

PRODUCT CATALOG

产品手册

Fasikon



企业介绍

濮阳芳尚康新材料有限公司成立于 2013 年。经过十多年的经营与发展，我们积累了多年的技术经验。使得我们公司产品的质量与技术含量不断提高，对产品的不断创新，以至于在全国众多钎具制造商品当中名列前茅。甚至有些系列的产品在这个行业属于数一数二的领先水平，如：楔形齿螺纹连接钻头。

主要产品有钻凿 $\Phi 40\text{mm}$ - $\Phi 300\text{mm}$ 孔径的高、中、底压各类生产规格冲击器及配套钻头、深孔超深孔大口径钻具、凿岩机用钎具等配套

产品。产品能与瑞典 Atlas Copco、Sandvik、美国 Ingersoll-Rand。及世界其他主要品牌制造商的产品相配套。我们公司产品广泛用于土石方工程、矿山开采、水井工程和桥梁、建筑基础等工程施工。

公司拥有 10000 多平方米的现代化厂房，各类数控机床、精密磨床和各类质量检测设备。极大地提高了产品的精度和稳定性。同时我公司拥有多名高级技术人员，这些有效地保障了我公司产品的可靠性。

INTRODUCTION

PuYang Fasikon New Materials Co., Ltd. established in 2013. With more than 10 years of operation and development of this company, this company has got many technical experiences. These improve the quality and the technical content of our product and innovate our product constantly. This is the reason why our product are outstanding among all drilling tools manufacturers in China. Even some series of our products are top product in this industry. Such as: Threaded Button Bits with Conical wedge Button.

Our product mainly include high, middle and low air pressure DTH (Down The Hole) hammers and bits from 1.5"—12" (40mm ~ 300mm) in diameters. Our products can perfectly match

with the products of the world famous brand such as: Atlas Copco, Sandvik, Ingersoll-Rand and other well-know manufactures. They are widely applied to varies of areas including blast holes, earthwork projects, mineral exploration, water well, construction, bridge, geothermal exploration, etc.

Our company has more than 10000 m² modern workshop, many kinds of CNC machines, precision grinding machines, many kinds of heat treatment equipment and quality testing equipments. These increased the accuracy of the products and stability of the quality. At the same time, we have many senior technicians of this industry, they ensure the reliability of our products.

潜孔冲击器代号 Codes for DTH Hammers

HP - HDH 360 - 3½" REG

高压潜孔冲击器:
High air pressure DTH Hammer

1. HDH: 适用于中硬岩层
Medium to Hard rock
2. P: 适用于中软岩层
Soft to Medium rock

中低压潜孔冲击器: LP
Medium-Low air pressure DTH
Hammer: LP

1. 标配: API 外螺纹
High air pressure DTH Hammer

2. 选配: API 外螺纹
Non-standard match thread:API

冲击器类型/钻头尾柄代号
Hammer Type/Codes for Bit Shanks

1.有尾管系列 With Foot Valve Series

HDH 系列	DHD Series
HDH 2.5	CWG76
HDH 3.5	DHD3.5
HDH 340	DHD340A、COP44
HDH 350	DHD350R、COP54
HDH 360	DHD360、COP64
HDH 380	DHD380

2.无尾管系列 Without Foot Valve Series

P系列	DHD Series
P3.5	DHD3.5
P340	DHD340A、COP44
P350	DHD350R、COP54
P360	DHD360、COP64
P380	DHD380
M系列	Mission Series
M30	Mission30
M40	Mission40
M50	Mission50/55
M60	Mission60/65
M80	Mission80/85



潜孔钻头代号 Codes for DTH Bits

P350 - F 8 - 138 A

钻头尾柄代号
Codes for Bit Shanks

1.有尾管系列 With Foot Valve Series

HDH 系列	DHD Series
2.5	CWG76
3.5	DHD3.5
340	DHD340A、COP44
350	DHD350R、COP54
360	DHD360、COP64
380	DHD380

QL系列	QL Series
QL 4	QL40
QL 5	QL50
QL 6	QL60
QL 8	QL80

其他系列	Other Series
TD 4	TD40
BR系列	BR series
SD系列	SD series
Numa系列	Numa series

2.无尾管系列 Without Foot Valve Series

P系列	DHD Series
P3.5	DHD3.5
P340	DHD340A、COP44
P350	DHD350R、COP54
P360	DHD360、COP64
P380	DHD380

M系列	Mission Series
M30	Mission30
M40	Mission40
M50	Mission50/55
M60	Mission60/65
M80	Mission80/85

CC系列	CIR Series
CC65	CIR65
CC90	CIR90
CC90K	CIR90K
CC110	CIR110

合金齿形状
Button configuration

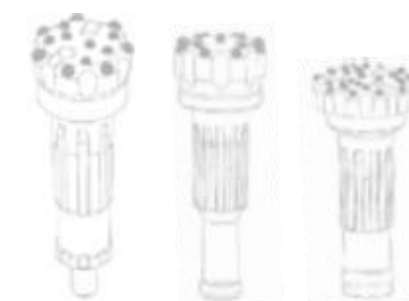
- A. 球齿——Spherical
- B. 抛物线齿——Ballistic
- C. 弹齿——Semi-ballistic
- D. 楔形齿——Conical

钻头直径
Bits Diameter

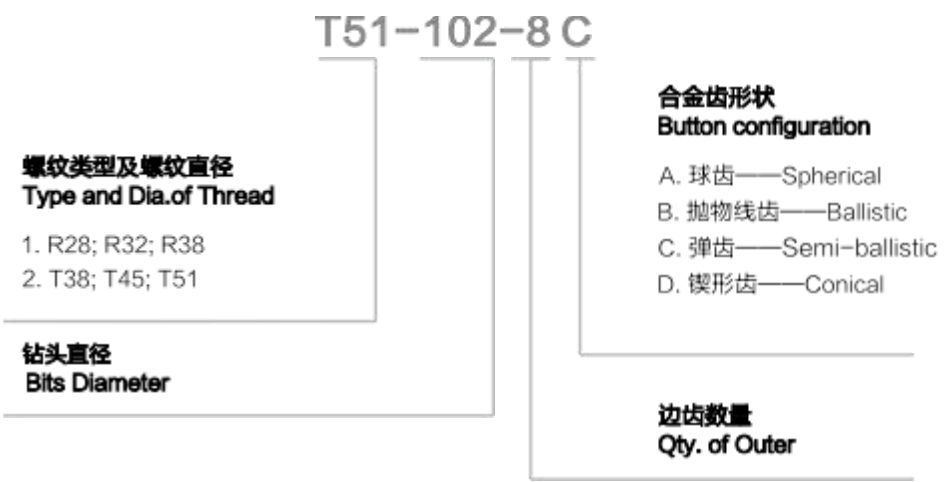
边齿数量
Qty. of Outer Button

头部端面类型
Face Design

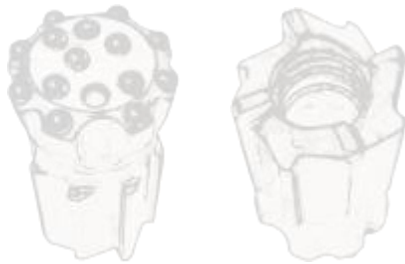
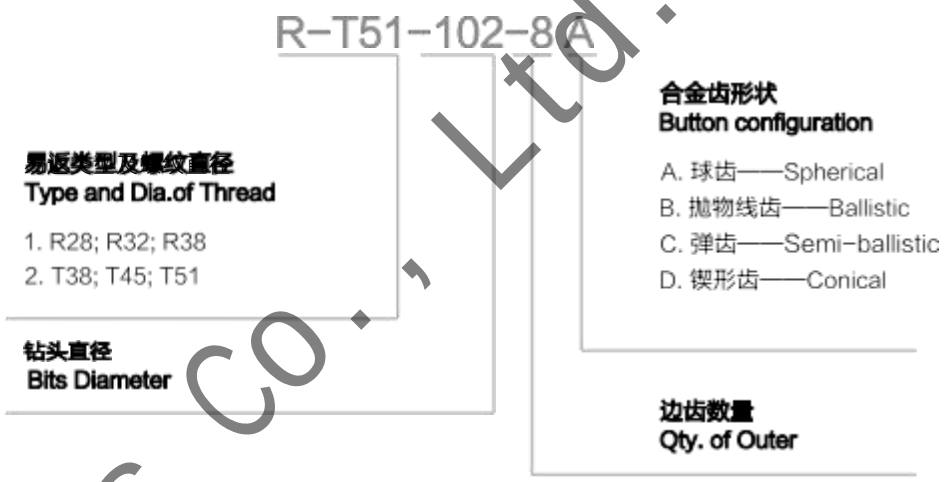
1. F : 平面——Flat
2. V : 凸面——Convex
3. C : 凹面——Concave
4. D : 中心下陷——Drop Center



螺纹连接钻头代号 Codes for Threaded Button Bits



易返式钎头钻头代号 Retrac Threaded Button Bits



DTH HAMMER 潜孔冲击器

08-26

潜孔冲击器 DTH HAMMER

应用范围

芳尚康潜孔冲击器广泛的适用于露天及井下矿山的各种硬度矿岩中穿凿炮孔，通气孔，天井中心孔，管缆孔或者其他深孔。比如：采石场的开采、土石方工程、水井工程和建筑基础等。

设计理念与产品优势

1. 根据最新的凿岩理论设计，我们的潜孔锤能提供最大的能量到钻头并确保高钻速。
2. 采用优质合金钢材料和先进的加工工艺确保了产品使用的平稳性，可靠性以及更长的使用寿命。
3. 简单的结构确保了低故障率，更方便拆卸以及维护。

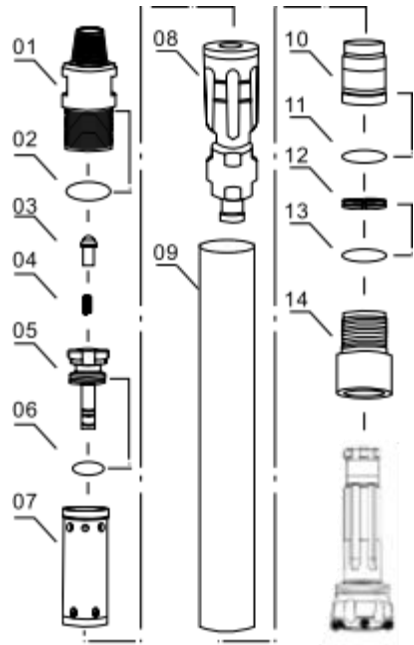
Application Range

Our DTH hammers are widely applied to open pit and underground mining to drill blasting holes, drainage holes, ventilation holes, center holes or blasting holes of raising boring, pipe holes and other deep holes in all various strength rocks. such as quarry exploitation, earthwork projects, water-well, constructions and so on.

Design principles and Advantages of our product

1. According to newest rock drilling theory to design our DTH hammer for deliver maximum energy to drilling bit and ensure high drilling rate.
2. High quality alloy steel materials and advanced processing technology ensure smooth operation, reliability and longer service life.
3. The simple structure of our DTH hammer ensure low problem rate and easy operation&maintenance.

潜孔冲击器 DTH HAMMER P2.5



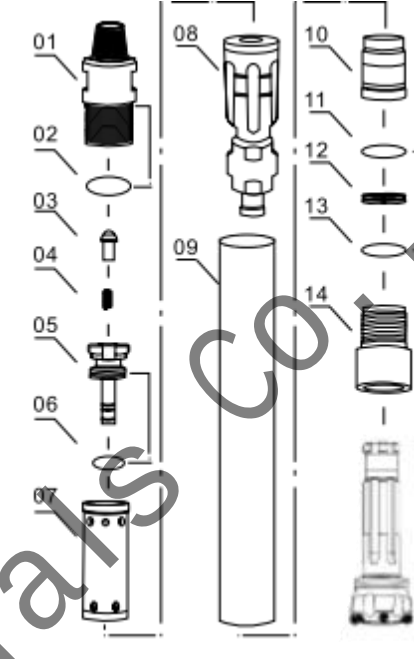
序号	部件	Replacement Parts	单重 Weight (KG)	件号 Part No.
1	上接头	Top Sub: API2- " REG	3.1	P2.5-1
2	O型圈	O-Ring	0.01	P2.5-2
3	逆止阀	Check Valve Dart	0.1	P2.5-3
4	弹簧	Spring	0.05	P2.5-4
5	配气座	Rigid Valve	0.6	P2.5-5
6	O型圈	O-Ring	0.01	P2.5-6
7	内缸	Internal Cylinder	0.8	P2.5-7
8	活塞	Piston	3.8	P2.5-8
9	外缸	Outer Cylinder	4.5	P2.5-9
10	衬套	Bush Drive Sub	0.6	P2.5-10
11	O型圈	O-Ring	0.01	P2.5-11
12	卡环	Bit Retainer Ring	0.1	P2.5-12
13	O型圈	O-Ring	0.01	P2.5-13
14	下接头	Driver Sub	1.4	P2.5-14

产品名称 Description	API 螺纹 Thread Connection	外径 Outside Dia. (mm)	总长(不含钻头) Length Without Bit (mm)	重量 Weight (KG)	钻孔范围 Rec.Hole Size(mm)	工作风压 Working Pressure (Bar)	耗风量 Air Consumption (m³/min)
HP-HDH 2.5	T42 × 10 × 1.5	71	875	≈16	76-90	10 15	4 6

钻头尾柄 Bit Shank	2
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冲击器可配钻头	钻头头部结构	直径 Dia.(mm)	边齿数 × 尺寸 Button No. × size (mm)	单重 Weight (Kg)	钻头件号 Bits Part No.
	平面型 Flat	78	6 × Φ13	3.5	HDH2.5-F6-78A
		78	5 × Φ14	3.5	HDH2.5-F5-78A
	球头齿 spherical	78	6 × Φ13	3.5	HDH2.5-F6-78A
		78	5 × Φ14	3.5	HDH2.5-F5-78A
	球头齿 Spherical	78	6 × Φ13	3.5	HDH2.5-F6-78A
		78	5 × Φ14	3.5	HDH2.5-F5-78A

潜孔冲击器 DTH HAMMER P3.5

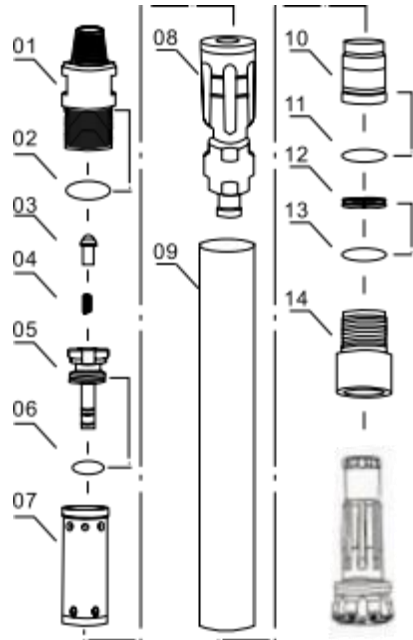


序号	部件	Replacement Parts	单重 Weight (KG)	件号 Part No.
1	上接头	Top Sub: API2- " REG	4.6	P3.5-1
2	O型圈	O-Ring	0.01	P3.5-2
3	逆止阀	Check Valve Dart	0.15	P3.5-3
4	弹簧	Spring	0.03	P3.5-4
5	配气座	Rigid Valve	1.1	P3.5-5
6	O型圈	O-Ring	0.01	P3.5-6
7	内缸	Internal Cylinder	1.05	P3.5-7
8	活塞	Piston	5.1	P3.5-8
9	外缸	Outer Cylinder	8.1	P3.5-9
10	衬套	Bush Drive Sub	0.5	P3.5-10
11	O型圈	O-Ring	0.01	P3.5-11
12	卡环	Bit Retainer Ring	0.13	P3.5-12
13	O型圈	O-Ring	0.01	P3.5-13
14	下接头	Driver Sub	1.6	P3.5-14

产品名称 Description	API 螺纹 Thread Connection	外径 Outside Dia. (mm)	总长(不含钻头) Length Without Bit (mm)	重量 Weight (KG)	钻孔范围 Rec.Hole Size(mm)	工作风压 Working Pressure (Bar)	耗风量 Air Consumption (m³/min)
HP-P3.5-2 3/8" REG	2 3/8" REG	80	850	≈22	90-105	10 15	3.8 7.8

钻头尾柄 Bit Shank		DHD 3.5 无尾管 (No Foot Valve)			
冲击器可配钻头	钻头头部结构	直径 Dia.(mm)	边齿数 × 尺寸 Button No. × size (mm)	单重 Weight (Kg)	钻头件号 Bits Part No.
	平面型 Flat	90	6 × Φ14	5.1	P3.5-F6-90A
		95	6 × Φ14	5.4	P3.5-F6-95A
	球头齿 spherical	90	7 × Φ13	5	P3.5-F7-90A
		95	7 × Φ13	5.2	P3.5-F7-95A
	弹头齿 Ballistic	100	7 × Φ14	5.6	P3.5-F7-100A
		105	7 × Φ14	6.1	P3.5-F7-105A
	凸面型 Convex	90	7 × Φ13	5	P3.5-F7-90B
		95	7 × Φ13	5.3	P3.5-F7-95B
	弹头齿 Ballistic	100	7 × Φ14	5.6	P3.5-F7-100B
		105	7 × Φ14	6	P3.5-F7-105B

潜孔冲击器 DTH HAMMER P340

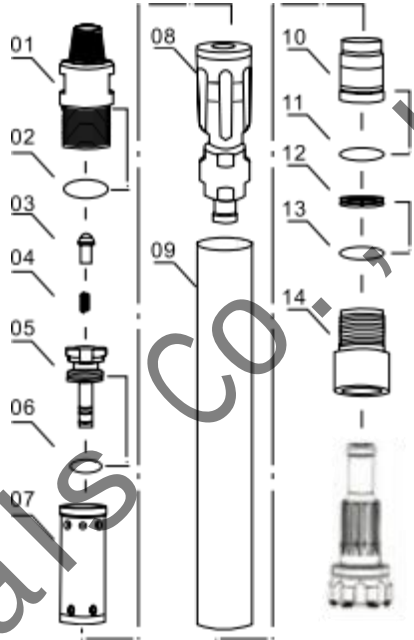


序号	部件	Replacement Parts	单重 Weight (KG)	件号 Part No.
1	上接头	Top Sub: API2- " REG	6.9	P340-1
2	O型圈	O-Ring	0.01	P340-2
3	逆止阀	Check Valve Dart	0.3	P340-3
4	弹簧	Spring	0.05	P340-4
5	配气座	Rigid Valve	1.3	P340-5
6	O型圈	O-Ring	0.01	P340-6
7	内缸	Internal Cylinder	1.5	P340-7
8	活塞	Piston	8.1	P340-8
9	外缸	Outer Cylinder	15	P340-9
10	衬套	Bush Drive Sub	1.6	P340-10
11	O型圈	O-Ring	0.01	P340-11
12	卡环	Bit Retainer Ring	0.35	P340-12
13	O型圈	O-Ring	0.01	P340-13
14	下接头	Driver Sub	4.1	P340-14

产品名称 Description	API 螺纹 Thread Connection	外径 Outside Dia. (mm)	总长(不含钻头) Length Without Bit (mm)	重量 Weight (KG)	钻孔范围 Rec.Hole Size(mm)	工作压力 Working Pressure (Bar)	耗风量 Air Consumption (m³/min)
HP-P340- 2 3/8" REG	2 3/8" REG	99	910	≈39	110-130	10 18 24	6 10 15

钻头尾柄 Bit Shank		DHD 340A 无尾管 (No Foot Valve)			
冲击器可配钻头	钻头头部结构	直径 Dia.(mm)	边齿数 × 尺寸 Buton No. × size (mm)	单重 Weight (Kg)	钻头件号 Bits Part No.
	平面型 Flat	108	7 × Φ14	9.5	P340-F7-108A
		115	6 × Φ16	10.1	P340-F6-115A
	球头齿 spherical	115	8 × Φ14	10	P340-F8-115A
		125	7 × Φ16	11.1	P340-F7-125A
	弹头齿 Ballistic	130	8 × Φ16	12.5	P340-F8-130A
		108	7 × Φ14	9.5	P340-F7-108B
	凸面型 Convex	115	6 × Φ16	10.2	P340-F6-115B
		115	8 × Φ14	10	P340-F8-115B
	弹头齿 Ballistic	125	7 × Φ16	11	P340-F7-125B
		130	8 × Φ16	12.5	P340-F8-130B
	凸面型 Convex	108	7 × Φ14	9.5	P340-V7-108B
		115	8 × Φ14	10.1	P340-V8-115B
	弹头齿 Ballistic	125	7 × Φ16	11.1	P340-V7-125B
		130	8 × Φ16	12.5	P340-V8-130B

潜孔冲击器 DTH HAMMER M40

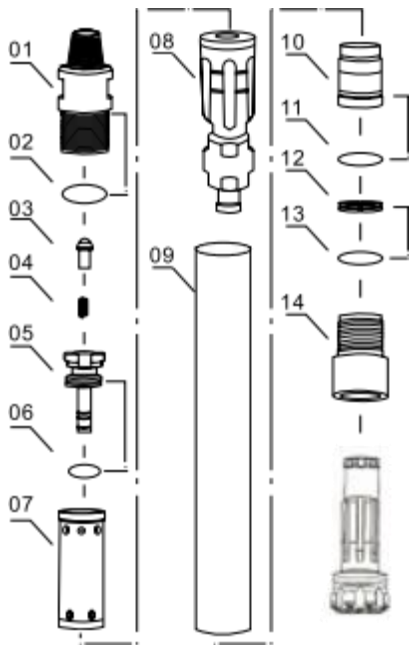


序号	部件	Replacement Parts	单重 Weight (KG)	件号 Part No.
1	上接头	Top Sub: API - " REG	7	M40-1
2	O型圈	O-Ring	0.01	M40-2
3	逆止阀	Check Valve Dart	0.3	M40-3
4	弹簧	Spring	0.05	M40-4
5	配气座	Rigid Valve	1.3	M40-5
6	O型圈	O-Ring	0.01	M40-6
7	内缸	Internal Cylinder	1.5	M40-7
8	活塞	Piston	8.3	M40-8
9	外缸	Outer Cylinder	15	M40-9
10	衬套	Bush Drive Sub	1.6	M40-10
11	O型圈	O-Ring	0.01	M40-11
12	卡环	Bit Retainer Ring	0.35	M40-12
13	O型圈	O-Ring	0.01	M40-13
14	下接头	Driver Sub	4	M40-14

产品名称 Description	API 螺纹 Thread Connection	外径 Outside Dia. (mm)	总长(不含钻头) Length Without Bit (mm)	重量 Weight (KG)	钻孔范围 Rec.Hole Size(mm)	工作压力 Working Pressure (Bar)	耗风量 Air Consumption (m³/min)
HP-M40-2 3/8" REG	2 3/8" REG	99	930	≈39	110-130	10 18 24	6 10 15

钻头尾柄 Bit Shank		MISSION40			
冲击器可配钻头	钻头头部结构	直径 Dia.(mm)	边齿数 × 尺寸 Buton No. × size (mm)	单重 Weight (Kg)	钻头件号 Bits Part No.
	平面型 Flat	108	7 × Φ14	9.5	M40-F7-108A
		115	6 × Φ16	10.1	M40-F6-115A
	球头齿 spherical	115	8 × Φ14	10	M40-F8-115A
		125	7 × Φ16	11	M40-F7-125A
	弹头齿 Ballistic	130	8 × Φ16	12.5	M40-F8-130A
		108	7 × Φ14	9.5	M40-F7-108B
	凸面型 Convex	115	6 × Φ16	10.1	M40-F6-115B
		115	8 × Φ14	10	M40-F8-115B
	弹头齿 Ballistic	125	7 × Φ16	11	M40-F7-125B
		130	8 × Φ16	12.5	M40-F8-130B
	凸面型 Convex	108	7 × Φ14	9.5	M40-V7-108B
		115	8 × Φ14	10.1	M40-V8-115B
	弹头齿 Ballistic	125	7 × Φ16	11	M40-V7-125B
		130	8 × Φ16	12.5	M40-V8-130B

潜孔冲击器 DTH HAMMER P350

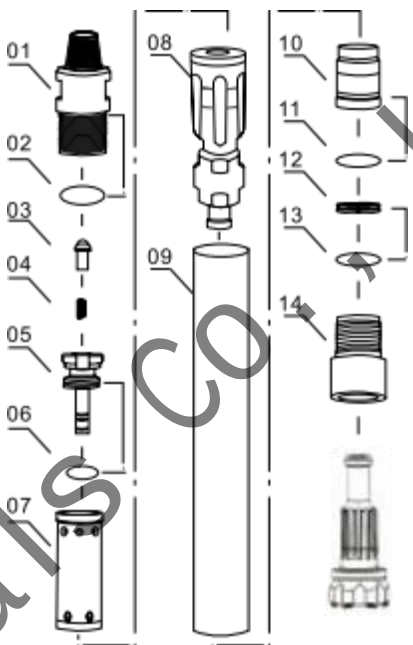


序号	部件	Replacement Parts	单重 weight (KG)	件号 Part No.
1	上接头	Top Sub: API2- " REG	12.5	P350-1A
		Top Sub: API " REG	12.7	P350-1B
2	O型圈	O-Ring	0.01	P350-2
3	逆止阀	Check Valve Dart	0.3	P350-3
4	弹簧	Spring	0.05	P350-4
5	配气座	Rigid Valve	2.2	P350-5
6	O型圈	O-Ring	0.01	P350-6
7	内缸	Internal Cylinder	2.5	P350-7
8	活塞	Piston	15.3	P350-8
9	外缸	Outer Cylinder	26	P350-9
10	衬套	Bush Drive Sub	2.8	P350-10
11	O型圈	O-Ring	0.01	P350-11
12	卡环	Bit Retainer Ring	0.35	P350-12
13	O型圈	O-Ring	0.01	P350-13
14	下接头	Driver Sub	6.8	P350-14

产品名称 Description	API 螺纹 Thread Connection	外径 Outside Dia.	总长(不含钻头) Length Without Bit	重量 Weight	钻孔范围 Rec.Hole Size (mm)	工作压力 Working Pressure	耗风量 Air Consumption (m³/min)
HP-P350- 2 3/8 " REG	2 3/8 " REG 3 1/2 " REG	126	975	≈68	134-152	10	7
						18	14
						24	19

钻头尾柄 Bit Shank		DHD 350R 无尾管 (No Foot Valve)			
冲击器可配钻头	钻头头部结构	直径 Dia.(mm)	边齿数 × 尺寸 Buton No. × size (mm)	单重 Weight (Kg)	钻头件号 Bits Part No.
	平面型 Flat 球头齿 spherical	134	7 × Φ16	14.5	P350-F7-134A
		140	7 × Φ18	17.2	P350-F7-140A
		140	8 × Φ17	17.1	P350-F8-140A
		148	8 × Φ17	17.5	P350-F8-148A
		152	8 × Φ17	18.1	P350-F8-152A
		134	7 × Φ16	14.5	P350-C7-134A
	凹面型 Convex 球头齿 Spherical	140	7 × Φ18	17.3	P350-C6-140A
		140	8 × Φ17	17.1	P350-C8-140A
		148	8 × Φ17	17.5	P350-C7-148A
		152	8 × Φ17	18.1	P350-C8-152A
		134	7 × Φ16	14.5	P350-V7-134B
		140	8 × Φ17	17.1	P350-V8-140B
	凸面型 Convex 弹头齿 Ballistic	148	8 × Φ17	17.5	P350-V8-148B
		152	8 × Φ17	18.1	P350-V8-152B

潜孔冲击器 DTH HAMMER M50

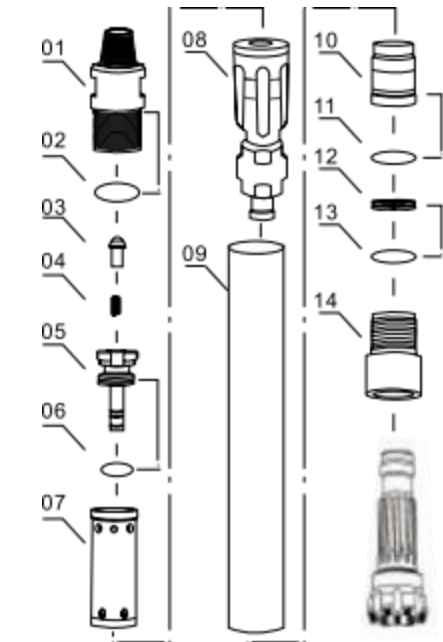


序号	部件	Replacement Parts	单重 weight (KG)	件号 Part No.
	上接头	Top Sub: API 1- " REG	12.5	M50-1A
		Top Sub: API 1- " REG	12.7	M50-1B
2	O型圈	O-Ring	0.01	M50-2
3	逆止阀	Check Valve Dart	0.3	M50-3
4	弹簧	Spring	0.05	M50-4
5	配气座	Rigid Valve	2.2	M50-5
6	O型圈	O-Ring	0.01	M50-6
7	内缸	Internal Cylinder	2.5	M50-7
8	活塞	Piston	15.3	M50-8
9	外缸	Outer Cylinder	26	M50-9
10	衬套	Bush Drive Sub	2.8	M50-10
11	O型圈	O-Ring	0.01	M50-11
12	卡环	Bit Retainer Ring	0.35	M50-12
13	O型圈	O-Ring	0.01	M50-13
14	下接头	Driver Sub	6.8	M50-14

产品名称 Description	API 螺纹 Thread Connection	外径 Outside Dia.	总长(不含钻头) Length Without Bit	重量 Weight	钻孔范围 Rec.Hole Size (mm)	工作压力 Working Pressure	耗风量 Air Consumption (m³/min)
HP-M50- 2 3/8 " REG	2 3/8 " REG 3 1/2 " REG	126	975	≈68	134-152	10	7
						18	14
						24	19

钻头尾柄 Bit Shank		MISSION50/55			
冲击器可配钻头	钻头头部结构	直径 Dia.(mm)	边齿数 × 尺寸 Buton No. × size (mm)	单重 Weight (Kg)	钻头件号 Bits Part No.
	平面型 Flat 球头齿 spherical	134	7 × Φ16	7 × Φ16	M50-F7-134A
		140	7 × Φ18	7 × Φ18	M50-F7-140A
		140	8 × Φ17	8 × Φ17	M50-F8-140A
		148	8 × Φ17	8 × Φ17	M50-F8-148A
		152	8 × Φ17	8 × Φ17	M50-F8-152A
		134	7 × Φ16	7 × Φ16	M50-C7-134A
	凹面型 Convex 球头齿 Spherical	140	7 × Φ18	7 × Φ18	M50-C6-140A
		140	8 × Φ17	8 × Φ17	M50-C8-140A
		148	8 × Φ17	8 × Φ17	M50-C7-148A
		152	8 × Φ17	8 × Φ17	M50-C8-152A
		134	7 × Φ16	7 × Φ16	M50-V7-134B
		140	8 × Φ17	8 × Φ17	M50-V8-140B
	凸面型 Convex 弹头齿 Ballistic	148	8 × Φ17	8 × Φ17	M50-V8-148B
		152	8 × Φ17	8 × Φ17	M50-V8-152B

潜孔冲击器 DTH HAMMER QL5

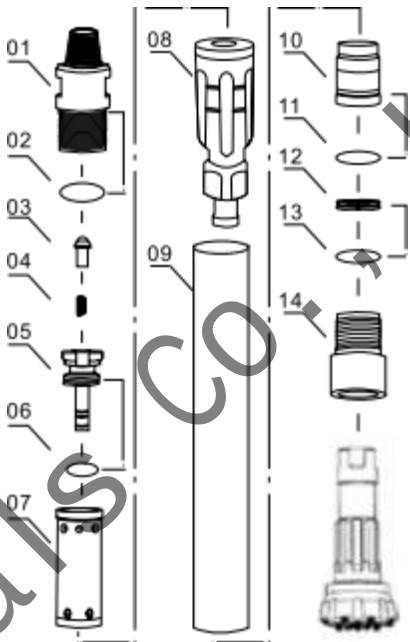


序号	部件	Replacement Parts	单重 Weight (KG)	件号 Part No.
1	上接头	Top Sub: API 2 3/8" REG	12.5	QL5-1A
		Top Sub: API 1 1/2" REG	12.7	QL5-1B
2	O型圈	O-Ring	0.01	QL5-2
3	逆止阀	Check Valve Dart	0.3	QL5-3
4	弹簧	Spring	0.05	QL5-4
5	配气座	Rigid Valve	2.2	QL5-5
6	O型圈	O-Ring	0.01	QL5-6
7	内缸	Internal Cylinder	2.5	QL5-7
8	活塞	Piston	15.3	QL5-8
9	外缸	Outer Cylinder	26	QL5-9
10	衬套	Bush Drive Sub	2.8	QL5-10
11	O型圈	O-Ring	0.01	QL5-11
12	卡环	Bit Retainer Ring	0.35	QL5-12
13	O型圈	O-Ring	0.01	QL5-13
14	下接头	Driver Sub	6.8	QL5-14

产品名称 Description	API 螺纹 Thread Connection	外径 Outside Dia. (mm)	总长(不含钻头) Length Without Bit (mm)	重量 Weight (KG)	钻孔范围 Rec.Hole Size (mm)	工作压力 Working Pressure (Bar)	耗风量 Air Consumption (m³/min)
HP-QL5- 2 3/8" REG	2 3/8" REG 3 1/2" REG	126	975	≈68	134-152	10 18 24	7 14 19

钻头尾柄 Bit Shank		QL50 无尾管 (NO FOOT VALVE)			
冲击器可配钻头	钻头头部结构	直径 Dia. (mm)	边齿数 × 尺寸 Buton No. × size (mm)	单重 Weight (Kg)	钻头件号 Bits Part No.
	平面型 Flat 球头齿 Spherical	134	7 × Φ16	14.5	QL5-F7-134A
		140	7 × Φ18	17.2	QL5-F7-140A
		140	8 × Φ17	17.1	QL5-F8-140A
		148	8 × Φ17	17.5	QL5-F8-148A
	凹面型 Convex 球头齿 Spherical	152	8 × Φ17	18.1	QL5-F8-152A
		134	7 × Φ16	14.5	QL5-C7-134A
		140	7 × Φ18	17.3	QL5-C8-140A
		140	8 × Φ17	17.1	QL5-C8-140A
	凸面型 Convex 弹头齿 Ballistic	148	8 × Φ17	17.5	QL5-C7-148A
		152	8 × Φ17	18.1	QL5-C8-152A
		134	7 × Φ16	14.5	QL5-V7-134B
		140	8 × Φ17	17.1	QL5-V8-140B
		148	8 × Φ17	17.5	QL5-V8-148B
		152	8 × Φ17	18.1	QL5-V8-152B

潜孔冲击器 DTH HAMMER P360

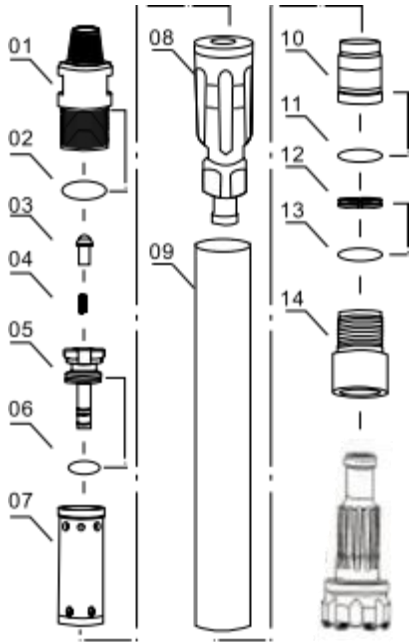


序号	部件	Replacement Parts	单重 Weight (KG)	件号 Part No.
1	上接头	Top Sub: API 1 1/2" REG	19.6	P360-1
2	O型圈	O-Ring	0.01	P360-2
3	逆止阀	Check Valve Dart	0.4	P360-3
4	弹簧	Spring	0.05	P360-4
5	配气座	Rigid Valve	5	P360-5
6	O型圈	O-Ring	0.01	P360-6
7	内缸	Internal Cylinder	3.5	P360-7
8	活塞	Piston	23.5	P360-8
9	外缸	Outer Cylinder	44	P360-9
10	衬套	Bush Drive Sub	3	P360-10
11	O型圈	O-Ring	0.01	P360-11
12	卡环	Bit Retainer Ring	0.65	P360-12
13	O型圈	O-Ring	0.01	P360-13
14	下接头	Driver Sub	6.1	P360-14

产品名称 Description	API 螺纹 Thread Connection	外径 Outside Dia. (mm)	总长(不含钻头) Length Without Bit (mm)	重量 Weight (KG)	钻孔范围 Rec.Hole Size (mm)	工作压力 Working Pressure (Bar)	耗风量 Air Consumption (m³/min)
HP-P360- 3 1/2" REG	3 1/2" REG	144	1165	≈106	152-254	10 18 24	9 16 24

钻头尾柄 Bit Shank		DHD 360 无尾管 (No Foot Valve)			
冲击器可配钻头	钻头头部结构	直径 Dia. (mm)	边齿数 × 尺寸 Buton No. × size (mm)	单重 Weight (Kg)	钻头件号 Bits Part No.
	平面型 Flat 球头齿 Spherical	152	8 × Φ17	23	P360-F8-152A
		155	8 × Φ17	23.5	P360-F8-155A
		165	8 × Φ18	25.5	P360-F8-165A
		178	8 × Φ18	28.5	P360-F8-178A
	凹面型 Convex 球头齿 Spherical	190	8 × Φ18	32	P360-F8-190A
		203	9 × Φ18	35	P360-F9-203A
		219	10 × Φ18	42	P360-F10-219A
		254	12 × Φ18	52	P360-F12-154A
	凸面型 Convex 球头齿 Spherical	165	8 × Φ18	25.5	P360-C8-165A
		178	8 × Φ18	28.5	P360-C8-178A
		190	8 × Φ18	32	P360-C8-190A
		203	9 × Φ18	35	P360-C8-203A
		219	10 × Φ18	42	P360-C8-219A
		254	12 × Φ18	52	P360-C8-254A

潜孔冲击器 DTH HAMMER M60

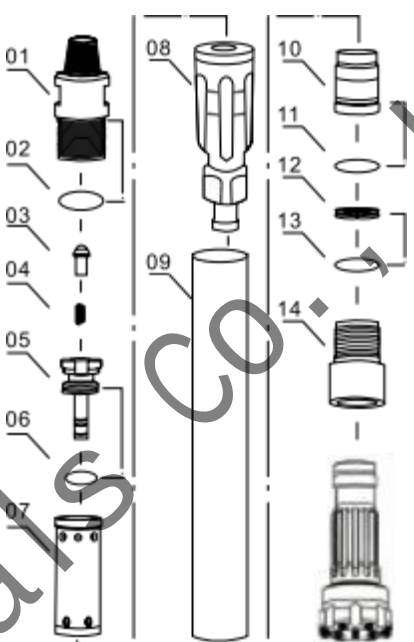


序号	部件	Replacement Parts	单重 Weight (KG)	件号 Part No.
1	上接头	Top Sub: API 1 1/2" REG	19.6	M60-1
2	O型圈	O-Ring	0.01	M60-2
3	逆止阀	Check Valve Dart	0.4	M60-3
4	弹簧	Spring	0.05	M60-4
5	配气座	Rigid Valve	5	M60-5
6	O型圈	O-Ring	0.01	M60-6
7	内缸	Internal Cylinder	3.5	M60-7
8	活塞	Piston	23.5	M60-8
9	外缸	Outer Cylinder	44	M60-9
10	衬套	Bush Drive Sub	3	M60-10
11	O型圈	O-Ring	0.01	M60-11
12	卡环	Bit Retainer Ring	0.65	M60-12
13	O型圈	O-Ring	0.01	M60-13
14	下接头	Driver Sub	6.1	M60-14

产品名称 Description	API 螺纹 Thread Connection	外径 Outside Dia. (mm)	总长(不含钻头) Length Without Bit (mm)	重量 Weight (KG)	钻孔范围 Rec.Hole Size (mm)	工作风压 Working Pressure (Bar)	耗风量 Air Consumption (m³/min)
HP-M60- 3 1/2" REG	3 1/2" REG	144	1085	≈106	152-254	10 18 24	9 16 24

钻头尾柄 Bit Shank		Mission60/60W/65			
冲击器可配钻头	钻头头部结构	x直径 Dia.(mm)	边齿数 × 尺寸 ButtonNo. × size (mm)	单重 Weight (Kg)	钻头件号 Bits Part No.
	 平面型 Flat	152	8 × Φ17	23	M60-F8-152A
		155	8 × Φ17	23.5	M60-F8-155A
		165	8 × Φ18	25.5	M60-F8-165A
		178	8 × Φ18	28.5	M60-F8-178A
	球头齿 spherical	190	8 × Φ18	32	M60-F8-190A
		203	9 × Φ18	35	M60-F9-203A
		219	10 × Φ18	42	M60-F10-219A
		254	12 × Φ18	52	M60-F12-154A
 凹面型 Convex	165	8 × Φ18	25.5	M60-C8-165A	
	178	8 × Φ18	28.5	M60-C8-178A	
	190	8 × Φ18	32	M60-C8-190A	
	203	9 × Φ18	35	M60-C8-203A	
	球头齿 Spherical	219	10 × Φ18	42	M60-C8-219A
		254	12 × Φ18	52	M60-C8-254A

潜孔冲击器 DTH HAMMER QL6

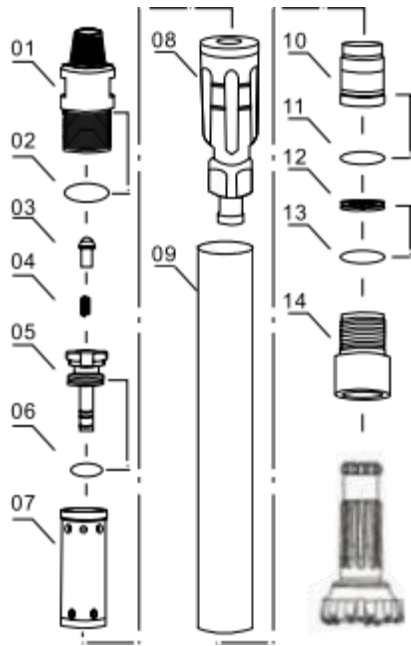


序号	部件	Replacement Parts	单重 Weight (KG)	件号 Part No.
1	上接头	Top Sub: API 1 1/2" REG	19.6	QL6-1
2	O型圈	O-Ring	0.01	QL6-2
3	逆止阀	Check Valve Dart	0.4	QL6-3
4	弹簧	Spring	0.05	QL6-4
5	配气座	Rigid Valve	5	QL6-5
6	O型圈	O-Ring	0.01	QL6-6
7	内缸	Internal Cylinder	3.5	QL6-7
8	活塞	Piston	23.5	QL6-8
9	外缸	Outer Cylinder	44	QL6-9
10	衬套	Bush Drive Sub	3	QL6-10
11	O型圈	O-Ring	0.01	QL6-11
12	卡环	Bit Retainer Ring	0.65	QL6-12
13	O型圈	O-Ring	0.01	QL6-13
14	下接头	Driver Sub	6.1	QL6-14

产品名称 Description	API 螺纹 Thread Connection	外径 Outside Dia. (mm)	总长(不含钻头) Length Without Bit (mm)	重量 Weight (KG)	钻孔范围 Rec.Hole Size (mm)	工作风压 Working Pressure (Bar)	耗风量 Air Consumption (m³/min)
HP-QL6- 3 1/2" REG	3 1/2" REG	144	1105	≈108	152-254	10 18 24	9 16 24

钻头尾柄 Bit Shank		QL60 无尾管 (No Foot Valve)				
冲击器可配钻头	钻头头部结构	x"直径 Dia.(mm)"	边齿数 × 尺寸 Button No.*size (mm)	单重 Weight (Kg)	钻头件号 Bits Part No.	
	 平面型 Flat 球头齿 spherical	152	8 × Φ17	23	QL6-F8-152A	
		155	8 × Φ17	23.5	QL6-F8-155A	
		165	8 × Φ18	25.5	QL6-F8-165A	
		178	8 × Φ18	28.5	QL6-F8-178A	
		190	8 × Φ18	32	QL6-F8-190A	
		203	9 × Φ18	35	QL6-F9-203A	
		219	10 × Φ18	42	QL6-F10-219A	
		254	12 × Φ18	52	QL6-F12-154A	
		 凹面型 Convex 球头齿 Spherical	165	8 ■ Φ18	25.5	QL6-C8-165A
			178	8 ■ Φ18	28.5	QL6-C8-178A
190	8 ■ Φ18		32	QL6-C8-190A		
203	9 ■ Φ18		35	QL6-C8-203A		
219	10 ■ Φ18		42	QL6-C8-219A		
254	12 ■ Φ18		52	QL6-C8-254A		

潜孔冲击器 DTH HAMMER P380

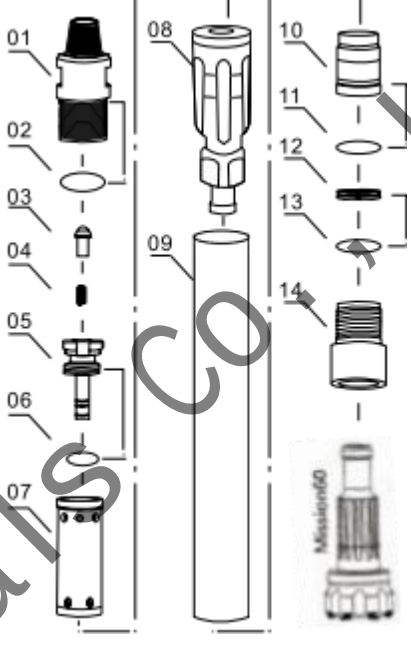


序号	部件	Replacement Parts	单重 Weight (KG)	件号 Part No.
1	上接头	Top Sub: API 1 1/2" REG	43.5	P380-1
2	O型圈	O-Ring	0.05	P380-2
3	逆止阀	Check Valve Dart	0.6	P380-3
4	弹簧	Spring	0.25	P380-4
5	配气座	Rigid Valve	6.8	P380-5
6	O型圈	O-Ring	0.05	P380-6
7	内缸	Internal Cylinder	7	P380-7
8	活塞	Piston	39.5	P380-8
9	外缸	Outer Cylinder	61	P380-9
10	衬套	Bush Drive Sub	3.5	P380-10
11	O型圈	O-Ring	0.05	P380-11
12	卡环	Bit Retainer Ring	1.3	P380-12
13	O型圈	O-Ring	0.05	P380-13
14	下接头	Driver Sub	18	P380-14

产品名称 Description	API 螺纹 Thread Connection	外径 Outside Dia. (mm)	总长(不含钻头) Length Without Bit (mm)	重量 Weight (KG)	钻孔范围 Rec.Hole Size (mm)	工作风压 Working Pressure (Bar)	耗风量 Air Consumption (m³/min)
HP-P380- 4 1/2" REG	4 1/2" REG	180	1314	≈182	203-305	10 18 24	12 25 30

钻头尾柄 Bit Shank		DHD 380 无尾管 (No Foot Valve)			
冲击器可配钻头	钻头头部结构	x直径 Dia.(mm)	边齿数 × 尺寸 Button No. × size (mm)	单重 Weight (Kg)	钻头件号 Bits Part No.
	平面型 Flat	203	10 × Φ18	45.5	P380-F10-203A
		216	10 × Φ18	48.5	P380-F10-216A
		219	10 × Φ18	49	P380-F10-219A
		225	10 × Φ18	51	P380-F10-225A
		235	12 × Φ18	51.5	P380-F12-235A
		241	12 × Φ18	52	P380-F12-241A
	球头齿 spherical	254	12 × Φ18	53.5	P380-F12-254A
		270	12 × Φ18	54.5	P380-F12-270A
		279	12 × Φ18	56	P380-F12-279A
		292	12 × Φ18	66.5	P380-F12-292A
		300	12 × Φ18	68	P380-F12-300A
		305	12 × Φ18	68.5	P380-F12-305A
花键数: spline:10	凹面型 Convex	203	10 × Φ18	45.5	P380-C10-203A
		216	10 × Φ18	48.5	P380-C10-216A
		219	10 × Φ18	49	P380-C10-219A
		225	10 × Φ18	51	P380-C10-225A
		235	12 × Φ18	51.5	P380-C12-235A
		241	12 × Φ18	52	P380-C12-241A
	球头齿 Spherical	254	12 × Φ18	53	P380-C12-254A
		270	12 × Φ18	54.5	P380-C12-270A
		279	12 × Φ18	56	P380-C12-279A
		292	12 × Φ18	66	P380-C12-292A
		300	12 × Φ18	68	P380-C12-300A
		305	12 × Φ18	68.5	P380-C12-305A

潜孔冲击器 DTH HAMMER M80

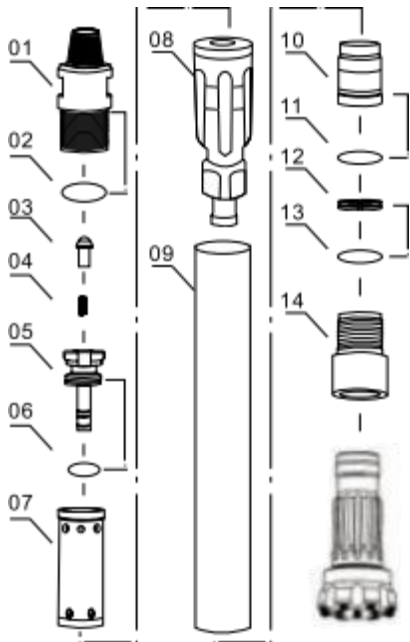


序号	部件	Replacement Parts	单重 Weight (KG)	件号 Part No.
1	上接头	Top Sub: API 1 1/2" REG	43.5	M80-1
2	O型圈	O-Ring	0.05	M80-2
3	逆止阀	Check Valve Dart	0.6	M80-3
4	弹簧	Spring	0.25	M80-4
5	配气座	Rigid Valve	6.8	M80-5
6	O型圈	O-Ring	0.05	M80-6
7	内缸	Internal Cylinder	7	M80-7
8	活塞	Piston	39.5	M80-8
9	外缸	Outer Cylinder	61	M80-9
10	衬套	Bush Drive Sub	3.5	M80-10
11	O型圈	O-Ring	0.05	M80-11
12	卡环	Bit Retainer Ring	1.3	M80-12
13	O型圈	O-Ring	0.05	M80-13
14	下接头	Driver Sub	18	M80-14

产品名称 Description	API 螺纹 Thread Connection	外径 Outside Dia. (mm)	总长(不含钻头) Length Without Bit (mm)	重量 Weight (KG)	钻孔范围 Rec.Hole Size (mm)	工作风压 Working Pressure (Bar)	耗风量 Air Consumption (m³/min)
HP-M80- 4 1/2" REG	4 1/2" REG	180	1294	≈186	203-305	10 18 24	12 25 30

钻头尾柄 Bit Shank		Mission80/85			
冲击器可配钻头	钻头头部结构	x直径 Dia.(mm)	边齿数 × 尺寸 Button No. × size (mm)	单重 Weight (Kg)	钻头件号 Bits Part No.
	平面型 Flat	203	10 × Φ18	45.5	M80-F10-203A
		216	10 × Φ18	48.5	M80-F10-216A
		219	10 × Φ18	49	M80-F10-219A
		225	10 × Φ18	51	M80-F10-225A
		235	12 × Φ18	51.5	M80-F12-235A
		241	12 × Φ18	52	M80-F12-241A
	球头齿 spherical	254	12 × Φ18	53.5	M80-F12-254A
		270	12 × Φ18	54.5	M80-F12-270A
		279	12 × Φ18	56	M80-F12-279A
		292	12 × Φ18	66.5	M80-F12-292A
		300	12 × Φ18	68	M80-F12-300A
		305	12 × Φ18	68.5	M80-F12-305A
花键数: spline:12	凹面型 Convex	203	10 × Φ18	45.5	M80-C10-203A
		216	10 × Φ18	48.5	M80-C10-216A
		219	10 × Φ18	49	M80-C10-219A
		225	10 × Φ18	51	M80-C10-225A
		235	12 × Φ18	51.5	M80-C12-235A
		241	12 × Φ18	52	M80-C12-241A
	球头齿 Spherical	254	12 × Φ18	53	M80-C12-254A
		270	12 × Φ18	54.5	M80-C12-270A
		279	12 × Φ18	56	M80-C12-279A
		292	12 × Φ18	66	M80-C12-292A
		300	12 × Φ18	68	M80-C12-300A
		305	12 × Φ18	68.5	M80-C12-305A

潜孔冲击器 DTH HAMMER QL8

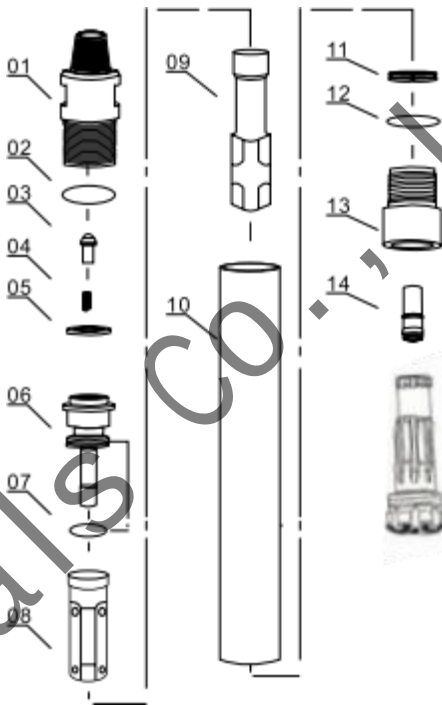


序号	部件	Replacement Parts	单重 Weight (KG)	件号 Part No.
1		Top Sub: API 2" REG	43.5	QL8-1
2	O型圈	O-Ring	0.05	QL8-2
3	逆止阀	Check Valve Dart	0.6	QL8-3
4	弹簧	Spring	0.25	QL8-4
5	配气座	Rigid Valve	6.8	QL8-5
6	O型圈	O-Ring	0.05	QL8-6
7	内缸	Internal Cylinder	7	QL8-7
8	活塞	Piston	39.5	QL8-8
9	外缸	Outer Cylinder	61	QL8-9
10	衬套	Bush Drive Sub	3.5	QL8-10
11	O型圈	O-Ring	0.05	QL8-11
12	卡环	Bit Retainer Ring	1.3	QL8-12
13	O型圈	O-Ring	0.05	QL8-13
14	下接头	Driver Sub	18	QL8-14

产品名称 Description	API 螺纹 Thread Connection	外径 Outside Dia. (mm)	总长(不含钻头) Length Without Bit (mm)	重量 Weight (KG)	钻孔范围 Rec.Hole Size (mm)	工作压力 Working Pressure (Bar)	耗风量 Air Consumption (m³/min)
HP-QL80- 4 1/2" REG	4 1/2" REG	180	1294	≈186	203-305	10 18 24	12 25 30

钻头尾柄 Bit Shank		QL80 无尾管 (No Foot Valve)			
冲击器可配钻头	钻头头部结构	x"直径 Dia.(mm)"	边齿数 * 尺寸 Button No. * size (mm)	单重 Weight (Kg)	钻头件号 Bits Part No.
	 平面型 Flat 球头齿 spherical	203	10 × Φ18	45.5	QL8-F10-203A
		216	10 × Φ18	48.5	QL8-F10-216A
		219	10 × Φ18	49	QL8-F10-219A
		225	10 × Φ18	51	QL8-F10-225A
		235	12 × Φ18	51.5	QL8-F12-235A
		241	12 × Φ18	52	QL8-F12-241A
		254	12 × Φ18	53.5	QL8-F12-254A
		270	12 * Φ18	54.5	QL8-F12-270A
		279	12 * Φ18	56	QL8-F12-279A
		292	12 * Φ18	66.5	QL8-F12-292A
	 凹面型 Convex 球头齿 Spherical	300	12 * Φ18	68	QL8-F12-300A
		305	12 * Φ18	68.5	QL8-F12-305A
		203	10 * Φ18	45.5	QL8-C10-203A
		216	10 * Φ18	48.5	QL8-C10-216A
		219	10 * Φ18	49	QL8-C10-219A
		225	10 * Φ18	51	QL8-C10-225A
		235	12 * Φ18	51.5	QL8-C12-235A
		241	12 * Φ18	52	QL8-C12-241A
		254	12 * Φ18	53	QL8-C12-254A
		270	12 * Φ18	54.5	QL8-C12-270A
	 凹面型 Convex 弹头齿 Ballistic	279	12 * Φ18	56	QL8-C12-279A
		292	12 * Φ18	66	QL8-C12-292A
		300	12 * Φ18	68	QL8-C12-300A
		305	12 * Φ18	68.5	QL8-C12-305A

潜孔冲击器 DTH HAMMER HDH3.5

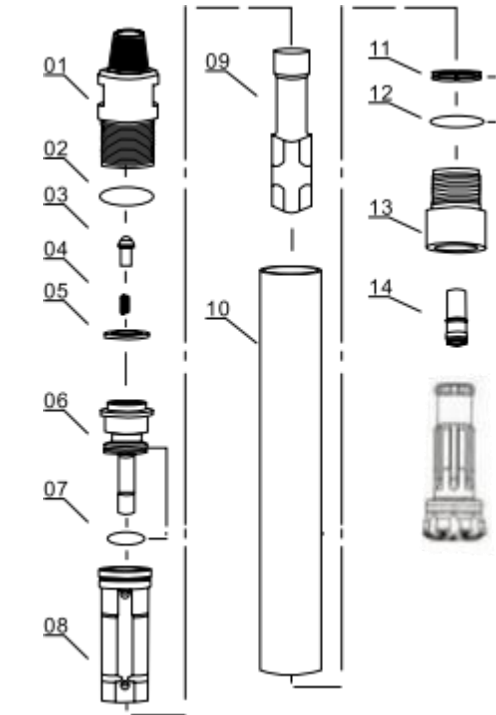


序号	部件	Replacement Parts	单重 weight (KG)	件号 Part No.
1	上接头	Top Sub: API 2" REG	4.8	HDH3.5-1
2	O型圈	O-Ring	0.01	HDH3.5-2
3	逆止阀	Check Valve Dart	0.15	HDH3.5-3
4	弹簧	Spring	0.02	HDH3.5-4
5	承压垫	Compression Buffer	0.02	HDH3.5-5
6	配气座	Rigid Valve	1.7	HDH3.5-6
7	O型圈	O-Ring	0.01	HDH3.5-7
8	内缸	Internal Cylinder	1.6	HDH3.5-8
9	活塞	Piston	5.1	HDH3.5-9
10	外缸	Outer Cylinder	10.2	HDH3.5-10
11	卡环	Bit Retainer Ring	0.14	HDH3.5-11
12	O型圈	O-Ring	0.01	HDH3.5-12
13	下接头	Driver Sub	1.7	HDH3.5-13
14	尾管	Foot Valve	0.04	HDH3.5-14

产品名称 Description	API 螺纹 Thread Connection	外径 Outside Dia. (mm)	总长(不含钻头) Length Without Bit (mm)	重量 Weight (KG)	钻孔范围 Rec.Hole Size (mm)	工作压力 Working Pressure (Bar)	耗风量 Air Consumption (m³/min)
HP-HDH 3.5- 2 3/8" REG	2 3/8" REG	80	905	≈25	90-105	10 18 24	4.8 6.8 12.6

钻头尾柄 Bit Shank		DHD 3.5			
冲击器可配钻头	钻头头部结构	x直径 Dia.(mm)	边齿数 * 尺寸 Button No. * size (mm)	单重 Weight (Kg)	钻头件号 Bits Part No.
	 平面型 Flat 球头齿 spherical	90	6 × Φ14	5.2	HDH3.5-F6-90A
		95	6 × Φ14	5.5	HDH3.5-F6-95A
		90	7 ■ ●13	5.1	HDH3.5-F7-90A
		95	7 ■ ●13	5.3	HDH3.5-F7-95A
		100	7 ■ ●14	5.6	HDH3.5-F7-100A
		105	7 ■ ●14	6	HDH3.5-F7-105A
		90	7 ■ ●13	5.1	HDH3.5-F7-90A
		95	7 ■ ●13	5.3	HDH3.5-F7-95A
		100	7 ■ ●14	5.6	HDH3.5-F7-100A
		105	7 ■ ●14	6	HDH3.5-F7-105A

潜孔冲击器 DTH HAMMER HDH340

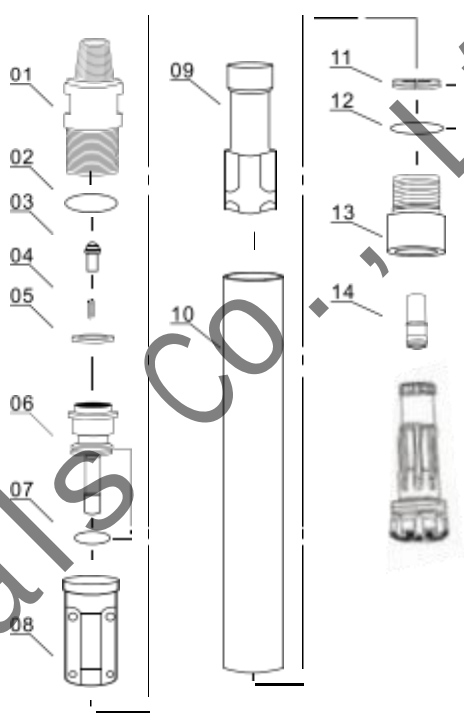


序号	部件	Replacement Parts	单重 Weight (KG)	件号 Part No.
1	上接头	Top Sub: API 2 - " REG	7	HDH340-1
2	O型圈	O-Ring	0.01	HDH340-2
3	逆止阀	Check Valve Dart	0.3	HDH340-3
4	弹簧	Spring	0.05	HDH340-4
5	承压垫	Compression Buffer	0.05	HDH340-5
6	配气座	Rigid Valve	2.4	HDH340-6
7	O型圈	O-Ring	0.01	HDH340-7
8	内缸	Internal Cylinder	2.4	HDH340-8
9	活塞	Piston	8.8	HDH340-9
10	外缸	Outer Cylinder	17.1	HDH340-10
11	卡环	Bit Retainer Ring	0.34	HDH340-11
12	O型圈	O-Ring	0.01	HDH340-12
13	下接头	Driver Sub	4	HDH340-13
14	尾管	Foot Valve	0.04	HDH340-14

产品名称 Description	API 螺纹 Thread Connection	外径 Outside Dia. (mm)	总长(不含钻头) Length Without Bit (mm)	重量 Weight (KG)	钻孔范围 Rec.Hole Size (mm)	工作风压 Working Pressure (Bar)	耗风量 Air Consumption (m³/min)
HP-HDH 340- 2 3/8 " REG	2 3/8 " REG	99	975	≈42	110-130	10 18 24	6 8 15

钻头尾柄 Bit Shank		DHD 340A、COP44			
冲击器可配钻头	钻头头部结构	x"直径 Dia.(mm)"	边齿数 × 尺寸 Buttn.No. × size (mm)	单重 Weight (Kg)	钻头件号 Bits Part No.
	平面型 Flat	108	7 × Φ14	9.5	HDH340-F7-108A
		115	6 × Φ16	10	HDH340-F6-115A
		115	8 × Φ14	10	HDH340-F8-115A
		125	7 × Φ16	11	HDH340-F7-125A
		130	8 × Φ16	12.5	HDH340-F8-130A
		108	7 × Φ14	9.5	HDH340-F7-108A
	球头齿 spherical	115	6 × Φ16	10	HDH340-F6-115A
		115	8 × Φ14	10	HDH340-F8-115A
		125	7 × Φ16	11	HDH340-F7-125A
		130	8 × Φ16	12.5	HDH340-F8-130A
		108	7 × Φ14	9.5	HDH340-F7-108A
		115	6 × Φ16	10	HDH340-F6-115A
	凹面型 Convex	108	7 × Φ14	9.5	HDH340-V7-108B
		115	8 × Φ14	10	HDH340-V8-115B
		125	7 × Φ16	11	HDH340-V7-125B
		130	8 × Φ16	12.5	HDH340-V8-130B
	弹头齿 Ballistic	108	7 × Φ14	9.5	HDH340-V7-108B
		115	8 × Φ14	10	HDH340-V8-115B
		125	7 × Φ16	11	HDH340-V7-125B
		130	8 × Φ16	12.5	HDH340-V8-130B

潜孔冲击器 DTH HAMMER HDH350

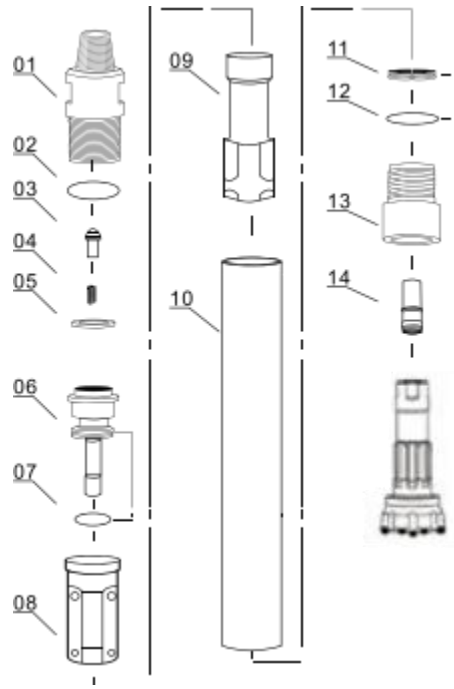


序号	部件	Replacement Parts	单重 Weight (KG)	件号 Part No.
1	上接头	Top Sub: API 2 3/8 " REG	12.6	HDH350-1A
		Top Sub: API 3 1/2 " REG	12.8	HDH350-1B
2	O型圈	O-Ring	0.01	HDH350-2
3	逆止阀	Check Valve Dart	0.3	HDH350-3
4	弹簧	Spring	0.05	HDH350-4
5	承压垫	Compression Buffer	0.08	HDH350-5
6	配气座	Rigid Valve	4.3	HDH350-6
7	O型圈	O-Ring	0.01	HDH350-7
8	内缸	Internal Cylinder	4.1	HDH350-8
9	活塞	Piston	14.5	HDH350-9
10	外缸	Outer Cylinder	26	HDH350-10
11	卡环	Bit Retainer Ring	0.34	HDH350-11
12	O型圈	O-Ring	0.01	HDH350-12
13	下接头	Driver Sub	6.9	HDH350-13
14	尾管	Foot Valve	0.05	HDH350-14

产品名称 Description	API 螺纹 Thread Connection	外径 Outside Dia. (mm)	总长(不含钻头) Length Without Bit (mm)	重量 Weight (KG)	钻孔范围 Rec.Hole Size (mm)	工作风压 Working Pressure (Bar)	耗风量 Air Consumption (m³/min)
HP-HDH 350- 2 3/8 " REG	2 3/8 " REG	126	1118	≈70	134-152	10 18 24	8.7 16.8 23

钻头尾柄 Bit Shank		DHD 350R、COP54			
冲击器可配钻头	钻头头部结构	x"直径 Dia.(mm)	边齿数 × 尺寸 Buttn.No. × size (mm)	单重 Weight (Kg)	钻头件号 Bits Part No.
	平面型 Flat	134	7 × Φ16	14.5	HDH350-F7-134A
		140	7 × Φ18	17	HDH350-F7-140A
		140	8 × Φ17	17	HDH350-F8-140A
		148	8 × Φ17	17.5	HDH350-F8-148A
		152	8 × Φ17	18	HDH350-F8-152A
		134	7 × Φ16	14.5	HDH350-F7-134A
	球头齿 spherical	140	7 × Φ18	17	HDH350-F7-140A
		140	8 × Φ17	17	HDH350-C8-140A
		148	8 × Φ17	17.5	HDH350-C7-148A
		152	8 × Φ17	18	HDH350-C8-152A
		134	7 × Φ16	14.5	HDH350-V7-134B
		140	8 × Φ17	17	HDH350-V8-140B
	凹面型 Convex	148	8 × Φ17	17.5	HDH350-V8-148B
		152	8 × Φ17	18	HDH350-V8-152B
	弹头齿 Ballistic	134	7 × Φ16	14.5	HDH350-V7-134B
		140	8 × Φ17	17	HDH350-V8-140B
		148	8 × Φ17	17.5	HDH350-V8-148B
		152	8 × Φ17	18	HDH350-V8-152B

潜孔冲击器 DTH HAMMER HDH360

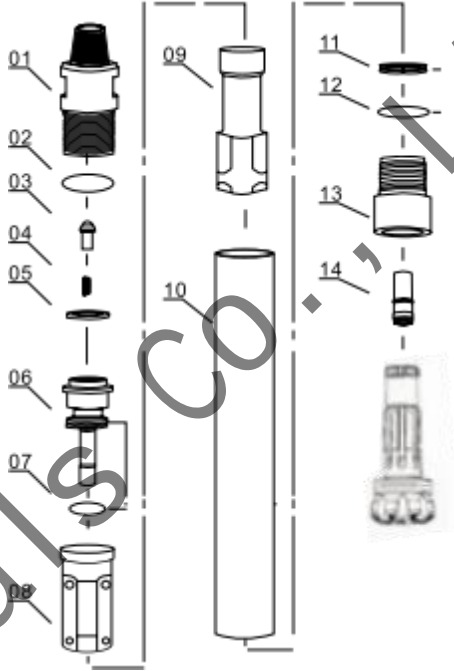


序号	部件	Replacement Parts	单重 Weight (KG)	件号 Part No.
1	上接头	Top Sub: API 3 1/2" REG	19.8	HDH360-1
2	O型圈	O-Ring	0.01	HDH360-2
3	逆止阀	Check Valve Dart	0.3	HDH360-3
4	弹簧	Spring	0.08	HDH360-4
5	承压垫	Compression Buffer	0.08	HDH360-5
6	配气座	Rigid Valve	6.1	HDH360-6
7	O型圈	O-Ring	0.01	HDH360-7
8	内缸	Internal Cylinder	5.3	HDH360-8
9	活塞	Piston	22.2	HDH360-9
10	外缸	Outer Cylinder	44.5	HDH360-10
11	卡环	Bit Retainer Ring	0.65	HDH360-11
12	O型圈	O-Ring	0.01	HDH360-12
13	保持套	Guide Sleeve	1.9	HDH360-13
14	尾管	Foot Valve	0.1	HDH360-14

产品名称 Description	API 螺纹 Thread Connection	外径 Outside Dia. (mm)	总长(不含钻头) Length Without Bit (mm)	重量 Weight (KG)	钻孔范围 Rec.Hole Size(mm)	工作风压 Working Pressure (Bar)	耗风量 Air Consumption (m³/min)
HP-HDH 360- 3 1/2" REG	3 1/2" REG	140	1277	≈102	152-254	10 18 24	10.5 20 27

钻头尾柄 Bit Shank		DHD 360、COP64			
冲击器可配钻头	钻头头部结构	x直径 Dia.(mm)	边齿数 × 尺寸 Button No. × size (mm)	单重 Weight (Kg)	钻头件号 Bits Part No.
		152	8 × Φ17	23	HDH360-F8-152A
		155	8 × Φ17	23.5	HDH360-F8-155A
		165	8 × Φ18	25.5	HDH360-F8-165A
		178	8 × Φ18	28.5	HDH360-F8-178A
		190	8 × Φ18	32	HDH360-F8-190A
		203	9 × Φ18	35	HDH360-F9-203A
		219	10 × Φ18	42	HDH360-F10-219A
		254	12 × Φ18	52	HDH360-F12-254A
		165	8 × Φ18	25.5	HDH360-C8-165A
		178	8 × Φ18	28.5	HDH360-C8-178A
		190	8 × Φ18	32	HDH360-C8-190A
		203	9 × Φ18	35	HDH360-C8-203A
		219	10 × Φ18	42	HDH360-C8-219A
		254	12 × Φ18	52	HDH360-C8-254A
		165	8 × Φ18	25.5	HDH360-C8-165A
		178	8 × Φ18	28.5	HDH360-C8-178A

潜孔冲击器 DTH HAMMER HDH380



序号	部件	Replacement Parts	单重 Weight (KG)	件号 Part No.
1	上接头	Top Sub: API 3 1/2" REG	44	HDH380-1
2	O型圈	O-Ring	0.05	HDH380-2
3	逆止阀	Check Valve Dart	0.6	HDH380-3
4	弹簧	Spring	0.25	HDH380-4
5	承压垫	Compression Buffer	0.2	HDH380-5
6	配气座	Rigid Valve	14.5	HDH380-6
7	O型圈	O-Ring	0.05	HDH380-7
8	内缸	Internal Cylinder	8.5	HDH380-8
9	活塞	Piston	41.5	HDH380-9
10	外缸	Outer Cylinder	63	HDH380-10
11	卡环	Bit Retainer Ring	1.3	HDH380-11
12	O型圈	O-Ring	0.05	HDH380-12
13	下接头	Driver Sub	18.5	HDH380-13
14	尾管	Foot Valve	0.1	HDH380-14

产品名称 Description	API 螺纹 Thread Connection	外径 Outside Dia. (mm)	总长(不含钻头) Length Without Bit (mm)	重量 Weight (KG)	钻孔范围 Rec.Hole Size(mm)	工作风压 Working Pressure (Bar)	耗风量 Air Consumption (m³/min)
HP-HDH 380- 3 1/2" REG	3 1/2" REG	180	1355	≈194	152-254	10 18 24	12 24 30

钻头尾柄 Bit Shank		DHD 380			
冲击器可配钻头	钻头头部结构	x直径 Dia.(mm)	边齿数 × 尺寸 Button No. × size (mm)	单重 Weight (Kg)	钻头件号 Bits Part No.
		203	10 × Φ18	45.5	HDH380-F10-203A
		216	10 × Φ18	48.5	HDH380-F10-216A
		219	10 × Φ18	49	HDH380-F10-219A
		225	10 × Φ18	51	HDH380-F10-225A
		235	12 × Φ18	51.5	HDH380-F12-235A
		241	12 × Φ18	52	HDH380-F12-241A
		254	12 × Φ18	53	HDH380-F12-254A
		270	12 × Φ18	54.5	HDH380-F12-270A
		279	12 × Φ18	56	HDH380-F12-279A
		292	12 × Φ18	66	HDH380-F12-292A
		300	12 × Φ18	67.5	HDH380-F12-300A
		305	12 × Φ18	68.5	HDH380-F12-305A
		203	10 × Φ18	45.5	HDH380-C10-203A
		216	10 × Φ18	48.5	HDH380-C10-216A
		219	10 × Φ18	49	HDH380-C10-219A
		225	10 × Φ18	51	HDH380-C10-225A
		235	12 × Φ18	51.5	HDH380-C12-235A
		241	12 × Φ18	52	HDH380-C12-241A
		254	12 × Φ18	53	HDH380-C12-254A
		270	12 × Φ18	54.5	HDH380-C12-270A
		279	12 × Φ18	56	HDH380-C12-279A
		292	12 × Φ18	66	HDH380-C12-292A
		300	12 × Φ18	68	HDH380-C12-300A
		305	12 × Φ18	68.5	HDH380-C12-305A

BITS 钻头

27-39

DTH BITS
潜孔钻头

28

THREADED BUTTON BITS
螺纹连接钻头

33

RETRAC THREADED BUTTON BITS
易返式钻头

37

潜孔钻头 DTH BITS

设计理念与产品优势

我们生产的潜孔钻头是由优质镍合金钢和钼合金钢生产，增强了钻头的耐用性和耐磨性。专业的热处理标准和严谨、精密的生产流程保证了产品性能的一致性。

Design principles and Advantages of our product

Our DTH bits are produced from premium quality Nickel-alloy steel or Molybdenum-alloy steel for increased durability and wear characteristics. Specific heat treatment standards and strict production process ensure consistent performance.



潜孔钻头 -DTH BITS



钻头头部结构 Bit Face	
头部形状 Face shape	适应岩石 Application



凸面式 convex Face	平面式 Flat Face	凹面式 concave Face	中心下陷式 Drop center Face
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合金齿类型 Carbide Button Shape			
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球齿 spherical	弹齿 semi-ballistic	抛物线齿 Ballistic	楔形齿 conical
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潜孔钻头 -DTH BITS



2.5英寸高压潜孔冲击器钻头 DTH Bits for 3.5" Hammer	钻头直径 Bit Dia.(mm)	合金齿数量Qty.*Button Dia.(mm)		排气孔数量 Qty. Air Holes	重量weight (KG)
		边齿Outer	中齿Front		
	76	6×14	4×12	2	3.8
	80	6×14	4×12	2	4.3
	85	6×14	4×12	2	4.5
	90	6×14	4×13	2	4.8

3.5英寸高压潜孔冲击器钻头 DTH Bits for 3.5" Hammer	钻头直径 Bit Dia.(mm)	合金齿数量Qty.*Button Dia.(mm)		排气孔数量 Qty. Air Holes	重量weight (KG)
		边齿Outer	中齿Front		
	85	6×14	4×12		4.8
	90	6×14	4×13		4.9
	95	6×14	4×13		5.2
	100	6×14	5×13		5.8
	102	6×14	5×13		5.9
	105	6×14	5×13		6.2
	115	8×14	7×13		6.7
	125	8×14	7×13		7.2

潜孔钻头 DTH BITS



4英寸高压潜孔冲击器钻头 DTH Bits for 4" Hammer	钻头直径 Bit Dia.(mm)	合金齿数量Qty.*Button Dia.(mm)		排气孔数量 Qty. Air Holes	重量weight (KG)
		边齿Outer	中齿Front		
	105	7×14	6×13		8
	110	8×14	6×13		8.6
	115	8×14	7×13		9
	125	8×14	7×13		9.5
	130	8×14	7×13		10.1
	135	8×16	7×14		10.8
	138	8×16	8×14		11.7
	150	8×16	8×14		11.6

5英寸高压潜孔冲击器钻头 DTH Bits for 4" Hammer	钻头直径 Bit Dia.(mm)	合金齿数量Qty.*Button Dia.(mm)		排气孔数量 Qty. Air Holes	重量weight (KG)
		边齿Outer	中齿Front		
	135	7×18	7×14	2	15
	140	8×16	9×14	2	15.5
	146	8×18	8×14	2	15.7
	150	8×16	9×14	2	15.8
	155	8×18	8×14	2	16.4
	160	8×16	8×16	2	17.1
	165	8×18	8×16	2	17.7
	178	8×19	10×16	2	20.7

潜孔钻头 DTH BITS



6英寸高压潜孔冲击器钻头 DTH Bits for 6" Hammer	钻头直径 Bit Dia.(mm)	合金齿数量Qty.*Button Dia.(mm)		排气孔数量 Qty. Air Holes	重量weight (KG)
		边齿Outer	中齿Front		
	152	8×16	4×16+4×14	2	23.2
	165	8×18	4×18+5×16	2	24
	172	8×18	4×18+4×16	2	25
	178	9×18	5×18+5×16	3	26
	185	8×19	5×19+5×16	2	26.5
	190	10×18	5×16+5×16	2	29.2
	195	10×18	5×18+5×16	2	30
	204	10×18	6×18+7×16	2	32.5

8英寸高压潜孔冲击器钻头 DTH Bits for 8" Hammer	钻头直径 Bit Dia.(mm)	合金齿数量Qty.*Button Dia.(mm)		排气孔数量 Qty. Air Holes	重量weight (KG)
		边齿Outer	中齿Front		
	199	10×18	6×18+7×16	2	40
	203	10×18	6×18+7×16	2	41
	210	10×18	6×18+8×16	2	42
	216	10×18	6×18+7×16	2	43
	220	10×18	6×18+7×16	3	44
	225	10×18	6×18+10×16	2	45
	235	10×18	6×18+9×16	2	55
	240	10×18	6×18+9×16	2	60

8英寸高压潜孔冲击器钻头 DTH Bits for 8" Hammer	钻头直径 Bit Dia.(mm)	合金齿数量Qty.*Button Dia.(mm)		排气孔数量 Qty. Air Holes	重量weight (KG)
		边齿Outer	中齿Front		
	242	10×18	6×18+9×16	2	75
	254	12×18	12×18+9×16	2	80
	280	12×18	12×18+11×16	2	100
	305	14×18	14×18+11×16	2	110
	313	14×18	16×18+12×16	3	112
	320	14×18	16×18+13×16	2	115
	330	14×18	16×18+13×16	2	120
	350	16×18	16×18+17×16	2	125

螺纹连接钻头 THREADED BUTTON BITS

设计理念与产品优势

我们的螺纹连接钻头能够在任何岩层，满足不同的钻探要求。

楔形齿螺纹连接钻头在全国只有少数几家生产商能生产，我们是其中一家。

根据不同的岩石的凿岩需求，我们能为客户单独设计，同时也是最优良的品质与最优惠的价格。比如：使用不同种类的合金齿。

无论是什么软岩岩层，松散介质的岩石，坚硬的岩石和任何其他特殊情况，只要告诉我们您具体需要什么，下单给我们，我们会马上跟进。我们的特别定制服务正在等待您的需求。



Design principles and Advantages of our product

Our threaded button bits can meet different drilling requirements in all rock formations.

Threaded button bits with Conical button could be produced by only two or three manufactures in China, and we are the one of them.

According to different drilling requirements in different rock formations, we have special designs for customers with good quality and good price, such as: different types of buttons.

No matter what kinds of rock-Soft rock, loose-medium rock, hard rock and any other special formations, just tell us what you need and leave others at our disposal, we will handle the following, and our special tailored service is waiting for you upon your demand.

螺纹连接钻头 THREADED BUTTON BITS



钻头头部结构 Bit Face		
头部形状 Face shape	适应岩石 Application	
		
凸面式 convex Face	平面式 Flat Face	中心下陷式 Drop center Face

合金齿类型 Carbide Button Shape			
			
球齿 spherical	抛物线齿 Ballistic	弹齿 semi-ballistic	楔形齿 conica l

螺纹连接钻头 THREADED BUTTON BITS



R28 (1")	杆头直径 Diameter		Button(mm) 合金齿			水孔数量 Flushing Holes		重量 Weight	产品代码 Part No.
	mm 毫米	in. 英寸	边齿Gauge Qty.*Dia.	芯齿Front Qty.*Dia.	类型Type	正面Front	侧面Side	KG 千克	
	45	1¼"	6×9	3×9	球齿 spherical	3	1	0.94	R28-45-6(AB/C)
					抛物线齿 Ballistic				
					弹齿 semi-ballistic				
					楔形齿 conical				

R32 (1¼")	杆头直径 Diameter		Button(mm) 合金齿			水孔数量 Flushing Holes		重量 Weight	产品代码 Part No.
	mm 毫米	in. 英寸	边齿Gauge Qty.*Dia.	芯齿Front Qty.*Dia.	类型Type	正面Front	侧面Side	KG 千克	
	45	1¾"	5×10	2×9	球齿 spherical	2×9		0.94	R32-45-5(AB/C/D)
	48	1⅞"	5×11	2×9	抛物线齿 Ballistic	2×9		0.98	R32-48-5(AB/C/D)
	51	2"	6×10	3×9	弹齿 semi-ballistic	3×9		1	R32-51-6(AB/C/D)
	57	2¼"	6×11	3×10	楔形齿 conical	3×10		1.3	R32-57-6(AB/C/D)
	70	2⅝"	5×12	4×10		4×10		1.9	R32-70-5(AB/C/D)
	76	3"	7×10	4×10		4×10		2.6	R32-76-7(AB/C/D)

R38 (1½")	杆头直径 Diameter		Button(mm) 合金齿			水孔数量 Flushing Holes		重量 Weight	产品代码 Part No.
	mm 毫米	in. 英寸	边齿Gauge Qty.*Dia.	芯齿Front Qty.*Dia.	类型Type	正面Front	侧面Side	KG 千克	
	76	3"	6×13	4×10	球齿 spherical	2	1	2.6	R38-76-6(AB/C/D)
	89	3½"	8×12	4x12+2x10	抛物线齿 Ballistic				
					弹齿 semi-ballistic				
					楔形齿 conical	4	2	4.3	R38-89-8(AB/C/D)

螺纹连接钻头 THREADED BUTTON BITS



T38 (1½")	杆头直径 Diameter		Button(mm) 合金齿			水孔数量 Flushing Holes		重量 Weight	产品代码 Part No.
	mm 毫米	in. 英寸	边齿Gauge Qty.*Dia.	芯齿Front Qty.*Dia.	类型Type	正面Front	侧面Side	KG 千克	
	76	3"	6×13	4×10	球齿 spherical	2	1	2.6	R38-76-6(AB/C/D)
	89	3½"	8×12	4x12+2x10	抛物线齿 Ballistic				
					弹齿 semi-ballistic				
					楔形齿 conical	4	2	4.3	R38-89-8(AB/C/D)

T45 (1¾")	杆头直径 Diameter		Button(mm) 合金齿			水孔数量 Flushing Holes		重量 Weight	产品代码 Part No.
	mm 毫米	in. 英寸	边齿Gauge Qty.*Dia.	芯齿Front Qty.*Dia.	类型Type	正面Front	侧面Side	KG 千克	
	76	3"	8×11	5×11	球齿 spherical	1	2	2.6	T45-76-8(AB/C/D)
	89	3½"	6×14	3×12+2×10	抛物线齿 Ballistic	3	—	4.6	T45-89-6(AB/C/D)
	102	4"	8×14	5×13	弹齿 semi-ballistic	3	1	5.6	T45-102-8(AB/C/D)
	110	4 ⅔"	7×14	5×13	楔形齿 conical	3	—	5.8	T45-110-7(AB/C/D)
	120	4¾"	8×14	7×13		2	1	6.2	T45-120-8(AB/C/D)
	127	5"	8×14	7×13		2	1	6.5	T45-127-8(AB/C/D)

T51 (2")	杆头直径 Diameter		Button(mm) 合金齿			水孔数量 Flushing Holes		重量 Weight	产品代码 Part No.
	mm 毫米	in. 英寸	边齿Gauge Qty.*Dia.	芯齿Front Qty.*Dia.	类型Type	正面Front	侧面Side	KG 千克	
	89	3½"	6×14	3×12+2×10	球齿 spherical	3	—	4.6	T51-89-6(AB/C/D)
	110	4 ⅔"	7×14	5×13	抛物线齿 Ballistic	3	—	5.8	T51-110-7(AB/C/D)
	115	4½"	8×14	7×13	弹齿 semi-ballistic	4	—	6	T51-115-8(AB/C/D)
	127	5"	8×14	7×13	楔形齿 conical	2	1	6.5	T51-127-8(AB/C/D)
	140	5½"	8×16	7×14		2	1	8.9	T51-140-8(AB/C/D)
	152	6"	8×16	8×14		2	1	10	T51-152-8(AB/C/D)

易返式钻头 RETRAC THREADED BUTTON BITS

设计理念与产品优势

Design principles and Advantages
of our product

易返式钻头 - RETRAC THREADED BUTTON BITS



	钻头直径 Dia.(mm)	螺纹规格 Thread Connection	合金齿 Button(mm)		水孔数量 Flushing Holes		重量 Weight KG/千克
			边齿Gauge Qty.*Dia.	芯齿Front Qty.*Dia.	正面Front	侧面Side	
	51	R32	4×11	2×9	1	2	1.00
	64	R32	6×12	3×11	3	1	1.70
	64	T38	6×12	3×10	1	2	1.70
	76	T38	7×12	4×10	3	1	3.00
	76	T45	8×11	5×11	4	—	3.00
	78	T38	8×11	6×11	4	—	3.10
	89	R32	8×12	6×11	4	—	3.50
	89	R38	8×12	6×11	4	—	3.50
	89	T45	8×12	6×11	4	—	3.50
	89	T51	8×12	6×11	4	—	4.50
	102	T45	8×14	6×13	4	—	5.50
	102	T51	8×14	6×13	4	—	5.50
	105	R38	8×14	6×13	4	—	4.50
	115	R38	8×14	7×13	4	—	4.80
	115	T51	8×14	7×13	4	—	4.80
	125	T38	8×14	8×13	4	—	5.50
	127	T51	8×14	8×13	4	—	6.50

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