.50	HD55A12
13、钻　头 Drill Bit	16.00	HD55A13

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

技术参数
Technical Data

总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread	
1110mm	69.00Kg	Φ125mm	Cop54 DHD350R	Φ135—Φ155	API 2⅜" Reg API 3½" Reg	
可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed		耗风量 Air consumption		
				1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	28HZ	20–35r/min		7m³/min	14m³/min	19m³/min

用着的钥匙永远光亮。
The using key always keeps bright.

HD55S潜孔冲击器
HD55S DTH HAMMER

无尼龙管高风压冲击器系列
High Air Pressure without foot vlave DTH Hammers



Item Description（零部件名称）	Weight（重量）Kg	Part Number（零部件代号）
1、接　头 Top Sub	13.30	HD55S01
2、接头O形圈 "O" Ring of Top Sub	0.015	HD55S02
3、逆止阀 Check Valve	0.70	HD55S03
4、弹　簧 Spring	0.10	HD55S04
5、配气座 Air Distributor	1.90	HD55S05
6、内　缸 Internal Cylinder	2.70	HD55S06
7、活　塞 Piston	14.50	HD55S07
8、外　缸 External Cylinder	23.00	HD55S08
9、衬　套 Guided Sleeve	2.50	HD55S09
10、卡环O型圈 "O" Ring of Stop Ring	0.01	HD55S10
11、卡　环 Stop Ring	0.50	HD55S11
12、卡钎套 Drive Chuck	6.20	HD55S12
13、钻　头 Drill Bit	15.50	HD55S13

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

技术参数
Technical Data

总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread
1110mm	66.00Kg	Φ116mm	Cop54 DHD350R	Φ127—Φ145	API 2⅜" Reg API 3½" Reg

可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed	耗风量 Air consumption		
			1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	28HZ	20–35r/min	7m³/min	13.5m³/min	18m³/min

雪满山中高士卧，月明林下美人来。
In the mountain full of snow lies the hermit, in the moon–lit wood comes the beauty.

HD55C(A)潜孔冲击器
HD55C(A) DTH HAMMER

无尼龙管高风压冲击器系列
High Air Pressure without foot vlave DTH Hammers



Item Description (零部件名称)	weight (重量) Kg	Part Number (零部件代号)
1、接　头 Top Sub	13.70	HD55C(A)01
2、接头O形圈 "O" Ring of Top Sub	0.015	HD55C(A)02
3、逆止阀 Check Valve	0.70	HD55C(A)03
4、弹　簧 Spring	0.10	HD55C(A)04
5、配气座 Air Distributor	2.00	HD55C(A)05
6、内　缸 Internal Cylinder	2.80	HD55C(A)06
7、活　塞 Piston	15.00	HD55C(A)07
8、外　缸 External Cylinder	25.00	HD55C(A)08
9、衬　套 Guided Sleeve	3.20	HD55C(A)09
10、卡环O型圈 "O" Ring of Stop Ring	0.01	HD55C(A)10
11、卡　环 Stop Ring	0.50	HD55C(A)11
12、卡钎套 Drive Chuck	4.00	HD55C(A)12
13、钻　头 Drill Bit	15.90	HD55C(A)13

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

技术参数
Technical Data

总长（不含钻头） Length(Less bit)	总重（不含钻头） Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread
1102mm	68.00Kg	Φ125mm	HD55C DHD350Q	Φ135—Φ155	API 2⅜" Reg API 3½" Reg

可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed	耗风量 Air consumption		
			1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	28HZ	20-35r/min	8m³/min	14m³/min	19m³/min

借天下势，发天下财，办天下事。
Follow the trend of the world, make fortune and handle affairs.

HM5A潜孔冲击器
HM5A DTH HAMMER

无尼龙管高风压冲击器系列
High Air Pressure without foot vlave DTH Hammers



Item Description（零部件名称）	Weight（重量）Kg	Part Number（零部件代号）
1、接　头 Top Sub	13.70	HM5A01
2、接头O形圈 "O" Ring of Top Sub	0.015	HM5A02
3、逆止阀 Check Valve	0.70	HM5A03
4、弹　簧 Spring	0.10	HM5A04
5、配气座 Air Distributor	2.00	HM5A05
6、内　缸 Internal Cylinder	2.80	HM5A06
7、活　塞 Piston	15.00	HM5A07
8、外　缸 External Cylinder	24.00	HM5A08
9、衬　套 Guided Sleeve	2.60	HM5A09
10、卡环O型圈 "O" Ring of Stop Ring	0.01	HM5A10
11、卡　环 Stop Ring	0.70	HM5A11
12、卡钎套 Drive Chuck	6.50	HM5A12
13、钻　头 Drill Bit	13.50	HM5A13

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

技术参数
Technical Data

总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread
1110mm	68.50Kg	Φ125mm	HM5	Φ135—Φ155	API 2⅜" Reg API 3½" Reg

可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed	耗风量 Air consumption		
			1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	28HZ	20-35r/min	7m³/min	14m³/min	19m³/min

疑无路时却有路，该低头处且低头。
There is a path out when one doubts whether there is a way out, bow your head when you should be.

HSD5A潜孔冲击器
HSD5A DTH HAMMER

无尼龙管高风压冲击器系列
High Air Pressure without foot vlave DTH Hammers



Item Description（零部件名称）	weight（重量）Kg	Part Number（零部件代号）
1、接　头 Top Sub	13.70	HSD5A01
2、接头O形圈 "O" Ring of Top Sub	0.015	HSD5A02
3、逆止阀 Check Valve	0.70	HSD5A03
4、弹　簧 Spring	0.10	HSD5A04
5、配气座 Air Distributor	2.00	HSD5A05
6、内　缸 Internal Cylinder	2.80	HSD5A06
7、活　塞 Piston	15.00	HSD5A07
8、外　缸 External Cylinder	24.00	HSD5A08
9、衬　套 Guided Sleeve	2.60	HSD5A09
10、卡环O型圈 "O" Ring of Stop Ring	0.01	HSD5A10
11、卡　环 Stop Ring	0.50	HSD5A11
12、卡钎套 Drive Chuck	7.50	HSD5A12
13、钻　头 Drill Bit	16.00	HSD5A13

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

技术参数
Technical Data

总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread	
1090mm	70.00Kg	Φ125mm	SD5	Φ135—Φ155	API 2⅜" Reg API 3½" Reg	
可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed		耗风量 Air consumption		
				1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	28HZ	20–35r/min		7m³/min	14m³/min	19m³/min

乌有反哺之孝，羊知跪乳之恩。
The crow knows regurgitation feeding, and the lamb sees kneeling milk.

HQL5A 潜 孔 冲 击 器
HQL5A DTH HAMMER

无 尼 龙 管 高 风 压 冲 击 器 系 列
High Air Pressure without foot vlave DTH Hammers



Item Description（零部件名称）	Weight（重量）Kg	Part Number（零部件代号）
1、接　头 Top Sub	13.70	HQL5A01
2、接头O形圈 "O" Ring of Top Sub	0.015	HQL5A02
3、逆 止 阀 Check Valve	0.70	HQL5A03
4、弹　簧 Spring	0.10	HQL5A04
5、配 气 座 Air Distributor	2.00	HQL5A05
6、内　缸 Internal Cylinder	2.70	HQL5A06
7、活　塞 Piston	15.00	HQL5A07
8、外　缸 External Cylinder	24.00	HQL5A08
9、衬　套 Guided Sleeve	3.00	HQL5A09
10、卡环O型圈 "O" Ring of Stop Ring	0.01	HQL5A10
11、卡　环 Stop Ring	0.40	HQL5A11
12、卡 钎 套 Drive Chuck	4.50	HQL5A12
13、钻　头 Drill Bit	16.00	HQL5A13

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

技 术 参 数
Technical Data

总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread
1090mm	67.00Kg	Φ125mm	QL50	Φ135—Φ155	API 2⅜" Reg API 3½" Reg

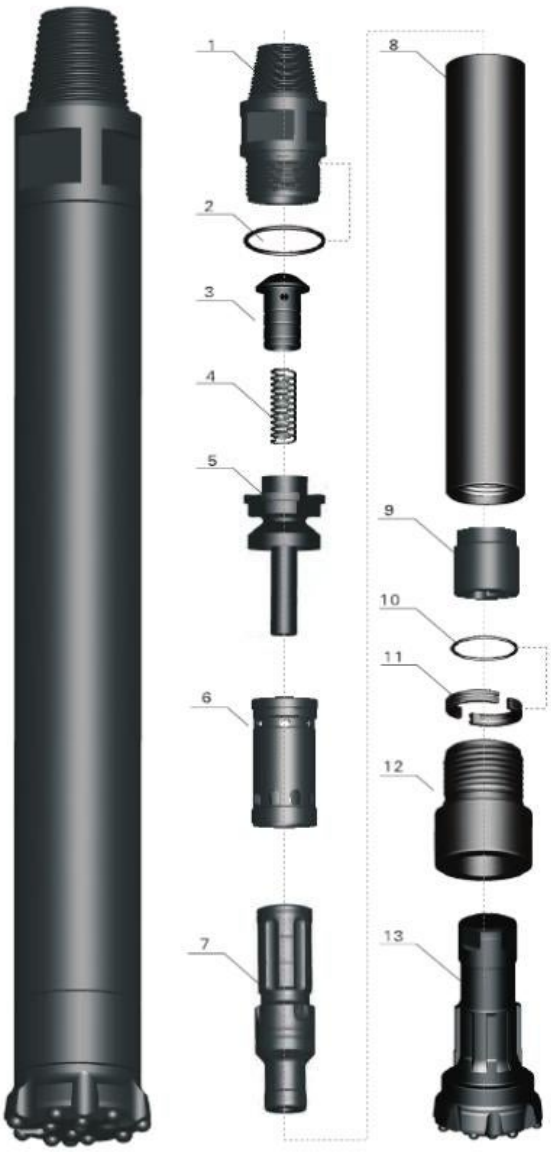
可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed	耗风量 Air consumption		
			1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	28HZ	20–35r/min	7m³/min	14m³/min	19m³/min

记住该记住的，忘记该忘记的，改变能改变的，接受不能改变的。
Remember what should be remembered, forget what should be forgotten; Alter what is changeable, accept what is unalterable.

6"

HD65A 潜 孔 冲 击 器
HD65A DTH HAMMER

无 尼 龙 管 高 风 压 冲 击 器 系 列
High Air Pressure without foot vlave DTH Hammers



Item Description (零部件名称)	Weight (重量) Kg	Part Number (零部件代号)
1、接　头 Top Sub	20.00	HD65A01
2、接头O形圈 "O" Ring of Top Sub	0.02	HD65A02
3、逆 止 阀 Check Valve	0.70	HD65A03
4、弹　簧 Spring	0.10	HD65A04
5、配 气 座 Air Distributor	3.50	HD65A05
6、内　缸 Internal Cylinder	4.20	HD65A06
7、活　塞 Piston	23.00	HD65A07
8、外　缸 External Cylinder	31.50	HD65A08
9、衬　套 Guided Sleeve	6.50	HD65A09
10、卡环O型圈 "O" Ring of Stop Ring	0.01	HD65A10
11、卡　环 Stop Ring	0.60	HD65A11
12、卡 钎 套 Drive Chuck	6.00	HD65A12
13、钻　头 Drill Bit	26.00	HD65A13

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

技 术 参 数
Technical Data

总长（不含钻头） Length(Less bit)	总重（不含钻头） Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread	
1238mm	98.0Kg	Φ142mm	Cop64 DHD360	Φ155—Φ203	API 3½"Reg	
可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed		耗风量 Air consumption		
				1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	25HZ	20–30r/min		9m³/min	18m³/min	26m³/min

最能征服人心的力量，恰恰来自对他人的尊重。
Respect for others is precisely the source of power that conquers the heart best.

HM6A潜 孔 冲 击 器
HM6A DTH HAMMER

无 尼 龙 管 高 风 压 冲 击 器 系 列
High Air Pressure without foot vlave DTH Hammers



Item Description（零部件名称）	Weight（重量）Kg	Part Number（零部件代号）
1、接　头 Top Sub	20.00	HM6A01
2、接头O形圈 "O" Ring of Top Sub	0.015	HM6A02
3、逆 止 阀 Check Valve	0.70	HM6A03
4、弹　簧 Spring	0.10	HM6A04
5、配 气 座 Air Distributor	3.50	HM6A05
6、内　缸 Internal Cylinder	4.20	HM6A06
7、活　塞 Piston	23.00	HM6A07
8、外　缸 External Cylinder	26.00	HM6A08
9、衬　套 Guided Sleeve	4.80	HM6A09
10、卡环O型圈 "O" Ring of Stop Ring	0.01	HM6A10
11、卡　环 Stop Ring	0.80	HM6A11
12、卡 钎 套 Drive Chuck	4.20	HM6A12
13、钻　头 Drill Bit	23.00	HM6A13

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

技 术 参 数
Technical Data

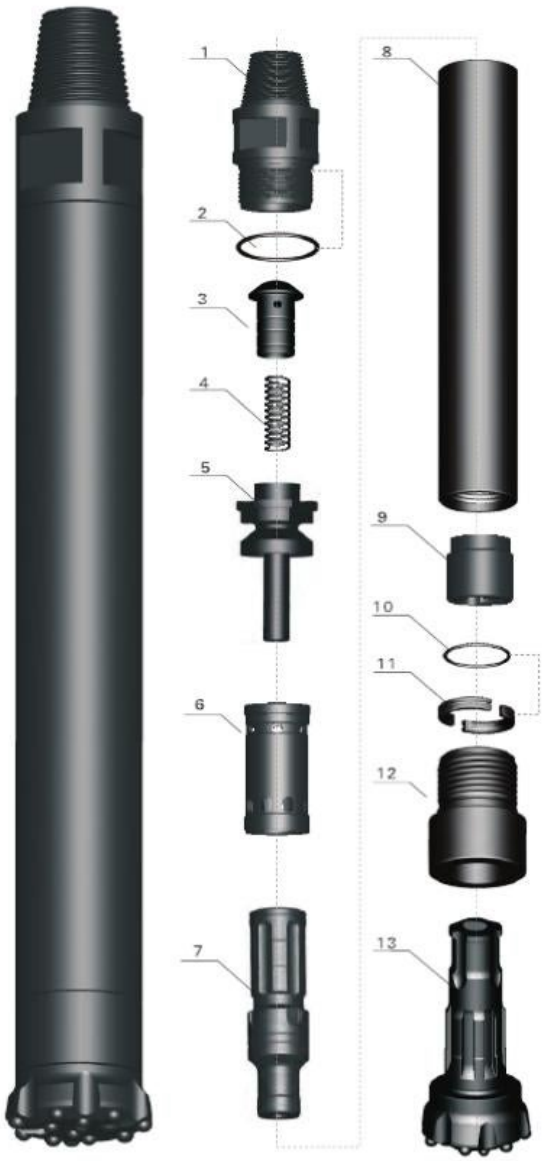
总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread
1161mm	90.00Kg	Φ146mm	HM6	Φ155—Φ203	API 3 ½"Reg

可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed	耗风量 Air consumption		
			1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	25HZ	20–30r/min	9m³/min	18m³/min	26m³/min

身安不如心安，屋宽不如心宽。
Feeling at ease is better than body security and to laugh is better than big house.

HSD6A潜 孔 冲 击 器
HSD6A DTH HAMMER

无 尼 龙 管 高 风 压 冲 击 器 系 列
High Air Pressure without foot vlave DTH Hammers



Item Description（零部件名称）	Weight（重量）Kg	Part Number（零部件代号）
1、接　　头　Top Sub	20.00	HSD6A01
2、接头O形圈　"O" Ring of Top Sub	0.015	HSD6A02
3、逆 止 阀　Check Valve	0.70	HSDS6A03
4、弹　　簧　Spring	0.10	HSD6A04
5、配 气 座　Air Distributor	3.50	HSD6A05
6、内　　缸　Internal Cylinder	4.20	HSD6A06
7、活　　塞　Piston	23.00	HSD6A07
8、外　　缸　External Cylinder	28.00	HSD6A08
9、衬　　套　Guided Sleeve	2.50	HSD6A09
10、卡环O型圈　"O" Ring of Stop Ring	0.01	HSD6A10
11、卡　　环　Stop Ring	0.50	HSD6A11
12、卡 钎 套　Drive Chuck	7.50	HSD6A12
13、钻　　头　Drill Bit	27.00	HSD6A13

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

技 术 参 数
Technical Data

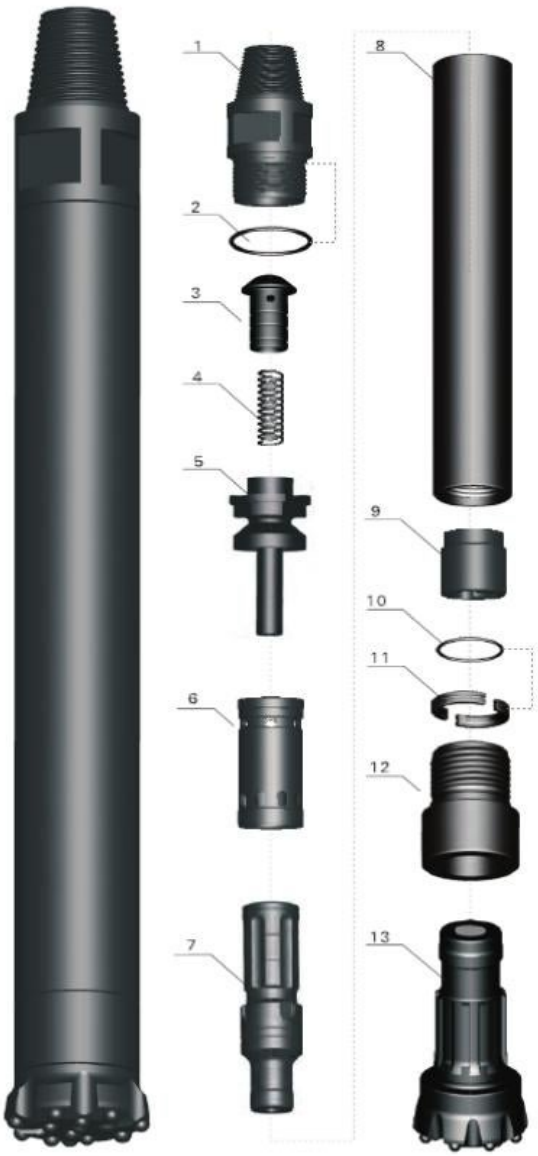
总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread	
1182mm	90.00Kg	Φ146mm	SD6	Φ155—Φ203	API 3½"Reg	
可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed		耗风量 Air consumption		
				1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	25HZ	20–30r/min		9m³/min	18m³/min	26m³/min

识时务方为俊杰，知深浅才是达人。

The one understands the time of the world is the outstanding talent, and the one knows the water is the expert.

HQL6A 潜 孔 冲 击 器
HQL6A DTH HAMMER

无 尼 龙 管 高 风 压 冲 击 器 系 列
High Air Pressure without foot vlave DTH Hammers



Item Description（零部件名称）	Weight（重量）Kg	Part Number（零部件代号）
1、接　　头　Top Sub	20.00	HQL6A01
2、接头O形圈　"O" Ring of Top Sub	0.015	HQL6A02
3、逆 止 阀　Check Valve	0.70	HQL6A03
4、弹　　簧　Spring	0.10	HQL6A04
5、配 气 座　Air Distributor	3.50	HQL6A05
6、内　　缸　Internal Cylinder	4.20	HQL6A06
7、活　　塞　Piston	23.00	HQL6A07
8、外　　缸　External Cylinder	30.00	HQL6A08
9、衬　　套　Guided Sleeve	4.00	HQL6A09
10、卡环O型圈　"O" Ring of Stop Ring	0.01	HQL6A10
11、卡　　环　Stop Ring	0.60	HQL6A11
12、卡 钎 套　Drive Chuck	5.50	HQL6A12
13、钻　　头　Drill Bit	25.00	HQL6A13

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

技 术 参 数
Technical Data

总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread
1183mm	92.00Kg	Φ146mm	QL60	Φ155—Φ203	API 3 ½"Reg

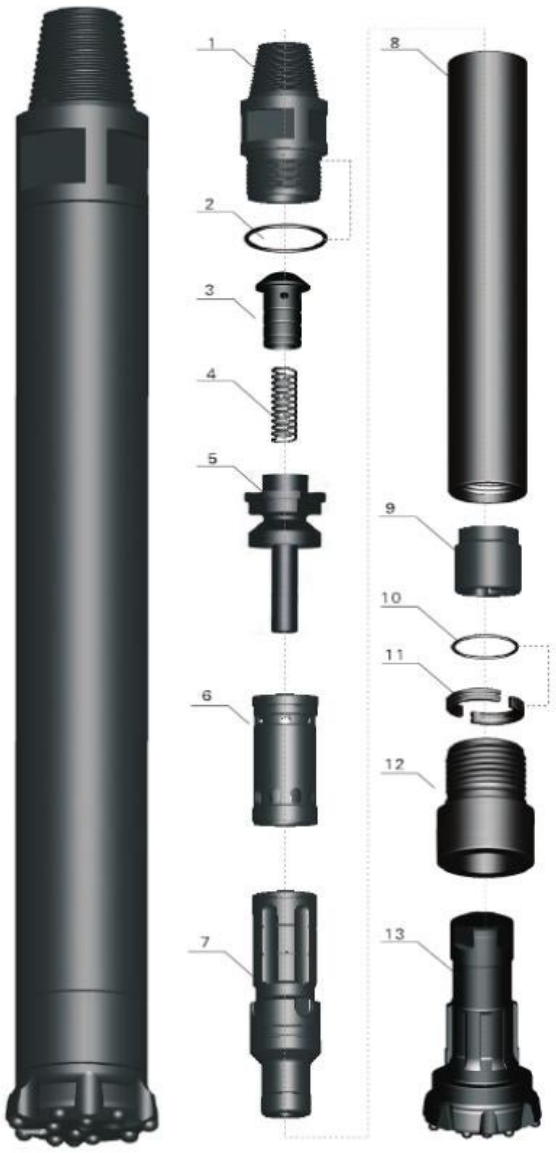
可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed	耗风量 Air consumption		
			1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	25HZ	20–30r/min	9m³/min	18m³/min	26m³/min

尽职尽责，才能尽善尽美。
Only commitment can reach perfection.

7"

HD75A 潜 孔 冲 击 器
HD75A DTH HAMMER

无 尼 龙 管 高 风 压 冲 击 器 系 列
High Air Pressure without foot vlave DTH Hammers



Item Description（零部件名称）	Weight（重量）Kg	Part Number（零部件代号）
1、接　头 Top Sub	23.00	HD75A01
2、接头O形圈 "O" Ring of Top Sub	0.015	HD75A02
3、逆 止 阀 Check Valve	0.70	HD75A03
4、弹　簧 Spring	0.10	HD75A04
5、配 气 座 Air Distributor	4.50	HD75A05
6、内　缸 Internal Cylinder	6.50	HD75A06
7、活　塞 Piston	28.00	HD75A07
8、外　缸 External Cylinder	40.00	HD75A08
9、衬　套 Guided Sleeve	7.50	HD75A09
10、卡环O型圈 "O" Ring of Stop Ring	0.01	HD75A10
11、卡　环 Stop Ring	0.80	HD75A11
12、卡 钎 套 Drive Chuck	8.00	HD75A12
13、钻　头 Drill Bit	28.50	HD75A13

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

技 术 参 数
Technical Data

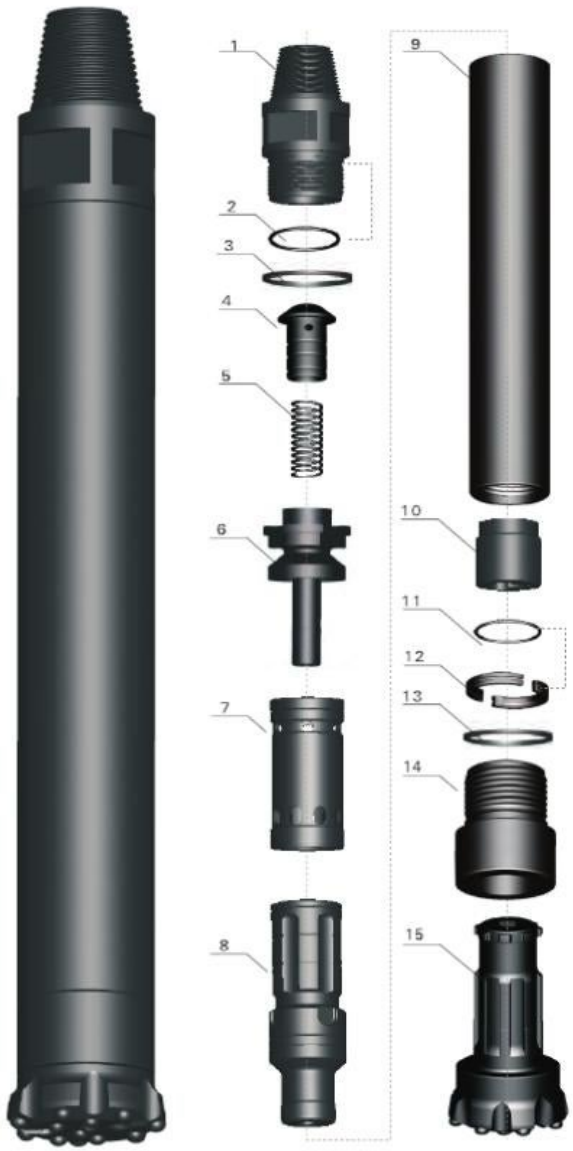
总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread	
1258mm	120.0Kg	Φ165mm	Cop64 DHD360	Φ175—Φ216	API 3 ½"Reg	
可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed		耗风量 Air consumption		
				1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	23HZ	20–30r/min		11m³/min	20m³/min	28m³/min

用感恩的心做人，用敬畏的心做事。
Live with a grateful heart and do things with awe.

8"

HD85A 潜 孔 冲 击 器
HD85A DTH HAMMER

无 尼 龙 管 高 风 压 冲 击 器 系 列
High Air Pressure without foot vlave DTH Hammers



Item Description (零部件名称)	Weight (重量) Kg	Part Number (零部件代号)
1、接　　头　Top Sub	34.00	HD85A01
2、接头O形圈　"O" Ring of Top Sub	0.015	HD85A02
3、接头垫片　Breakout Ring	0.30	HD85A03
4、逆　止　阀　Check Valve	1.20	HD85A04
5、弹　　簧　Spring	0.10	HD85A05
6、配　气　座　Air Distributor	6.00	HD85A06
7、内　　缸　Internal Cylinder	6.50	HD85A07
8、活　　塞　Piston	42.50	HD85A08
9、外　　缸　External Cylinder	60.00	HD85A09
10、衬　　套　Guided Sleeve	5.30	HD85A10
11、卡环O型圈　"O" Ring of Stop Ring	0.01	HD85A11
12、卡　　环　Stop Ring	1.20	HD85A12
13、卡钎套垫片　Breakout Ring	0.30	HD85A13
14、卡　钎　套　Drive Chuck	17.50	HD85A14
15、钻　　头　Drill Bit	40.00	HD85A15

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

技 术 参 数
Technical Data

总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread
1359mm	175.00Kg	Φ180mm	Cop84 DHD380	Φ195—Φ254	API 4½"Reg

可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed	耗风量 Air consumption		
			1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	22HZ	15–25r/min	12m³/min	22m³/min	28m³/min

自主创新和产品的品质是企业竞争和市场开拓的最大利器。
Independent innovation and the quality of the product are the greatest weapons of enterprise competition and market development.

HM8A潜 孔 冲 击 器
HM8A DTH HAMMER

无 尼 龙 管 高 风 压 冲 击 器 系 列
High Air Pressure without foot vlave DTH Hammers



Item Description（零部件名称）	Weight（重量）Kg	Part Number（零部件代号）
1、接　　头　Top Sub	34.00	HM8A01
2、接头O形圈　"O" Ring of Top Sub	0.015	HM8A02
3、接 头 垫 片　Breakout Ring	0.30	HM8A03
4、逆　止　阀　Check Valve	1.20	HM8A04
5、弹　　簧　Spring	0.10	HM8A05
6、配　气　座　Air Distributor	6.00	HM8A06
7、内　　缸　Internal Cylinder	6.50	HM8A07
8、活　　塞　Piston	42.50	HM8A08
9、外　　缸　External Cylinder	61.00	HM8A09
10、衬　　套　Guided Sleeve	5.30	HM8A10
11、卡环O型圈　"O" Ring of Stop Ring	0.01	HM8A11
12、卡　　环　Stop Ring	1.50	HM8A12
13、卡钎套垫片　Breakout Ring	0.30	HM8A13
14、卡　钎　套　Drive Chuck	17.30	HM8A14
15、钻　　头　Drill Bit	31.00	HM8A15

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

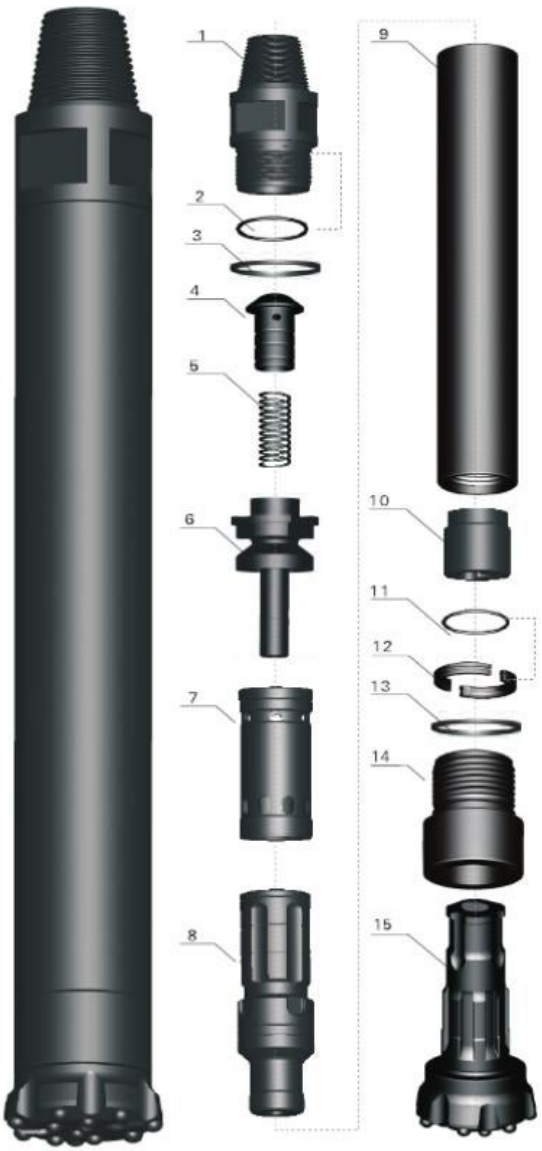
技 术 参 数
Technical Data

总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread	
1338mm	176.00Kg	Φ180mm	HM8	Φ195—Φ254	API 4½"Reg	
可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed		耗风量 Air consumption		
				1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	22HZ	15-25r/min		12m³/min	22m³/min	28m³/min

找借口不如找差距，找理由不如找方法。
Realization of shortcomings serves better than excuse and methods better than false reasons.

HSD8A 潜孔冲击器
HSD8A DTH HAMMER

无尼龙管高风压冲击器系列
High Air Pressure without foot vlave DTH Hammers



Item Description（零部件名称）		Weight（重量）Kg	Part Number（零部件代号）
1、接　　头	Top Sub	34.00	HSD8A01
2、接头O形圈	"O" Ring of Top Sub	0.015	HSD8A02
3、接头垫片	Breakout Ring	0.30	HSD8A03
4、逆　止　阀	Check Valve	1.20	HSD8A04
5、弹　　簧	Spring	0.10	HSD8A05
6、配　气　座	Air Distributor	6.00	HSD8A06
7、内　　缸	Internal Cylinder	6.50	HSD8A07
8、活　　塞	Piston	42.50	HSD8A08
9、外　　缸	External Cylinder	59.00	HSD8A09
10、衬　　套	Guided Sleeve	6.00	HSD8A10
11、卡环O型圈	"O" Ring of Stop Ring	0.01	HSD8A11
12、卡　　环	Stop Ring	1.20	HSD8A12
13、卡钎套垫片	Breakout Ring	0.30	HSD8A13
14、卡　钎　套	Drive Chuck	16.00	HSD8A14
15、钻　　头	Drill Bit	37.00	HSD8A15

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

技术参数
Technical Data

总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread
1330mm	174.00Kg	Φ180mm	SD8	Φ195—Φ254	API 4½"Reg

可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed	耗风量 Air consumption		
			1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	22HZ	15–25r/min	12m³/min	22m³/min	28m³/min

锐气藏于胸，和气浮于脸，才气见于事，义气施于人。
Keep elan in the heart and kindness on the face; do things with talent and treat people with personal loyalty.

HQL8A潜 孔 冲 击 器
HQL8A DTH HAMMER

无 尼 龙 管 高 风 压 冲 击 器 系 列
High Air Pressure without foot vlave DTH Hammers



Item Description（零部件名称）		weight（重量）Kg	Part Number（零部件代号）
1、接 头	Top Sub	34.00	HQL8A01
2、接头O形圈	"O" Ring of Top Sub	0.015	HQL8A02
3、接头垫片	Breakout Ring	0.30	HQL8A03
4、逆 止 阀	Check Valve	1.20	HQL8A04
5、弹 簧	Spring	0.10	HQL8A05
6、配 气 座	Air Distributor	6.00	HQL8A06
7、内 缸	Internal Cylinder	6.50	HQL8A07
8、活 塞	Piston	42.50	HQL8A08
9、外 缸	External Cylinder	59.00	HQL8A09
10、衬 套	Guided Sleeve	6.30	HQL8A10
11、卡环O型圈	"O" Ring of Stop Ring	0.01	HQL8A11
12、卡 环	Stop Ring	1.40	HQL8A12
13、卡钎套垫片	Breakout Ring	0.30	HQL8A13
14、卡 钎 套	Drive Chuck	13.00	HQL8A14
15、钻 头	Drill Bit	35.00	HQL8A15

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

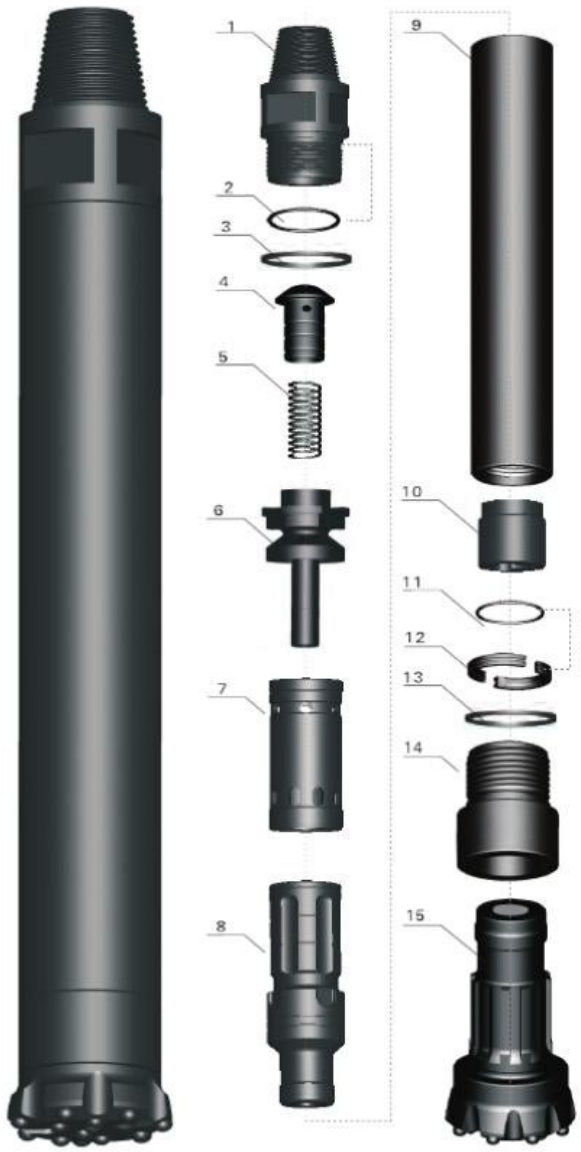
技 术 参 数
Technical Data

总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread	
1330mm	171.00Kg	Φ180mm	QL80	Φ195—Φ254	API 4½"Reg	
可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed		耗风量 Air consumption		
				1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	22HZ	15-25r/min		12m³/min	22m³/min	28m³/min

不要说竞争对手的坏话。
Never speak ill of your competitors.

HQL95A潜 孔 冲 击 器
HQL95A DTH HAMMER

无 尼 龙 管 高 风 压 冲 击 器 系 列
High Air Pressure without foot vlave DTH Hammers



Item Description（零部件名称）	Weight（重量）Kg	Part Number（零部件代号）
1、接　　头 Top Sub	35.00	HQL95A01
2、接头O形圈 "O" Ring of Top Sub	0.01	HQL95A02
3、接 头 垫 片 Breakout Ring	0.40	HQL95A03
4、逆　止　阀 Check Valve	1.20	HQL95A04
5、弹　　簧 Spring	0.10	HQL95A05
6、配　气　座 Air Distributor	7.00	HQL95A06
7、内　　缸 Internal Cylinder	7.50	HQL95A07
8、活　　塞 Piston	48.00	HQL95A08
9、外　　缸 External Cylinder	75.00	HQL95A09
10、衬　　套 Guided Sleeve	12.00	HQL95A10
11、卡环O型圈 "O" Ring of Stop Ring	0.01	HQL95A11
12、卡　　环 Stop Ring	1.70	HQL95A12
13、卡钎套垫片 Breakout Ring	0.40	HQL95A13
14、卡　钎　套 Drive Chuck	15.00	HQL90A14
15、钻　　头 Drill Bit	50.00	HQL95A15

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

技 术 参 数
Technical Data

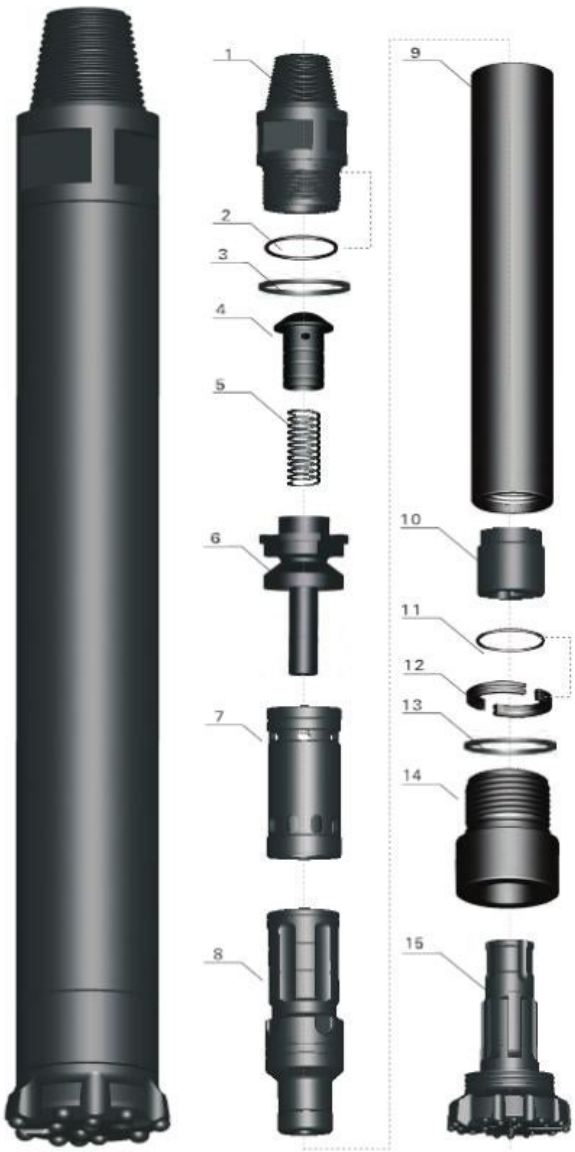
总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread
1340mm	203.00Kg	Φ203mm	QL80	Φ216—Φ254	API 4½"Reg

可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed	耗风量 Air consumption		
			1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	22HZ	15–25r/min	16m³/min	28m³/min	39m³/min

10"

HSD10A 潜 孔 冲 击 器
HSD10A DTH HAMMER

无 尼 龙 管 高 风 压 冲 击 器 系 列
High Air Pressure without foot vlave DTH Hammers



Item Description (零部件名称)	Weight (重量) Kg	Part Number (零部件代号)
1、接　　头　Top Sub	59.00	HSD10A01
2、接头O形圈　"O" Ring of Top Sub	0.03	HSD10A02
3、接头垫片　Breakout Ring	0.50	HSD10A03
4、逆　止　阀　Check Valve	1.40	HSD10A04
5、弹　　簧　Spring	0.30	HSD10A05
6、配　气　座　Air Distributor	10.50	HSD10A06
7、内　　缸　Internal Cylinder	12.50	HSD10A07
8、活　　塞　Piston	77.00	HSD10A08
9、外　　缸　External Cylinder	110.00	HSD10A09
10、衬　　套　Guided Sleeve	11.50	HSD10A10
11、卡环O型圈　"O" Ring of Stop Ring	0.01	HSD10A11
12、卡　　环　Stop Ring	1.50	HSD10A12
13、卡钎套垫片　Breakout Ring	0.50	HSD10A13
14、卡　钎　套　Drive Chuck	31.50	HSD10A14
15、钻　　头　Drill Bit	108.00	HSD10A15

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

技 术 参 数
Technical Data

总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread	
1525mm	316.00Kg	Φ226mm	SD10	Φ254—Φ311	API 6⅝"Reg	
可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed		耗风量 Air consumption		
				1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	20HZ	15-25r/min		22m³/min	40m³/min	65m³/min

因境而变，随情而行。
Change with the ever-changing situation; act according to the true of your mind.

HN100A 潜孔冲击器
HN100A DTH HAMMER

无尼龙管高风压冲击器系列
High Air Pressure without foot vlave DTH Hammers



Item Description（零部件名称）		Weight（重量）Kg	Part Number（零部件代号）
1、接　　头	Top Sub	59.00	HN100A01
2、接头O形圈	"O" Ring of Top Sub	0.03	HN100A02
3、接头垫片	Breakout Ring	0.50	HN100A03
4、逆　止　阀	Check Valve	1.40	HN100A04
5、弹　　簧	Spring	0.30	HN100A05
6、配　气　座	Air Distributor	10.50	HN100A06
7、内　　缸	Internal Cylinder	12.50	HN100A07
8、活　　塞	Piston	77.00	HN100A08
9、外　　缸	External Cylinder	110.00	HN100A09
10、衬　　套	Guided Sleeve	4.50	HN100A10
11、卡环O型圈	"O" Ring of Stop Ring	0.02	HN100A11
12、卡　　环	Stop Ring	1.90	HN100A12
13、卡钎套垫片	Breakout Ring	0.50	HN100A13
14、卡　钎　套	Drive Chuck	25.50	HN100A14
15、钻　　头	Drill Bit	106.00	HN100A15

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

技术参数
Technical Data

总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread
1545mm	305.00Kg	Φ226mm	NUMA100	Φ254—Φ311	API 6⅝"Reg

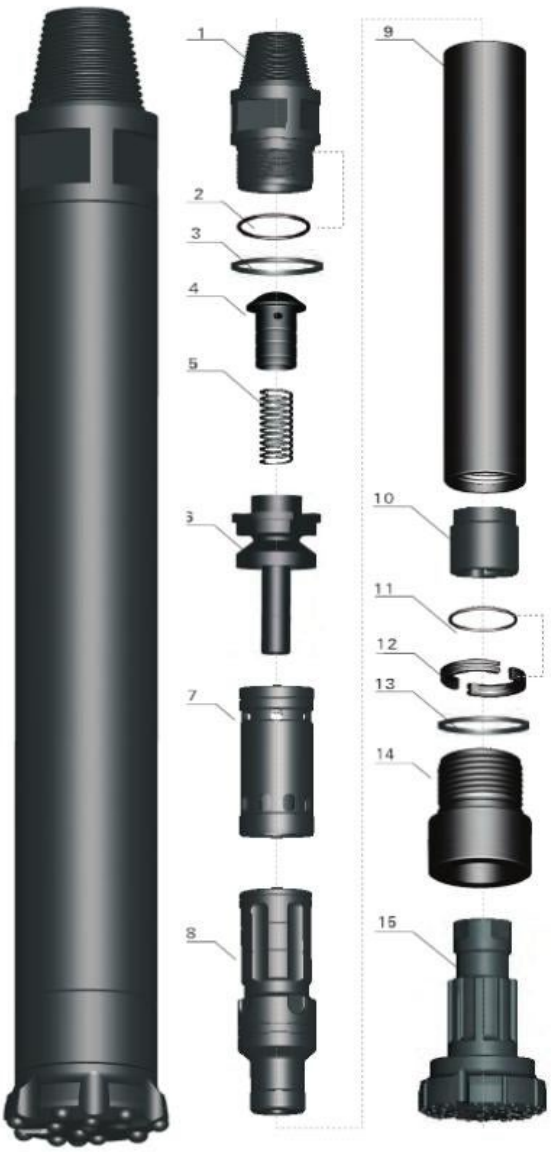
可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed	耗风量 Air consumption		
			1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	20HZ	15–25r/min	22m³/min	40m³/min	65m³/min

得意失意切莫在意，顺境逆境切莫止境。
Success or frustration, don't give too much consideration; Weal or woe, never be at standstill.

12"

HD1120A 潜 孔 冲 击 器
HD1120A DTH HAMMER

无 尼 龙 管 高 风 压 冲 击 器 系 列
High Air Pressure without foot vlave DTH Hammers



Item Description (零部件名称)		Weight (重量) Kg	Part Number (零部件代号)
1、接 头	Top Sub	70.00	HD1120A01
2、接头O形圈	"O" Ring of Top Sub	0.04	HD1120A02
3、接头垫片	Breakout Ring	0.80	HD1120A03
4、逆 止 阀	Check Valve	2.00	HD1120A04
5、弹 簧	Spring	0.10	HD1120A05
6、配 气 座	Air Distributor	16.00	HD1120A06
7、内 缸	Internal Cylinder	25.00	HD1120A07
8、活 塞	Piston	113.00	HD1120A08
9、外 缸	External Cylinder	173.00	HD1120A09
10、衬 套	Guided Sleeve	24.00	HD1120A10
11、卡环O型圈	"O" Ring of Stop Ring	0.01	HD1120A11
12、卡 环	Stop Ring	4.00	HD1120A12
13、卡钎套垫片	Breakout Ring	0.80	HD1120A13
14、卡 钎 套	Drive Chuck	46.00	HD1120A14
15、钻 头	Drill Bit	140.00	HD1120A15

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

技 术 参 数
Technical Data

总长（不含钻头） Length(Less bit)	总重（不含钻头） Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread	
1880mm	474.00Kg	Φ275mm	DHD1120	Φ305—Φ445	API 6⅝"Reg	
可用工作风压 Working Pressure	在17bar时的冲击频率 Impact rate at 17 Bar	推荐转速 Recommended rotation speed		耗风量 Air consumption		
				1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	20HZ	15-25r/min		28m³/min	50m³/min	71m³/min

做一个不可或缺的人
To be someone who is indispensable.

HSD12A 潜 孔 冲 击 器
HSD12A DTH HAMMER

无 尼 龙 管 高 风 压 冲 击 器 系 列
High Air Pressure without foot vlave DTH Hammers



Item Description（零部件名称）		Weight（重量）Kg	Part Number（零部件代号）
1、接　　头	Top Sub	70.00	HSD12A01
2、接头O形圈	"O" Ring of Top Sub	0.04	HSD12A02
3、接头垫片	Breakout Ring	0.80	HSD12A03
4、逆　止　阀	Check Valve	2.00	HSD12A04
5、弹　　簧	Spring	0.10	HSD12A05
6、配　气　座	Air Distributor	16.00	HSD12A06
7、内　　缸	Internal Cylinder	25.00	HSD12A07
8、活　　塞	Piston	113.00	HSD12A08
9、外　　缸	External Cylinder	175.00	HSD12A09
10、衬　　套	Guided Sleeve	25.00	HSD12A10
11、卡环O型圈	"O" Ring of Stop Ring	0.01	HSD12A11
12、卡　　环	Stop Ring	4.50	HSD12A12
13、卡钎套垫片	Breakout Ring	0.80	HSD12A13
14、卡　钎　套	Drive Chuck	48.00	HSD12A14
15、钻　　头	Drill Bit	165.00	HSD12A15

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

技 术 参 数
Technical Data

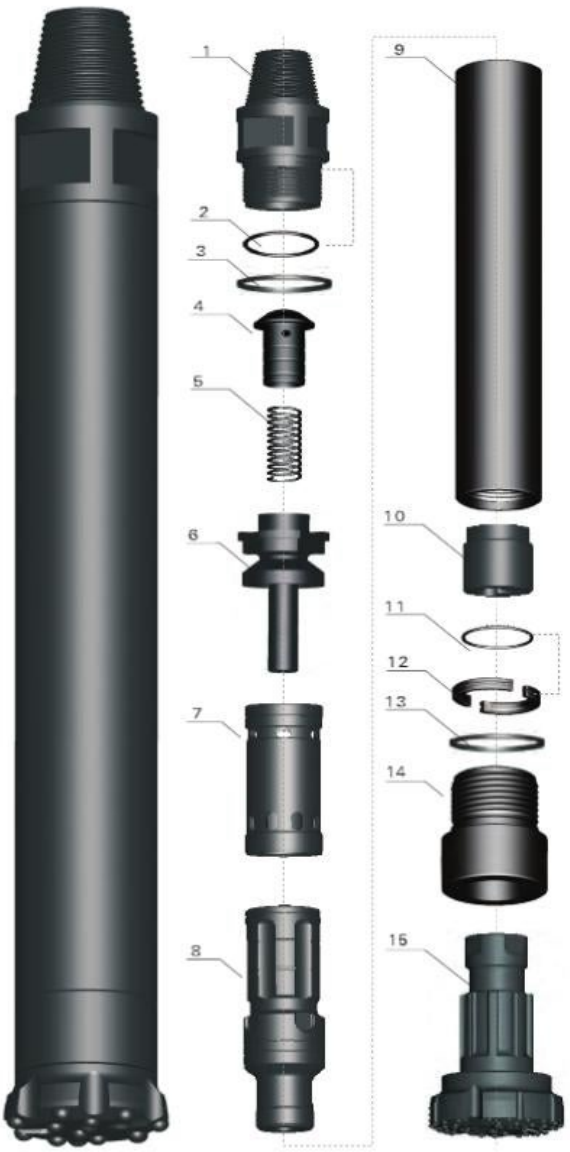
总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread
1860mm	480.00Kg	Φ275mm	SD12	Φ305—Φ445	API 6⅝"Reg

可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed	耗风量 Air consumption		
			1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	20HZ	15–25r/min	28m³/min	50m³/min	71m³/min

每次只决定一件事。
Jump, and get an apple.

HN120A 潜 孔 冲 击 器
HN120A DTH HAMMER

无 尼 龙 管 高 风 压 冲 击 器 系 列
High Air Pressure without foot vlave DTH Hammers



Item Description（零部件名称）		Weight（重量）Kg	Part Number（零部件代号）
1、接　　头	Top Sub	70.00	HN120A01
2、接头O形圈	"O" Ring of Top Sub	0.04	HN120A02
3、接 头 垫 片	Breakout Ring	0.80	HN120A03
4、逆　止　阀	Check Valve	2.00	HN120A04
5、弹　　簧	Spring	0.10	HN120A05
6、配　气　座	Air Distributor	16.00	HN120A06
7、内　　缸	Internal Cylinder	25.00	HN120A07
8、活　　塞	Piston	113.00	HN120A08
9、外　　缸	External Cylinder	170.00	HN120A09
10、衬　　套	Guided Sleeve	25.00	HN120A10
11、卡环O型圈	"O" Ring of Stop Ring	0.01	HN120A11
12、卡　　环	Stop Ring	4.50	HN120A12
13、卡钎套垫片	Breakout Ring	0.80	HN120A13
14、卡　钎　套	Drive Chuck	48.00	HN120A14
15、钻　　头	Drill Bit	164.00	HN120A15

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

技 术 参 数
Technical Data

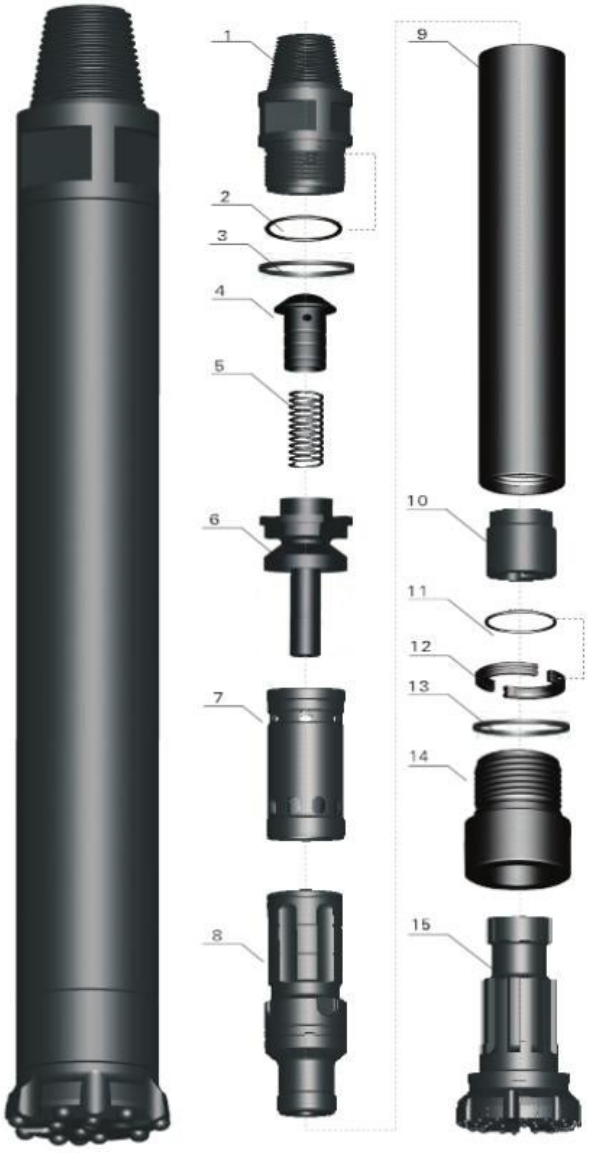
总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread
1880mm	475.00Kg	Φ275mm	NUMA120	Φ305—Φ445	API 6⅝"Reg

可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed	耗风量 Air consumption		
			1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	20HZ	15-25r/min	28m³/min	50m³/min	71m³/min

技术体现我们的智慧，质量体现我们的价值。
Technology embodies our wisdom, and quality represents our merits.

HN125A 潜 孔 冲 击 器
HN125A DTH HAMMER

无 尼 龙 管 高 风 压 冲 击 器 系 列
High Air Pressure without foot vlave DTH Hammers



Item Description (零部件名称)	Weight (重量) Kg	Part Number (零部件代号)
1、接　头　Top Sub	70.00	HN125A01
2、接头O形圈　"O" Ring of Top Sub	0.04	HN125A02
3、接头垫片　Breakout Ring	0.80	HN125A03
4、逆 止 阀　Check Valve	2.00	HN125A04
5、弹　簧　Spring	0.10	HN125A05
6、配 气 座　Air Distributor	16.00	HN125A06
7、内　缸　Internal Cylinder	25.00	HN125A07
8、活　塞　Piston	113.00	HN125A08
9、外　缸　External Cylinder	170.00	HN125A09
10、衬　套　Guided Sleeve	23.00	HN125A10
11、卡环O型圈　"O" Ring of Stop Ring	0.01	HN125A11
12、卡　环　Stop Ring	4.00	HN125A12
13、卡钎套垫片　Breakout Ring	0.80	HN125A13
14、卡 钎 套　Drive Chuck	45.00	HN125A14
15、钻　头　Drill Bit	175.00	HN125A15

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

技 术 参 数
Technical Data

总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread
1880mm	470.00Kg	Φ275mm	NUMA125	Φ305—Φ445	API 6⅝"Reg

可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed	耗风量 Air consumption		
			1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	20HZ	15–25r/min	28m³/min	50m³/min	71m³/min

上帝第一，别人第二，你永远只是第三。
The god shall always be put in the first, others the second and you, shall ever be the third.

水井、建筑桩和油气钻井用大孔径潜孔冲击器的特点
The Characteristics Of Big Size DTH Hammer Using In Water Wells, Oil, Gas and Construction Drilling

这种类型的大孔径潜孔冲击器是我公司针对水井、建筑桩和油气钻井的特点，自行设计开发和制造的高风压潜孔冲击器。

这种冲击器具有如下特点：

1. 采用最新凿岩理论，优化内部结构和配气尺寸，使冲击器获得最理想的能源传递，因此，钻进速度快，耗风量低。
2. 针对此类工程钻头断裂打捞十分困难的情况，专门设计了安全可靠的钻头防脱落装置。
3. 使用中如需加强排渣，可更换不同尺寸调气孔的逆止阀达到目的。
4. 接头和卡钎套采用特殊牙型的螺纹可使拆卸容易。

Based on the characteristics of the wells, oil, gas and construction drilling, our company self-designed, developed and manufactured this kind of high air pressure DTH hammer.

It has the following characteristics:

1. Using the latest rock drilling theory, optimizing the inside structure and the size of the air distribution, to make the DTH Hammer obtain the optimal energy transfer and make it achieve faster drilling speed and lower air consumption.
2. For such projects as the drill bit break, retrieving very difficult, we specially designed a safe and reliable anti-shedding device for the bit.
3. The check valve can be replaced to the one with bigger ail controlling hole to provide more efficient cuttings discharge.
4. The top sub and the drive chuck have special thread, which can achieve an easier disassemble.

ALTA CALIDAD,MUY BUENO RENDIMIENTO

HD142A 潜 孔 冲 击 器
HD142A DTH HAMMER

大 孔 径 冲 击 器 系 列
Big Hole DTH Hammers



Item Description（零部件名称）		Weight（重量）Kg	Part Number（零部件代号）
1、接　头	Top Sub	20.00	HD142A01
2、接头O形圈	"O" Ring of Top Sub	0.02	HD142A02
3、逆 止 阀	Check Valve	0.70	HD142A03
4、弹　簧	Spring	0.10	HD142A04
5、配 气 座	Air Distributor	3.50	HD142A05
6、内　缸	Internal Cylinder	4.20	HD142A06
7、活　塞	Piston	23.00	HD142A07
8、外　缸	External Cylinder	31.50	HD142A08
9、衬　套	Guided Sleeve	6.50	HD142A09
10、卡环O形圈	"O" Ring of Stop Ring	0.01	HD142A10
11、卡　环	Stop Ring	0.60	HD142A11
12、垫　片	Breakout Ring	0.20	HD142A12
13、卡 钎 套	Drive Chuck	5.00	HD142A13
14、防 脱 套	Retainer	3.50	HD142A14
15、钻　头	Drill Bit	27.00	HD142A15

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

技 术 参 数
Technical Data

总长（含钻头）Length(With bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread
1388mm	102.00Kg	Φ142mm	DHD360	Φ155—Φ195	API 3½Reg

可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed	耗风量 Air consumption		
			1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	25HZ	20–30r/min	9m³/min	18m³/min	26m³/min

少说话，多观察，装糊涂，吃小亏。
Speaking less but seeing more, feigning ignorance and accepting a little loss.

HD180A潜孔冲击器
HD180A DTH HAMMER

大孔径冲击器系列
Big Hole DTH Hammers



Item Description（零部件名称）			weight（重量）Kg	Part Number（零部件代号）
1、接	头	Top Sub	34.00	HD180A01
2、接头O形圈		"O" Ring of Top Sub	0.015	HD180A02
3、垫	片	Breakout Ring	0.60	HD180A03
4、逆 止	阀	Check Valve	1.20	HD180A04
5、弹	簧	Spring	0.10	HD180A05
6、配 气	座	Air Distributor	6.00	HD180A06
7、内	缸	Internal Cylinder	6.50	HD180A07
8、活	塞	Piston	42.50	HD180A08
9、外	缸	External Cylinder	60.00	HD180A09
10、衬	套	Guided Sleeve	6.30	HD180A10
11、卡环O形圈		"O" Ring of Stop Ring	0.01	HD180A11
12、卡	环	Stop Ring	1.40	HD180A12
13、垫	片	Breakout Ring	0.60	HD180A13
14、卡 钎	套	Drive Chuck	12.00	HD180A14
15、防 脱	套	Retainer	6.50	HD180A15
16、钻	头	Drill Bit	37.00	HD180A16

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

技 术 参 数
Technical Data

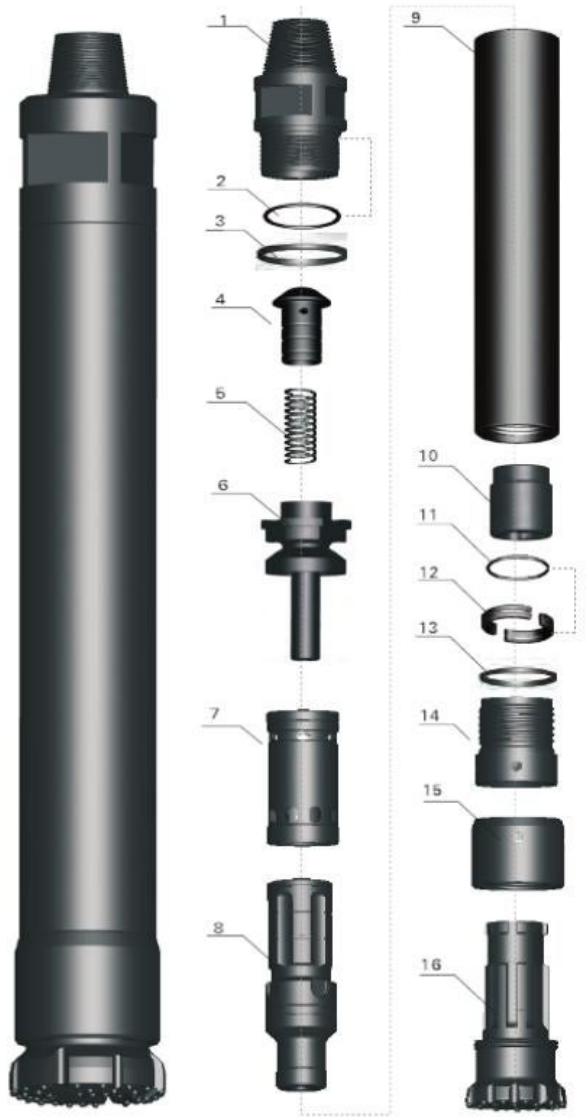
总长（含钻头）Length(With bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread
1520mm	178.00Kg	Φ180mm	QL80	Φ195—Φ254	API 4½"Reg

可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed	耗风量 Air consumption		
			1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	20HZ	20-30r/min	12m³/min	22m³/min	28m³/min

您的意见对我们至关重要。
Your opinion is very important to us.

HD225A 潜 孔 冲 击 器
HD225A DTH HAMMER

大 孔 径 冲 击 器 系 列
Big Hole DTH Hammers



Item Description（零部件名称）	Weight（重量）Kg	Part Number（零部件代号）
1、接　头 Top Sub	59.00	HD225A01
2、接头O形圈 "O" Ring of Top Sub	0.03	HD225A02
3、垫　片 Breakout Ring	0.80	HD225A03
4、逆 止 阀 Check Valve	1.40	HD225A04
5、弹　簧 Spring	0.30	HD225A05
6、配 气 座 Air Distributor	10.50	HD225A06
7、内　缸 Internal Cylinder	12.50	HD225A07
8、活　塞 Piston	77.00	HD225A08
9、外　缸 External Cylinder	110.00	HD225A09
10、衬　套 Guided Sleeve	4.50	HD225A10
11、卡环O形圈 "O" Ring of Stop Ring	0.02	HD225A11
12、卡　环 Stop Ring	1.90	HD225A12
13、垫　片 Breakout Ring	0.80	HD225A13
14、卡 钎 套 Drive Chuck	21.00	HD225A14
15、防 脱 套 Retainer	9.00	HD225A15
16、钻　头 Drill Bit	68.00	HD225A16

如客户需要，接头可采用两个方口，并在接头上装耐磨合金。需要加强排渣，可在逆止阀上钻调气孔。

According to your request, the top sub can be made into two spanners, and put protection buttons. An air controlling hole can be drilled on the check valve to provide more efficient cuttings discharge.

技 术 参 数
Technical Data

总长（含钻头）Length(With bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread
1745mm	315.00Kg	Φ225mm	Numa100	Φ254—Φ311	API 4½"Reg API 6⅝"Reg

可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed	耗风量 Air consumption		
			1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	20HZ	15–25r/min	22m³/min	40m³/min	65m³/min

为满足您的需求，我们将全力以赴。
We'll do our utmost to meet your requirements.

HD275A 潜 孔 冲 击 器
HD275A DTH HAMMER

大 孔 径 冲 击 器 系 列
Big Hole DTH Hammers



Item Description（零部件名称）	Weight（重量）Kg	Part Number（零部件代号）
1、接　头　Top Sub	230.00	HD275A01
2、接头O形圈　"O" Ring of Top Sub	0.04	HD275A02
3、垫　片　Breakout Ring	1.00	HD275A03
4、逆 止 阀　Check Valve	2.00	HD275A04
5、弹　簧　Spring	0.50	HD275A05
6、配 气 座　Air Distributor	16.00	HD275A06
7、内　缸　Internal Cylinder	25.00	HD275A07
8、活　塞　Piston	113.00	HD275A08
9、外　缸　External Cylinder	170.00	HD275A09
10、衬　套　Guided Sleeve	23.00	HD275A10
11、卡环O形圈　"O" Ring of Stop Ring	0.03	HD275A11
12、卡　环　Stop Ring	4.00	HD275A12
13、垫　片　Breakout Ring	1.00	HD275A13
14、卡 钎 套　Drive Chuck	34.00	HD275A14
15、防 脱 套　Retainer	30.00	HD275A15
16、钻　头　Drill Bit	185.00	HD275A16

可根据工地使用情况，选用不同直径气孔的逆止阀，以保证排渣效果。

According to the different drilling situation, you can choose check valves of different size air exhaust holes to assure the effective cuttings discharge.

技 术 参 数
Technical Data

总长（含钻头）Length(With bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread
2626mm	650.00Kg	Φ275mm	Numa125	Φ305—Φ445	API 6⅝"Reg API 7⅝"Reg

可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed	耗风量 Air consumption		
			1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	20HZ	15-25r/min	28m³/min	50m³/min	71m³/min

最终用户的需求是所有研发工作的起点。
Demand of end-users is the origin of all researches and developments.

HD330A 潜 孔 冲 击 器
HD330A DTH HAMMER

大 孔 径 冲 击 器 系 列
Big Hole DTH Hammers



Item Description (零部件名称)	Weight (重量) Kg	Part Number (零部件代号)
1、接　头 Top Sub	320.00	HD330A01
2、接头O形圈 "O" Ring of Top Sub	0.10	HD330A02
3、垫　片 Breakout Ring	2.00	HD330A03
4、逆 止 阀 Check Valve	5.00	HD330A04
5、弹　簧 Spring	0.80	HD330A05
6、配 气 座 Air Distributor	35.00	HD330A06
7、内　缸 Internal Cylinder	30.00	HD330A07
8、活　塞 Piston	190.00	HD330A08
9、外　缸 External Cylinder	316.00	HD330A09
10、衬　套 Guided Sleeve	38.00	HD330A10
11、卡环O形圈 "O" Ring of Stop Ring	0.05	HD330A11
12、卡　环 Stop Ring	6.00	HD330A12
13、垫　片 Breakout Ring	2.00	HD330A13
14、卡 钎 套 Drive Chuck	64.00	HD330A14
15、防 脱 套 Retainer	42.00	HD330A15
16、钻　头 Drill Bit	240.00	HD330A16

可根据工地使用情况，选用不同直径气孔的逆止阀，以保证排渣效果。

According to the different drilling situation, you can choose check valves of different size air exhaust holes to assure the effective cuttings discharge.

技 术 参 数
Technical Data

总长（含钻头） Length(With bit)	总重（不含钻头） Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread
3870mm	1050.00Kg	Φ330mm	HD330	Φ350—Φ660	API 7⅝"Reg

可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed	耗风量 Air consumption		
			1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	20HZ	15-25r/min	32m³/min	58m³/min	85m³/min

优质产品源于精心设计，先进技术源于科技创新。
High quality product derives from meticulous design; advanced technique from scientific and technical innovation.

HD475A 潜 孔 冲 击 器
HD475A DTH HAMMER

大 孔 径 冲 击 器 系 列
Big Hole DTH Hammers



Item Description（零部件名称）	weight（重量）Kg	Part Number（零部件代号）
1、接　头　Top Sub	800.0	HD475A01
2、接头O形圈　"O" Ring of Top Sub	0.02	HD475A02
3、垫　片　Breakout Ring	3.55	HD475A03
4、逆 止 阀　Check Valve	13.5	HD475A04
5、弹　簧　Spring	0.35	HD475A05
6、配 气 座　Air Distributor	58.9	HD475A06
7、内　缸　Internal Cylinder	101.6	HD475A07
8、活　塞　Piston	517.0	HD475A08
9、外　缸　External Cylinder	952.0	HD475A09
10、衬　套　Guided Sleeve	98.0	HD475A10
11、卡环O形圈　"O" Ring of Stop Ring	0.02	HD475A11
12、卡　环　Stop Ring	14.25	HD475A12
13、垫　片　Breakout Ring	3.55	HD475A13
14、卡 钎 套　Drive Chuck	162.0	HD475A14
15、防 脱 套　Retainer	50.0	HD475A15
16、钻　头　Drill Bit	528.0	HD475A16

可根据工地使用情况，选用不同直径气孔的逆止阀，以保证排渣效果。

According to the different drilling situation, you can choose check valves of different size air exhaust holes to assure the effective cuttings discharge.

技 术 参 数
Technical Data

总长（含钻头）Length(With bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread
4080mm	2775.0Kg	Φ475mm	HD475	Φ508—Φ760	API 8⅝"Reg

可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed	耗风量 Air consumption		
			1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	20HZ	15–25r/min	56m³/min	75m³/min	85m³/min

良好的性能和可靠性是产品的关键。
Good performance and reliability are keys for products.

HD525A 潜孔冲击器
HD525A DTH HAMMER

大孔径冲击器系列
Big Hole DTH Hammers



Item Description（零部件名称）	Weight（重量）Kg	Part Number（零部件代号）
1、接　头 Top Sub	960.0	HD525A01
2、接头O形圈 "O" Ring of Top Sub	0.03	HD525A02
3、垫　片 Breakout Ring	5.00	HD525A03
4、逆止阀 Check Valve	18.00	HD525A04
5、弹　簧 Spring	0.45	HD525A05
6、配气座 Air Distributor	79.5	HD525A06
7、内　缸 Internal Cylinder	137.0	HD525A07
8、活　塞 Piston	698.0	HD525A08
9、外　缸 External Cylinder	1285.0	HD525A09
10、衬　套 Guided Sleeve	132.0	HD525A10
11、卡环O形圈 "O" Ring of Stop Ring	0.02	HD525A11
12、卡　环 Stop Ring	19.5	HD525A12
13、垫　片 Breakout Ring	5.00	HD525A13
14、卡钎套 Drive Chuck	219.0	HD525A14
15、防脱套 Retainer	67.5	HD525A15
16、钻　头 Drill Bit	1328.0	HD525A16

可根据工地使用情况，选用不同直径气孔的逆止阀，以保证排渣效果。

According to the different drilling situation, you can choose check valves of different size air exhaust holes to assure the effective cuttings discharge.

技术参数
Technical Data

总长（含钻头）Length(With bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread
4260mm	3626.0Kg	Φ525mm	HD525	Φ610—Φ800	API 8⅝"Reg

可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed	耗风量 Air consumption		
			1.0Mpa	1.8Mpa	2.4Mpa
1.0—2.5Mpa	20HZ	15–25r/min	50m³/min	80m³/min	99m³/min

不善待细节，等于放走了魔鬼。
Treating details not well equals to setting a devil free.

HRC反循环系列潜孔冲击器的特点
The Characteristics Of HRC Hammers

HRC系列反循环冲击器是我公司最新研制的反循环冲击器，主要用于深孔勘探钻进和采场矿石品位控制。

主要具有以下优点：

1. 根据以往普通冲击器的经验，结合反循环冲击器的使用特点，最优化内部结构，使能量传递理想，从而保证该系列冲击器钻速快，能平稳连续取样。
2. 内部结构非常简单，部件刚性好，从而保证冲击器寿命长，维护简单方便。
3. 采集管采用一体式，无需拆卸冲击器即可更换。采集管经过渗碳处理，因此耐磨性好。
4. 配用钻头采用专利设计，只需更换钻头，同一冲击器即可钻不同尺寸的孔，并且能保证样本不受污染。
5. 在松散土质、硬岩和有大量水等各种困难的条件下，都能很好地完成取样工作。

HRC series reverse circulation DTH Hammer is the latest developed product of our company. It is mainly used for deep exploration drilling and stope ore grade control.

It has the following characteristics:

1. Based on previous experience of ordinary hammers, combined with the features of reverse circulation hammer, optimized internal structure and ideal energy transfer, thus ensuring the series of hammers drilling with fast, smooth and continuous sampling.
2. The internal structure is very simple with components of high rigidity, thus ensuring long life and easy maintenance of the hammer.
3. The collection tube adopts an integrative design and can be replaced without disassembling the hammer. With carburizing treatment, it has good abrasive resistance.
4. Equipped with bits designed with patent. Simply by replacing the drill bit, the same hammer can drill holes of different sizes ensuring that the sample is not contaminated.
5. In difficult conditions such as loose soil, hard rock and plenty of water exists, sampling can be done well.

ALTA CALIDAD,MUY BUENO RENDIMIENTO

精确设计，精益制造，精细管理，精心服务。
Accurate design, lean manufacturing; refined management, careful service.

反循环钻进和反循环冲击器介绍
Introduction of R.C. Drilling and R.C. DTH Hammers

一、什么叫反循环钻进：

反循环钻进也叫中心样品采集或双壁管钻进。这种钻进通常采用双壁钻管。钻进动力为高风压气体，高压气通过外管与内管之间的空隙进入冲击器，使冲击器打击钻头破碎岩层，破碎的岩石汇集到钻头面上气孔中，再经过样品采集管和钻杆内管收集岩石样品。

二、反循环冲击器的优点：

1）无污染。反循环冲击器能在碎岩瞬间，迅速地在钻头面上提取样品。样品不需要通过冲击器长度，从而避免了样品污染和损失。

2）高生产率。在破碎和断裂岩层中，反循环冲击器在穿透速度方面比普通冲击器要强。

3）干燥的样品。甚至在有水的环境下，都能采集到干燥的样品，因为，岩屑在钻头面上刚产生就被采集了。

4）样品回收率高。因为是从钻头面上采集样品，所以在破碎和断裂岩层上能避免样本的损失。因为钻头直径和耐磨套的外径几乎相等，所以样品的采集收回率可以达到98%。

Ⅰ.Introduction of R.C. Drilling

R.C. drilling, referred to as "Centre Sample Recovery" or "Dual Wall Drilling", employs a Dual Wall Pipe where the drilling medium, normally high pressure air, is passed between the outer and inner tubes down to the face of the drilling bit where it is returned up the centre tube along with the sample cut by the drill bit.

Ⅱ. The use and the advantages of the R.C. DTH Hammer:

1) No Contamination

The R.C. System collects sample through the recovery holes in the face of the drill bit immediately as the cuttings or sample is formed. The drilled sample does not have to travel the length of the hammer where contamination and loss of sample takes place.

2) Higher Production

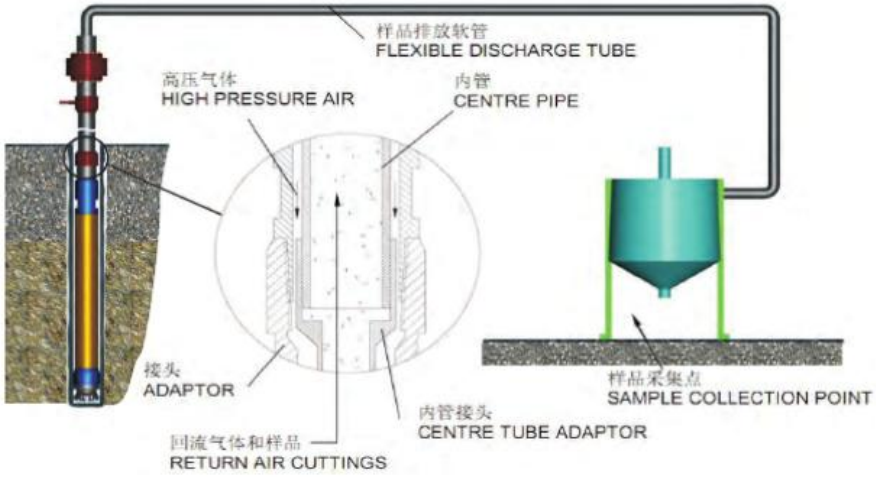
In broken and fractured ground conditions, the R.C. will often out perform the conventional hammer in terms of penetration rates.

3) Dry Sample

Even in certain water bearing stratas it is still possible to collect a dry sample because the cuttings (sample) are collected as they are formed through the face of the drill bit.

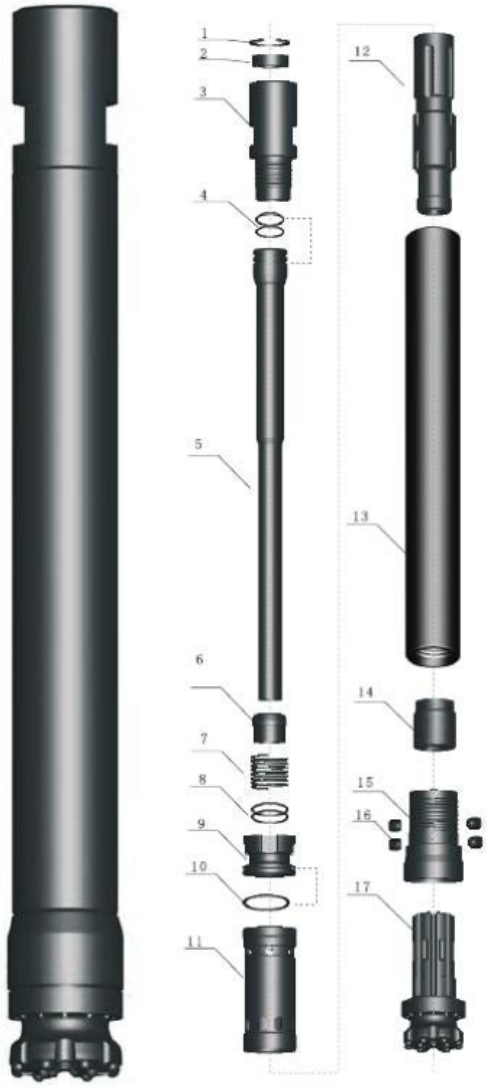
4) Higher Sample Recovery

Because the sample is collected through the face of the drill bit there is no loss of sample when drilling through broken or fractured ground. And since the bit matched to the chuck size, there is very little bypass of sample and recovery rates of up to 98% are generally achievable.



感谢羞辱过你的人。
Be thankful to the one who have disgraced you.

HRC45 反循环 冲 击 器
HRC45 RC HAMMER



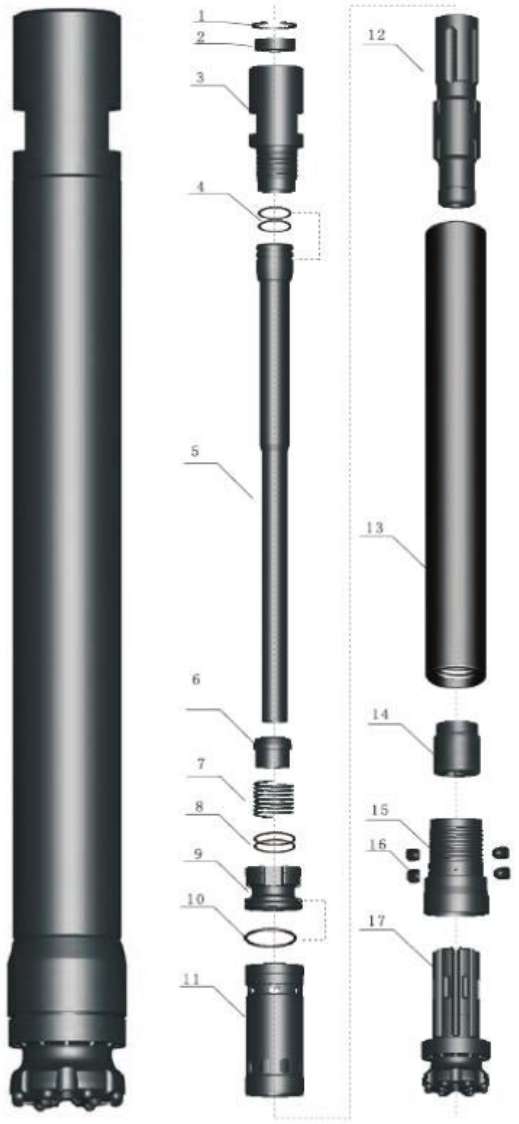
Item Description (零部件名称)		Weight (重量) Kg	Part Number (零部件代号)
1、卡　簧	Internal Circlip	0.03	HRC4501
2、通气筛	Air Screen	0.35	HRC4502
3、接　头	Top Sub	6.50	HRC4503
4、O-形圈	"O" Ring	0.01	HRC4504
5、采集管	Sample Tube	5.10	HRC4505
6、逆止阀	Check Valve	0.25	HRC4506
7、弹　簧	Spring	0.04	HRC4507
8、O-形圈	"O" Ring	0.01	HRC4508
9、配气座	Air Distributor	0.85	HRC4509
10、O-形圈	"O" Ring	0.02	HRC4510
11、内　缸	Internal Cylinder	2.20	HRC4511
12、活　塞	Piston	8.50	HRC4512
13、外　缸	External Cylinder	14.50	HRC4513
14、衬　套	Guided Sleeve	1.20	HRC4514
15、卡钎套	Drive Chuck	3.20	HRC4515
16、挡　珠	Bit Retaining Pin	0.01	HRC4516
17、钻　头	Drill Bit	10.50	HRC4517

技 术 参 数
Technical Data

总长（不含钻头） Length(Less bit)	总重（不含钻头） Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread	
1020mm	94.0Kg	Φ99mm	HRC45	Φ114—Φ127	根据客户钻管螺纹确定 Upon the thread of the drill tube.	
可用工作风压 Working Pressure	在1.7Mpa时的冲击频率 Impact rate at 1.7Mpa	推荐转速 Recommended rotation speed		耗风量 Air consumption		
				1.0Mpa	1.8Mpa	2.4Mpa
1.0—3.0Mpa	30HZ	25-40r/min		8m³/min	12m³/min	16m³/min

先处理心情，再处理事情。
Be in a good mood, and then handle the things.

HRC55 反循环冲击器
HRC55 R.C. HAMMER



Item Description（零部件名称）		Weight（重量）Kg	Part Number（零部件代号）
1、卡　簧	Internal Circlip	0.04	HRC5501
2、通气筛	Air Screen	0.44	HRC5502
3、接　头	Top Sub	9.65	HRC5503
4、O-形圈	"O" Ring	0.02	HRC5504
5、采集管	Sample Tube	6.72	HRC5505
6、逆止阀	Check Valve	0.68	HRC5506
7、弹　簧	Spring	0.12	HRC5507
8、O-形圈	"O" Ring	0.02	HRC5508
9、配气座	Air Distributor	1.48	HRC5509
10、O-形圈	"O" Ring	0.01	HRC5510
11、内　缸	Internal Cylinder	4.12	HRC5511
12、活　塞	Piston	16.9	HRC5512
13、外　缸	External Cylinder	19.5	HRC5513
14、衬　套	Guided Sleeve	0.90	HRC5514
15、卡钎套	Drive Chuck	5.65	HRC5515
16、挡　珠	Bit Retaining Pin	0.15	HRC5516
17、钻　头	Drill Bit	15.80	HRC5517

技术参数
Technical Data

总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread
1111mm	66.5Kg	Φ126mm	HRC55	Φ133—Φ152	根据客户钻管螺纹确定 Upon the thread of the drill tube.

可用工作风压 Working Pressure	在2.4Mpa时的冲击频率 Impact rate at 2.4Mpa	推荐转速 Recommended rotation speed	耗风量 Air consumption		
			1.7Mpa	2.4Mpa	3.0Mpa
1.5—3.5Mpa	35HZ	25-40r/min	16m³/min	22m³/min	28m³/min

百忍千锻事遂成。
Tolerance and exercise makes success.

HRC65 反循环冲击器
HRC65 RC HAMMER



Item Description（零部件名称）		Weight（重量）Kg	Part Number（零部件代号）
1、卡　簧	Internal Circlip	0.05	HRC6501
2、通气筛	Air Screen	0.65	HRC6502
3、接　头	Top Sub	20.00	HRC6503
4、O-形圈	"O" Ring	0.02	HRC6504
5、采集管	Sample Tube	12.50	HRC6505
6、逆止阀	Check Valve	0.85	HRC6506
7、弹　簧	Spring	0.10	HRC6507
8、O-形圈	"O" Ring	0.02	HRC6508
9、配气座	Air Distributor	3.50	HRC6509
10、O-形圈	"O" Ring	0.02	HRC6510
11、内　缸	Internal Cylinder	4.20	HRC6511
12、活　塞	Piston	24.00	HRC6512
13、外　缸	External Cylinder	32.00	HRC6513
14、衬　套	Guided Sleeve	5.50	HRC6514
15、卡钎套	Drive Chuck	6.50	HRC6515
16、挡　珠	Bit Retaining Pin	0.30	HRC6516
17、钻　头	Drill Bit	31.00	HRC6517

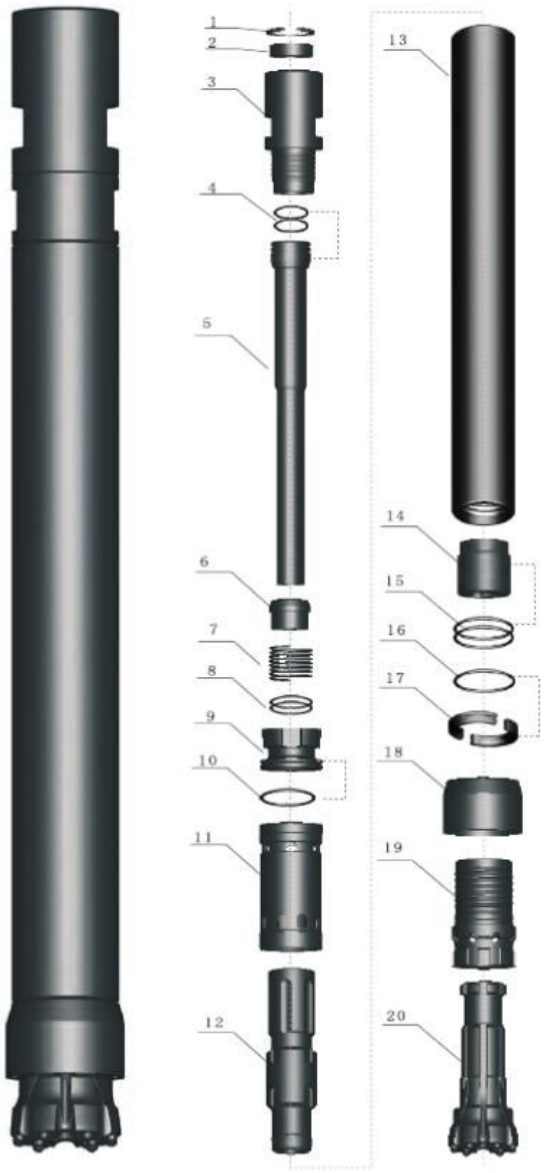
技术参数
Technical Data

总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread
1250mm	110.0Kg	Φ146mm	HRC65	Φ155—Φ190	根据客户钻管螺纹确定 Upon the thread of the drill tube.

可用工作风压 Working Pressure	在2.4Mpa时的冲击频率 Impact rate at 2.4Mpa	推荐转速 Recommended rotation speed	耗风量 Air consumption		
			1.7Mpa	2.0Mpa	3.0Mpa
1.5—3.5Mpa	28HZ	25-40r/min	20m³/min	262m³/min	35m³/min

事到危难宜放胆，顺风顺水要小心。
Act boldly when you get into difficulty, while look out when you go smoothly.

HRC52 反循环冲击器
HRC52 RC HAMMER



Item Description（零部件名称）		Weight（重量）Kg	Part Number（零部件代号）
1、卡　簧	Internal Circlip	0.04	HPR5201
2、通气筛	Air Screen	0.44	HPR5202
3、接　头	Top Sub	9.65	HPR5203
4、O-形圈	"O" Ring	0.02	HPR5204
5、采集管	Sample Tube	6.75	HPR5205
6、逆止阀	Check Valve	0.68	HPR5206
7、弹　簧	Spring	0.12	HPR5207
8、O-形圈	"O" Ring	0.02	HPR5208
9、配气座	Air Distributor	1.48	HPR5209
10、O-形圈	"O" Ring	0.01	HRC6510
11、内　缸	Internal Cylinder	4.12	HPR5211
12、活　塞	Piston	16.9	HPR5212
13、外　缸	External Cylinder	21.50	HPR5213
14、衬　套	Guided Sleeve	1.90	HPR5214
15、O-形圈	"O" Ring	0.02	HPR5215
16、O-形圈	"O" Ring	0.01	HPR5216
17、卡　环	Stop Ring	0.32	HPR5217
18、耐磨套	Shrout	1.86	HPR5218
19、卡钎套	Drive Chuck	4.17	HPR5219
20、钻　头	Drill Bit	11.05	HPR5220

技术参数
Technical Data

总长（不含钻头）Length(Less bit)	总重（不含钻头）Weight(Less bit)	冲击器外径 External diameter	可配钻头钎柄 Bit Shank	钻孔范围 Hole Range	后接头螺纹 Connection Thread
1208mm	70.0Kg	Φ126mm	PR52	Φ133—Φ146	根据客户钻管螺纹确定 Upon the thread of the drill tube.

可用工作风压 Working Pressure	在2.4Mpa时的冲击频率 Impact rate at 2.4Mpa	推荐转速 Recommended rotation speed	耗风量 Air consumption		
			1.7Mpa	2.4Mpa	3.0Mpa
1.5—3.5Mpa	35HZ	25-40r/min	16m³/min	22m³/min	28m³/min

做事须循天理，出言要顺人心.
Handling things should comply with discipline, and utterance should conform to popular feeling.