



高耐磨 高耐扭的钻杆
RESISTANCE AND HIGH TORQUE KELLY BAR

企业简介

徐州恒兴金桥机械科技有限公司是国内专业从事旋挖机钻杆的研发、生产、销售、出口及服务为一体的国家高新技术企业。徐州恒兴金桥公司成立于2005年，经过十多年的拼搏与奋斗，目前已发展成为占地面积40000平方，厂房面积20000平方，员工近300人的现代化企业。

徐州恒兴金桥公司全力推行贯标工作，目前已拥有自主专利40余项，公司管理严格执行ISO9001标准，为行业内首家采用精细化流水线的专业制造商，所有产品均已通过欧盟CE认证。

徐州恒兴金桥机械有限公司旋挖机钻杆系列产品，在高铁，高架，高层建筑领域4000余套钻杆现场磨练及售后服务中积累了丰富的经验，不断总结及改进，始终保持高耐磨，高耐扭，经久耐用的产品特点。为不同施工工况的客户id提供整套的个性化解决方案。目前已具备为国内外所有旋挖钻机配套优质钻杆的能力。

18个国内办事处全国联保，售后服务体系完善，为客户提供全面、系统化的解决方案，努力打造桩机行业金牌服务。

十多年来恒兴金桥公司的产品、服务、信誉、和口碑得到国内5000余家施工单位和国际近50余国家的客商广泛认可与好评！

“用科技创新推动行业进步”是我们的使命！“客户第一，团队合作，拥抱变化，诚信，激情，敬业”是我们的企业核心价值观。

恒兴金桥公司未来十年的目标：“至少在五个国家开设分公司，至少完成10个细分行业的全球领跑！”

恒兴金桥公司愿景：“恒兴的忠实用户覆盖全球100个国家，2000个城市，让公司至少30%的员工成为股东”。

欢迎各界同仁莅临考察，指导工作！欢迎各界朋友，来江苏徐州观光旅游，共叙友谊！

COMPANY INTRODUCTION

Xuzhou Hengxing Jinqiao Machinery Technology Co., Ltd is a professional National high-tech enterprise for rotary drilling rig kelly bar with our own R&D, sales and service team.

Xuzhou Hengxing Jinqiao Machinery Technology Co.,Ltd was founded in 2005. Over more than ten years' development, it has grown into a modern company that with an area of 40,000 square meters, workshop area of 20,000 square meters and nearly 300 employees.

Xuzhou Hengxing Jinqiao Machinery Technology Co.,Ltd has fully implemented the standard work. As a professional company with 40 patents that first adopts lean-management, It strictly carries out ISO9001 standard and all of the products have got CE certificate.

Xuzhou Hengxing Jinqiao Construction machinery Co.,Ltd, The series of rotary drilling rig kelly bar has accumulated rich experience from high-speed train, elevated, high-rise building area of more than 4000 sets of kelly bar field training and after-sales service, constantly summarize and improve, keep high wear resistance, high resistance to twist, durable product features. To provide a complete set of different construction conditions of personalized solutions. Has had all the rotary drilling supporting the high quality kelly bar at home and abroad 18 domestic offices nationwide warranty, perfect after-sale service system! Provide customers with comprehensive and systematic solutions, and strive to build a gold medal service for the pile driver industry. For more than ten years, Hengxing Jinqiao's products, services, and reputation have been widely recognized and praised by more than 5,000 domestic construction companies and customers from nearly 50 countries.

"With scientific and technological innovation to promote industry progress" is our mission"Customer first, teamwork, embrace change, the good faith, passion, dedication" is our core values

HENGXING JINQIAO company's goal in the next decade, "Open branches in at least five countries, at least to complete 10 industry segment of the global leading"! HENGXING JINQIAO company's vision: "HENGXING loyal users covering 100 countries around the world, 2000 cities, make the company at least 30% of the employees to become shareholders!"

Welcome colleagues from all walks of life come to visit and guide the work! Welcome friends from all walks of life, to the Xuzhou Jiangsu province tourism, to renew friendship!



荣誉资质
HENGXING HONOR



团队展示
HENGXING HONOR

精英团队，人才强企！
公司秉承“团队合作、奋斗为本”的团队理念，
让人才在实践中成长和发展。
这是一个高素质、高学历、有梦想的团队。
我们不满足于现状，把握时代赋予的机遇与挑战。
精诚团结，顽强拼搏，以饱满的激情
为实现企业的发展目标和自己的人生价值而努力奋斗。
用满腔的热情和踏实的行动，共同谱写灿烂辉煌的明天。



技术/创新/诚信/发展
TECHNOLOGY INNOVATION HONESTY DEVELOPMENT










车间一角
ONE CORNER OF THE WORKSHOP

1. 抛丸工位
Shot Blasting Station
2. 机加线
Machining Line
3. 焊接工位
Welding Station
4. 自动焊接线
Automatic welding line
5. 喷漆工序
Spray painting
6. 成品仓库
Product warehouse



钻杆备件
SPARE PARTS OF KELLY - BAR

 橡胶减震垫 Damping rubber ring	 回转支承 Slewing bearing	 活动环 Protective ring	 变径方头 Kelly stub adapter	
 放水盘 Drain pallet	 驱动管 Terminal joint	 方头短节 Driver Stub Part	 减震弹簧 Damping spring	

高耐磨
HIGH WEAR 高耐扭的钻杆
RESISTANCE AND HIGH TORQUE KELLY BAR

钻杆的性能与特点

THE PERFORMANCE AND CHARACTERISTICS OF KELLY BAR

1. 采用国际上先进的六键式键型分布技术，标准模块化设计。
2. 采用先进的加工设备、加工工艺及工装制造，为众多品牌钻机匹配多套钻杆。目前已配套使用我公司钻杆的钻机有徐工、三一、福田、奥盛特、恒天九五、山河智能、宇通、中联、金泰、宝峨、士力、卡萨、迈特等系列钻机。
3. 整套钻杆重量轻、强度高，单节钻杆直线度高，管壁薄、管间间隙小，牙板耐磨性好。极大的满足了钻机对钻杆的特殊要求。
4. 采用特殊定制的国产优质合金结构无缝钢管制造，也可根据用户要求选用德国进口高强无缝钢管。国产材料中，管材全部是特殊订制的合金材料无缝管，保证了尺寸精度、位置误差、力学性能以及良好的焊接性小直径管采用合金液压柱管，并进行了特殊的二次热处理，强度可达到800MPa以上。
5. 合金钢制作的外牙，全部经过特殊热处理后，同时具有高硬度、高韧性和良好的焊接性能，大大提高了牙板耐磨性，从而降低了钻杆使用的故障率和保养费用。
6. 钻杆有摩擦式、机械式和组合式，长度根据用户实际需要并结合钻机参数确定。不同的扭矩可以与大小、吨位不同的旋挖钻机匹配，外径系列和扭矩系列可任意组合，吊耳和方头有多种连接型式可供用户选择。
7. 材料规格齐全，可为国内保有的任何一型国产或进口钻机配套钻杆，钻杆均为全扭矩使用，最大钻深可达100米以上。
8. 长期维修多种钻杆，具有丰富的钻杆现场维修服务经验，现场维修速度快。

1. Adoption of advanced international six-key type distribution technology and standard modular design.
2. Adopt advanced processing equipment, processing technic and tooling manufacturing. Now our Kelly bar has supported hydraulic rotary rigs like XCMG, Sany, Lovol, Osaint, CHTC, Jove, Sunward, Yutong, Zoomlion, Jintai, Bauer, Solimec, Casagrande, Maif, IMT etc.
3. The whole set of Kelly bar with light weight, high strength, high linearity of the single section, thin pipe wall, small seam between sections and good wear resistance of keys plate, it greatly satisfies the special requirements of rotary drilling machine.
4. Our Kelly bar is manufactured by seamless steel pipe which is specially customized by domestic high quality alloy, also it can be made by Germany imported high-strength seamless steel pipe as customers' requirements. All domestic materials are specially customized alloy seamless pipe to ensure the dimensional accuracy, position error, mechanical properties and good weldability. The small pipes use alloy hydraulic prop tube, with special secondary processing its strength can reach more than 800 Mpa.
5. The outer keys are made of alloy steel, which has high hardness, high toughness and good welding performance. And after special heat treatment, it greatly improves the wear resistance of keys to reduce the failure rate and maintenance cost of Kelly bar.
6. We have three types of Kelly bars, interlocking, frictional and combined. The length depends on customers' actual requirements or the digging machine's parameters. Kelly bar with different torques can be matched with rotary drilling rig of different models. Lifting lugs and square head has multiple connections ways available for users.
7. Complete material specifications ensure us to provide Kelly bar for any type of domestic or imported rotary drilling rig, all Kelly bars are full torque with maximum drilling depth of 100 meters.
8. Long-term maintenance of all kinds of Kelly bar, we have rich experience in on-site maintenance services.

“一站式”钻杆服务解决方案

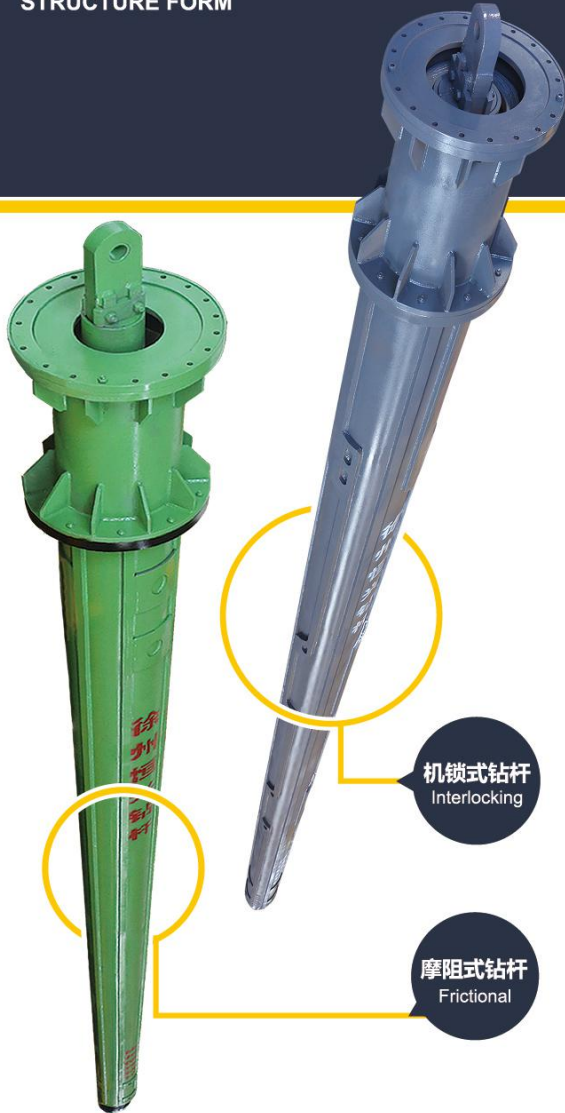
详细工艺技术介绍，请咨询销售工程师详细，我们会在第一现场为您服务。





钻杆的结构形式

STRUCTURE FORM



钻杆的规格

SPECIFICATION



恒兴机械部分常用规格钻杆型号 (ΦD- n*L)

序号	外径 (D) mm	节数 (n)	单节基本长度 (L) m	加压形式	参考钻深 (m)	可配套机型
1	299	3,4,5	9-14	机锁、摩擦	24-65	徐工、三一、福田、 奥盛特、恒天九五、山河智能、 宇通、中联、金泰、 宝峨、土力、迈特、 CMV、意马、卡萨诺蓝地、 日立、宝峨、利勃海尔
2	*340	3,4,5	9-14		24-65	
3	355	3,4,5	9-14		24-65	
4	377(*368)	3,4,5	9-14		24-65	
5	406(*394)	3,4,5	9-15		24-70	
6	*426(419)	3,4,5	9-15		24-70	
7	440	3,4,5,6	9-15		24-85	
8	470	3,4,5,6	9-16,5		24-91	
9	508	3,4,5,6	9-18		24-103	
10	530	3,4,5,6	9-20		24-114	
11	580(575)	3,4,5,6	9-24		24-138	
12	630	3,4,5,6	9-26		24-150	

Common Model of Kellybar

No	O.Dia. (D) mm	Sections (n)	Length(m)	Pressure form	Drilling depth (m)	Capable of supporting models
1	*299	3,4,5	9-14	Machine lock Friction	24-65	XCMG, SANY, LOVOL, OSAINTE, JOVE, SUNWARD, YUTONG, ZOOMLION, JINTAI, BAUER, SOILMEC, MAIT CMV, IMT, CASAGRANDE, HITACHI, BAUER, LIEBHERR
2	*340	3,4,5	9-14		24-65	
3	355	3,4,5	9-14		24-65	
4	377(*368)	3,4,5	9-14		24-65	
5	406(*394)	3,4,5	9-15		24-70	
6	*426(419)	3,4,5	9-15		24-70	
7	440	3,4,5,6	9-15		24-85	
8	470	3,4,5,6	9-16,5		24-91	
9	508	3,4,5,6	9-18		24-103	
10	530	3,4,5,6	9-20		24-114	
11	580(575)	3,4,5,6	9-24		24-138	
12	630	3,4,5,6	9-26		24-150	

机锁式钻杆

INTERLOCKING KELLY BAR



士力摩阻式钻杆

SOILMEC FRICTION KELLY BAR



宝峨式钻杆

BAUER KELLY BAR



意码式钻杆

IMT KELLY BAR



钻机配件



驱动套
 Drive Adaptor



驱动板
 Drive shell



滑轮
 Pulley



主卷扬减速机
 Main Winch Reducer



动力头减速机
 Rotary Head Reducer



动力头马达
 Rotary Head Motor



随动架
 Drive Adaptor



三脚架
 Tripod



桅杆转盘
 Rotary Table



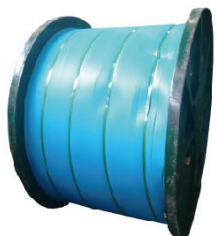
继电器模块
 RM(relay module)



接近开关
 Approach Switch



开关
 Switch



钢丝绳
 Steel Rope



漏斗
 Funnel



导管
 Duct



控制器
 Controller



倾角传感器
 Axis Sensor

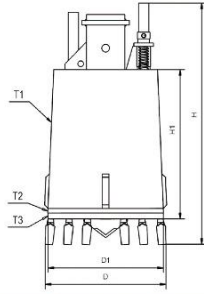
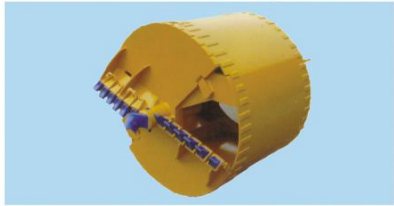


压力传感器
 Pressure Sensor

旋挖钻具 ROTARY DRILLING TOOLS

双底双开门斗齿旋挖斗 Double-cut Flat Drilling Bucket

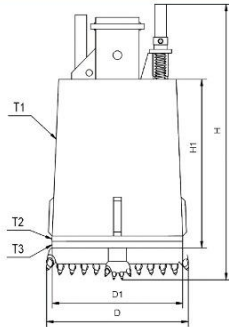
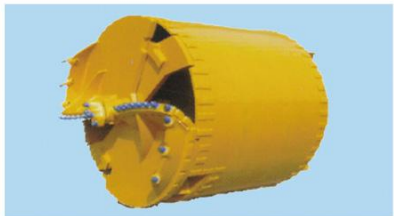
适应地层：土层、砂层、松散砂砾层
Main application: soft to stiff silt and clay, loose to medium dense sand and gravel.



直径(mm) Diameter (D)	筒体外径(mm) Bucket (D1)	钻头高度(mm) Height (H)	筒体高度 (mm) Bucket height (H1)	筒体壁厚 (mm) Bucket Thickness (T1)	底盘厚度 (mm) Base plate Thickness (T2)	切削盘厚度 (mm) Cutting plate thickness (T3)	斗齿数量 Flat teeth Number
Φ600	540	2000	1200	14	40	50	4
Φ800	700	2000	1200	14	40	50	4
Φ1000	900	2000	1200	16	40	50	6
Φ1200	1100	2000	1200	16	40	50	7
Φ1500	1400	2000	1200	16	40	50	9
Φ1800	1700	1800	1000	20	50	50	11
Φ2000	1900	1600	800	20	50	50	13
Φ2200	2100	1600	800	20	50	50	15
Φ2500	2400	1500	700	20	50	50	18
Φ3000	2900	1500	700	20	50	50	21

双底双开门截齿旋挖斗 Double-cut Rock Drilling Bucket

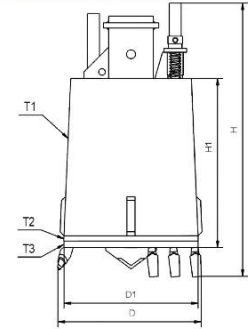
适应地层：致密砂层、胶结卵石层、中风化至强风化岩层
Main application: Dense sand, granvle and medium up to strength rock



直径(mm) Diameter (D)	筒体外径(mm) Bucket (D1)	钻头高度(mm) Height (H)	筒体高度 (mm) Bucket height (H1)	筒体壁厚 (mm) Bucket Thickness (T1)	底盘厚度 (mm) Base plate Thickness (T2)	切削盘厚度 (mm) Cutting plate thickness (T3)	截齿数量 Bullet teeth Number
Φ600	540	2000	1200	14	40	50	12
Φ800	700	2000	1200	14	40	50	14
Φ1000	900	2000	1200	16	40	50	20
Φ1200	1100	2000	1200	16	40	50	21
Φ1500	1400	2000	1200	16	40	50	24
Φ1800	1700	1800	1000	20	50	50	28
Φ2000	1900	1600	800	20	50	50	32
Φ2200	2100	1600	800	20	50	50	34
Φ2500	2400	1500	700	20	50	50	38
Φ3000	2900	1500	700	20	50	50	44

双底单开门斗齿旋挖斗 Single-cut Flat Drilling Bucket

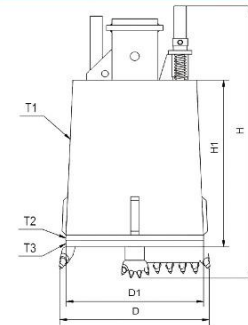
适应地层：土层、砂层、松散砂砾层
Main application: soft to stiff silt and clay, loose to medium dense sand and gravel.



直径(mm) Diameter (D)	筒体外径(mm) Bucket (D1)	钻头高度(mm) Height (H)	筒体高度 (mm) Bucket height (H1)	筒体壁厚 (mm) Bucket Thickness (T1)	底盘厚度 (mm) Base plate Thickness (T2)	切削盘厚度 (mm) Cutting plate thickness (T3)	斗齿数量 Flat teeth Number
Φ600	540	2000	1200	16	40	50	2
Φ800	700	2000	1200	16	40	50	3
Φ1000	900	2000	1200	16	40	50	4
Φ1200	1100	2000	1200	16	40	50	5
Φ1500	1400	2000	1200	16	40	50	6
Φ1800	1700	1800	1000	20	50	50	7
Φ2000	1900	1600	800	20	50	50	8
Φ2200	2100	1600	800	20	50	50	9
Φ2500	2400	1500	700	20	50	50	10
Φ3000	2900	1500	700	20	50	50	12

双底单开门截齿旋挖斗 Single-cut Rock Drilling Bucket

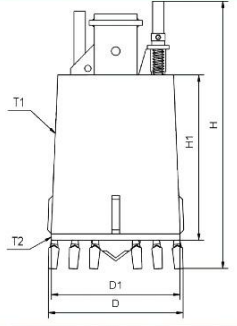
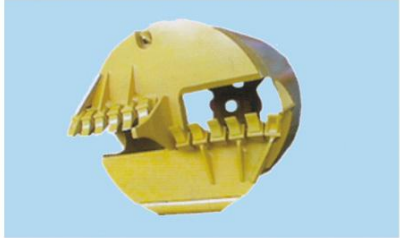
适应地层：致密砂层、胶结卵石层、中风化至弱风化岩层
Main application: Dense sand, granvle and medium up to weak rock



直径(mm) Diameter (D)	筒体外径(mm) Bucket (D1)	钻头高度(mm) Height (H)	筒体高度 (mm) Bucket height (H1)	筒体壁厚 (mm) Bucket Thickness (T1)	底盘厚度 (mm) Base plate Thickness (T2)	切削盘厚度 (mm) Cutting plate thickness (T3)	斗齿数量 Flat teeth Number
Φ600	540	2000	1200	16	40	50	5
Φ800	700	2000	1200	16	40	50	7
Φ1000	900	2000	1200	16	40	50	9
Φ1200	1100	2000	1200	16	40	50	10
Φ1500	1400	2000	1200	16	40	50	14
Φ1800	1700	1800	1000	20	50	50	16
Φ2000	1900	1600	800	20	50	50	17
Φ2200	2100	1600	800	20	50	50	18
Φ2500	2400	1500	700	20	50	50	20
Φ3000	2900	1500	700	20	50	50	23

单底双开门斗齿旋挖斗 Single-bottom flat drilling bucket

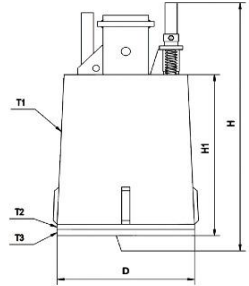
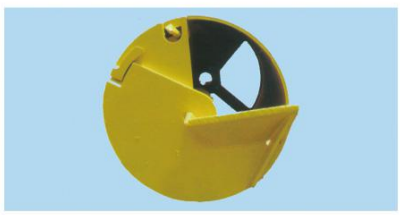
适应地层：粘土层或胶泥层
 Main application: clay and elastic mud soil



直径(mm) Diameter (D)	筒体外径(mm) Bucket (D1)	钻头高度(mm) Height (H)	筒体高度 (mm) Bucket height (H1)	筒体壁厚 (mm) Bucket Thickness (T1)	切削盘厚度 (mm) Cutting plate thickness (T2)	斗齿数量 Flat teeth Number
Φ600	540	2000	1200	14	50	4
Φ800	700	2000	1200	14	50	4
Φ1000	900	2000	1200	16	50	6
Φ1200	1100	2000	1200	16	50	7
Φ1500	1400	2000	1200	16	50	9
Φ1800	1700	1800	1000	20	50	11
Φ2000	1900	1600	800	20	50	13
Φ2200	2100	1600	800	20	50	15
Φ2500	2400	1500	700	20	50	18
Φ3000	2900	1500	700	20	50	21

清底旋挖斗 Cleaning Drilling Bucket

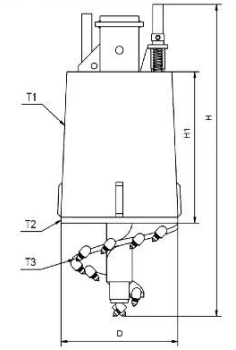
作用：清理桩底沉渣
 Main application: cleaning the bottom of the borehole a



直径(mm) Diameter (D)	筒体外径(mm) Bucket (D1)	钻头高度(mm) Height (H)	筒体高度 (mm) Bucket height (H1)	筒体壁厚 (mm) Bucket Thickness (T1)	底盘厚度 (mm) Base plate Thickness (T2)	切削盘厚度 (mm) Cutting plate thickness (T3)
Φ600	540	2000	1200	14	40	50
Φ800	700	2000	1200	14	40	50
Φ1000	900	2000	1200	16	40	50
Φ1200	1100	2000	1200	16	40	50
Φ1500	1400	2000	1200	16	40	50
Φ1800	1700	1800	1000	20	50	50
Φ2000	1900	1600	800	20	50	50
Φ2200	2100	1600	800	20	50	50
Φ2500	2400	1500	700	20	50	50
Φ3000	2900	1500	700	20	50	50

螺旋底旋挖斗 Bucket with auger bottom

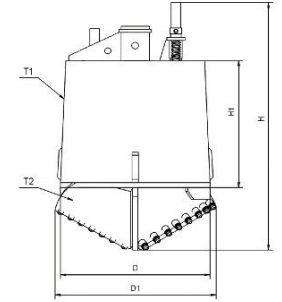
适应地层：胶结卵石层
 Main application: gravel



直径(mm) Diameter (D)	筒体外径(mm) Bucket (D1)	钻头高度(mm) Height (H)	筒体高度 (mm) Bucket height (H1)	筒体壁厚 (mm) Bucket Thickness (T1)	底盘厚度 (mm) Base plate Thickness (T2)	齿板厚度 (mm) Cutting plate thickness (T3)	截齿数量 Bullet teeth Number
Φ1000	900	2000	1200	16	40	50	15
Φ1200	1100	2000	1200	16	40	50	17
Φ1500	1400	2000	1200	16	40	50	20
Φ1800	1700	1800	1000	20	50	50	23
Φ2000	1900	1600	800	20	50	50	25
Φ2200	2100	1600	800	20	50	50	28
Φ2500	2400	1500	700	20	50	50	31
Φ3000	2900	1500	700	20	50	50	37

锥底旋挖斗 Bucket with cone bottom

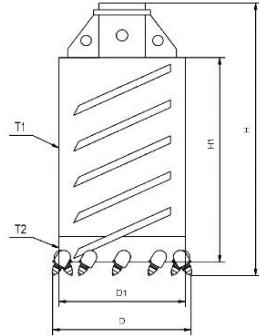
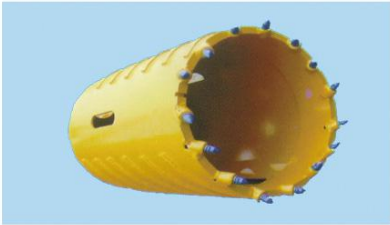
适应地层：泥岩，砂岩、卵石层
 Main application: Mudstone, sandstone, gravel



直径(mm) Diameter (D)	筒体外径(mm) Bucket (D1)	钻头高度(mm) Height (H)	筒体高度 (mm) Bucket height (H1)	筒体壁厚 (mm) Bucket Thickness (T1)	底盘厚度 (mm) Base plate Thickness (T2)	齿板厚度 (mm) Cutting plate thickness (T3)	截齿数量 Bullet teeth Number
Φ1000	900	2000	1200	16	40	50	15
Φ1200	1100	2000	1200	16	40	50	17
Φ1500	1400	2000	1200	16	40	50	20
Φ1800	1700	1800	1000	20	50	50	23
Φ2000	1900	1600	800	20	50	50	25
Φ2200	2100	1600	800	20	50	50	28
Φ2500	2400	1500	700	20	50	50	31
Φ3000	2900	1500	700	20	50	50	37

截齿筒钻 Core Barrel with Bullet teeth

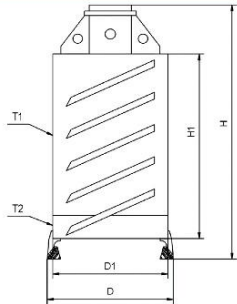
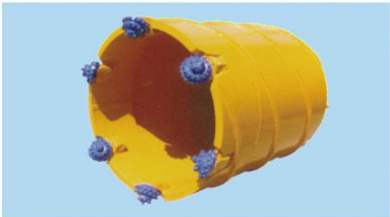
适应地层：胶结卵石层，漂石地层，中风化岩层
Main application: gravel ,boulder and medium mantle rock



直径(mm) Diameter (D)	筒体外径(mm) Bucket (D1)	钻头高度(mm) Height (H)	筒体高度 (mm) Bucket height (H1)	上筒壁厚 (mm) Upper Thickness (T1)	下筒壁厚 (mm) Lower thickness (T3)	截齿数量 Bullet teeth Number
Φ600	520	1620	1200	16	40	8
Φ800	720	1620	1200	16	40	8
Φ1000	920	1620	1200	16	40	12
Φ1200	1120	1620	1200	16	40	12
Φ1500	1420	1620	1200	16	40	16
Φ1800	1720	1620	1200	20	40	20
Φ2000	1920	1620	1200	20	40	24
Φ2200	2120	1620	1200	20	40	24
Φ2500	2420	1620	1200	20	40	28
Φ3000	2920	1620	1200	20	40	32

牙轮筒钻 Core Barrel with Roller-bit

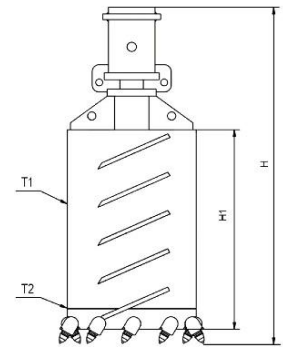
适应地层：岩石硬度40Mpa以上砂岩、灰岩、花岗岩地层
Main application: rock hardness above 40Mpa sandstone, rock and Granite



直径(mm) Diameter (D)	筒体外径(mm) Bucket (D1)	钻头高度(mm) Height (H)	筒体高度 (mm) Bucket height (H1)	上筒壁厚 (mm) Upper Thickness (T1)	下筒壁厚 (mm) Lower thickness (T3)	截齿数量 Bullet teeth Number
Φ600	500	1700	1200	16	40	4
Φ800	700	1700	1200	16	40	6
Φ1000	900	1700	1200	16	40	8
Φ1200	1100	1700	1200	16	40	10
Φ1500	1400	1700	1200	16	40	12
Φ1800	1700	1700	1200	20	40	14
Φ2000	1900	1700	1200	20	40	16
Φ2200	2100	1700	1200	20	40	18
Φ2500	2400	1700	1200	20	40	20
Φ3000	2900	1700	1200	20	40	22

抓取式筒钻 Grabbing style core barrel

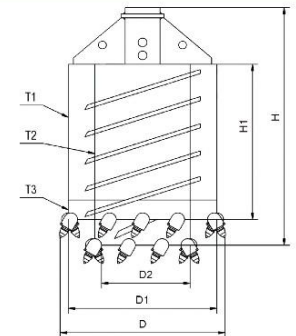
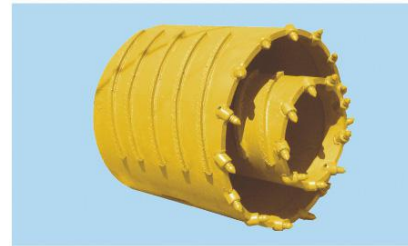
适应地层：大直径的卵石层、漂石层
Main application: gravel, boulders



直径(mm) Diameter (D)	筒体外径(mm) Bucket (D1)	钻头高度(mm) Height (H)	筒体高度 (mm) Bucket height (H1)	上筒壁厚 (mm) Upper Thickness (T1)	下筒壁厚 (mm) Lower thickness (T3)	截齿数量 Bullet teeth Number
Φ800	720	1950	1550	25	40	8
Φ1000	920	1950	1550	25	40	12
Φ1200	1120	1950	1550	25	40	12
Φ1500	1420	1950	1550	25	40	16
Φ1800	1720	1950	1550	25	40	20
Φ2000	1920	1950	1550	25	40	24
Φ2200	2120	1950	1550	25	40	24
Φ2500	2420	1950	1550	25	40	28
Φ3000	2920	1950	1550	25	40	32

双层筒钻 Double walled core barrel

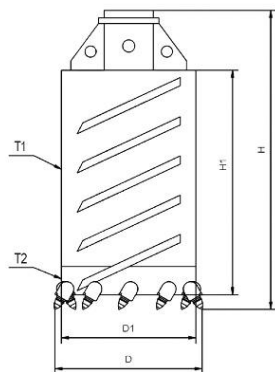
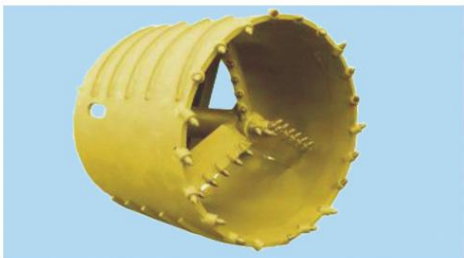
适应地层：回填层、强风化及中风化地层
Main application: Backfil, strength up to medium rock



直径(mm) Diameter (D)	筒体外径(mm) Bucket (D1)	钻头高度(mm) Height (H)	筒体高度 (mm) Bucket height (H1)	外筒壁厚 (mm) Bucket Thickness (T1)	内筒壁厚 (mm) Bucket Thickness (T2)	下筒壁厚 (mm) Lower thickness (T3)	截齿数量 Bullet teeth Number
Φ1500	1420	2000	1200	16	16	40	28
Φ1800	1720	2000	1200	20	20	40	28
Φ2000	1920	2000	1200	20	20	40	28
Φ2200	2120	2000	1200	20	20	40	28
Φ2500	2420	2000	1200	20	20	40	28
Φ3000	2920	2000	1200	20	20	40	28

三翼筒钻 Three wing core barrel

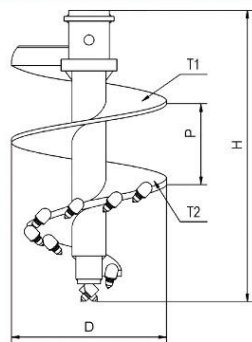
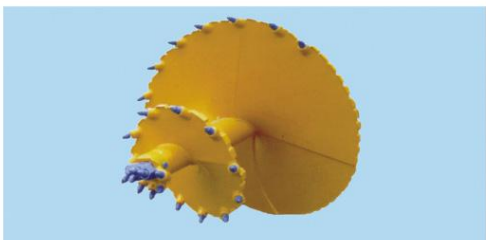
适应地层：漂石、强风化至中风化地层
Main application: boulders, strength up to medium rock



直径(mm) Diameter (D)	筒体外径(mm) Bucket (D1)	钻头高度(mm) Height (H)	筒体高度 (mm) Bucket height (H1)	筒体壁厚 (mm) Bucket Thickness (T1)	下圈厚度 (mm) Cutting plate thickness (T2)	截齿数量 Bullet teeth Number
Φ1500	1420	1720	1300	20	40	30
Φ1800	1720	1720	1300	25	40	36
Φ2000	1920	1720	1300	25	40	40
Φ2200	2120	1720	1300	25	40	46
Φ2500	2420	1720	1300	25	40	52
Φ3000	2920	1720	1300	25	40	58

单头单锥螺岩层螺旋钻头 Single cut Rock Auger

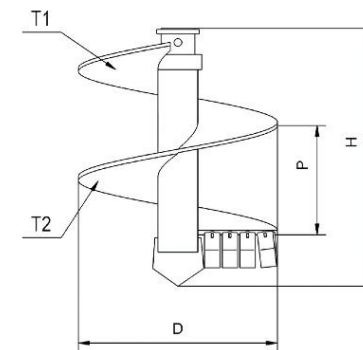
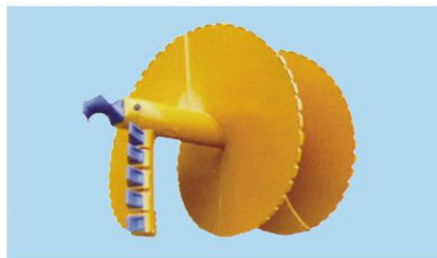
适应地层：致密砂层、胶结卵石层、
中风化至弱风化岩层
Main application: Dense sand, granule and medium up to weak rock



直径(mm) Diameter (D)	钻头高度 (mm) Height (H)	螺距 (mm) Pitch (P)	螺片厚度 (mm) Flight Thickness T (T1)	螺片厚度 (mm) Flight Thickness T (T2)	截齿数量 (mm) Bullet teeth Number
Φ600	1850	400	20	30	10
Φ800	1850	400	20	30	12
Φ1000	1850	500	20	30	13
Φ1200	1950	500	20	30	14
Φ1500	1950	500	30	40	16
Φ1800	2550	600	30	40	26
Φ2000	2550	600	30	40	30
Φ2200	2550	600	30	40	34
Φ2500	2550	600	30	40	44

单头单直螺土层螺旋钻头 Single cut Flat Auger

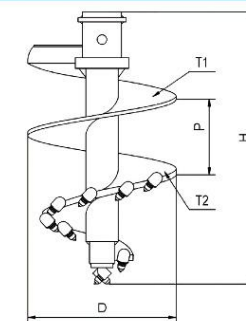
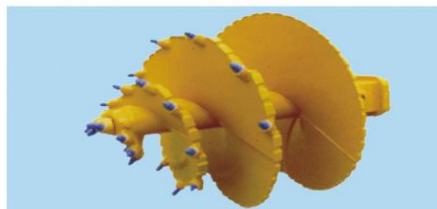
适应地层：土层、砂层、松散砂砾层
Main application: soft to stiff silt and clay, loose to medium dense sand and gravel.



直径(mm) Diameter (D)	钻头高度 (mm) Height (H)	螺距 (mm) Pitch (P)	螺片厚度 (mm) Flight Thickness T (T1)	螺片厚度 (mm) Flight Thickness T (T2)	斗齿数量 (mm) Flat teeth Number
Φ600	1850	400	20	30	2
Φ800	1850	400	20	30	2
Φ1000	1850	500	20	30	3
Φ1200	1950	500	20	30	4
Φ1500	1950	500	30	40	5
Φ1800	2550	600	30	40	7
Φ2000	2550	600	30	40	8
Φ2200	2550	600	30	40	9
Φ2500	2550	600	30	40	11

双头双锥螺岩层螺旋钻头 Double cut Rock Auger

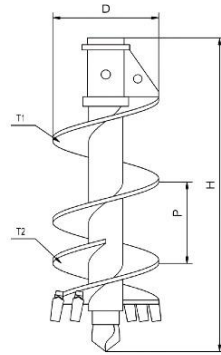
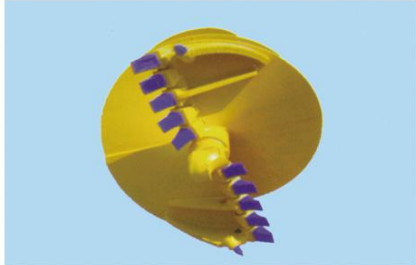
适应地层：致密砂层、胶结卵石层、
中风化至弱风化岩层
Main application: Dense sand, granule and medium up to weak rock



直径(mm) Diameter (D)	钻头高度 (mm) Height (H)	螺距 (mm) Pitch (P)	螺片厚度 (mm) Flight Thickness T (T1)	螺片厚度 (mm) Flight Thickness T (T2)	截齿数量 (mm) Bullet teeth Number
Φ600	1850	400	20	30	18
Φ800	1850	400	20	30	22
Φ1000	1850	500	20	30	24
Φ1200	1950	500	20	30	26
Φ1500	1950	500	30	40	31
Φ1800	2550	600	30	40	49
Φ2000	2550	600	30	40	57
Φ2200	2550	600	30	40	63
Φ2500	2550	600	30	40	69

双头单直螺土层螺旋钻头 Double cut Flat Auger

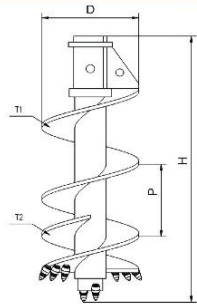
适应地层：土层、砂层、松散砂砾层
Main application: soft to stiff silt and clay, loose to medium dense sand and gravel.



直径(mm) Diameter (D)	钻头高度 (mm) Height (H)	螺距 (mm) Pitch (P)	螺片厚度 (mm) Flight Thickness T (T1)	螺片厚度 (mm) Flight Thickness T (T2)	斗齿数量 (mm) Flat teeth Number
Φ600	1850	400	20	30	4
Φ800	1850	400	20	30	4
Φ1000	1850	500	20	30	6
Φ1200	1950	500	20	30	8
Φ1500	1950	500	30	40	10
Φ1800	2550	600	30	40	14
Φ2000	2550	600	30	40	16
Φ2200	2550	600	30	40	18
Φ2500	2550	600	30	40	21

双头双直螺岩层螺旋钻头 Double cut Rock Auger

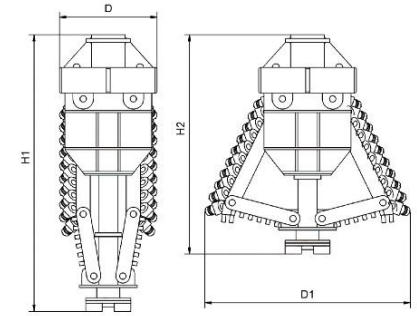
适应地层：致密砂层、胶结卵石层、
中风化至弱风化岩层
Main application: Dense sand, gravel and medium up to weak rock



直径(mm) Diameter (D)	钻头高度 (mm) Height (H)	螺距 (mm) Pitch (P)	螺片厚度 (mm) Flight Thickness T (T1)	螺片厚度 (mm) Flight Thickness T (T2)	截齿数量 (mm) Bullet teeth Number
Φ600	1850	400	20	30	8
Φ800	1850	400	20	30	10
Φ1000	1850	500	20	30	11
Φ1200	1950	500	20	30	13
Φ1500	1950	500	30	40	17
Φ1800	2550	600	30	40	20
Φ2000	2550	600	30	40	22
Φ2200	2550	600	30	40	24
Φ2500	2550	600	30	40	27

两翼扩底钻头 (岩层) Two wing Belling Bit

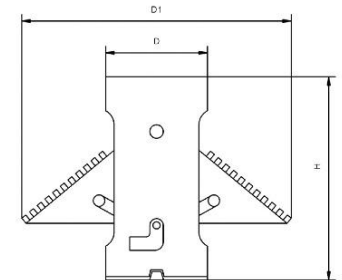
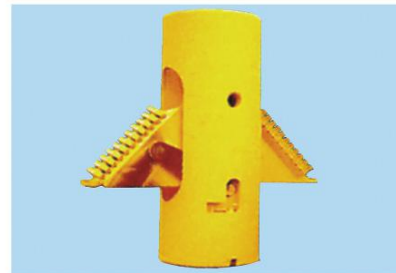
适应地层：土层、中风化岩层
Main application: soil, medium rock



规格 Size	直径 (mm) Diameter (D)	扩孔直径 (mm) Diameter (D1)	收回高度 (mm) Height (H1)	展开高度 (mm) Height (H2)
KD600	560	1200	1900	1550
KD800	760	1600	2160	1700
KD1000	960	2000	2650	1950
KD1200	1160	2400	3050	2050
KD1500	1460	3000	3600	2600
KD1800	1760	3600	3900	2650
KD2000	1960	4000	4200	2850

两翼扩底钻头 (土层) Two wing Belling Bit

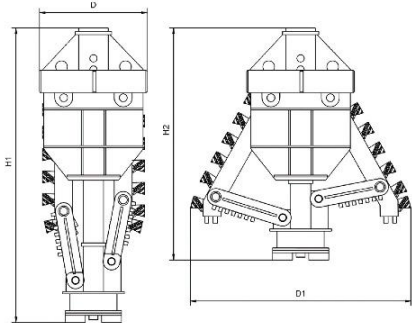
适应地层：用于煤矿通风孔
Main application: coal mine rents



规格 Size	直径 (mm) Diameter (D)	收回直径 (mm) Diameter (D1)	展开高度 (mm) Height (H1)
KD600	560	1200	1200
KD800	760	1600	1550
KD1000	960	2000	1900
KD1200	1160	2400	2250
KD1500	1460	3000	2900
KD1800	1760	3600	3500
KD2000	1960	4000	3800

两翼扩底钻头（牙轮） Two wing Belling Bit

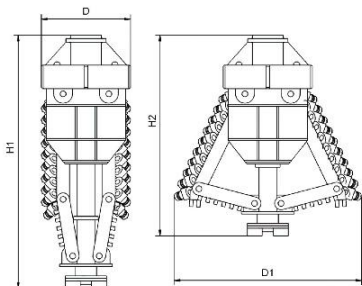
适应地层：中风化至弱风化岩层
Main application: medium up to weak rock



规格 Size	直径 (mm) Diameter (D)	扩孔直径 (mm) Diameter (D1)	收回高度 (mm) Height (H1)	展开高度 (mm) Height (H2)
KD600	560	1200	1900	1550
KD800	760	1600	2160	1700
KD1000	960	2000	2650	1950
KD1200	1160	2400	3050	2050
KD1500	1460	3000	3600	2600
KD1800	1760	3600	3900	2650
KD2000	1960	4000	4200	2850

三翼扩底钻头（岩石） Three wing Belling Bit

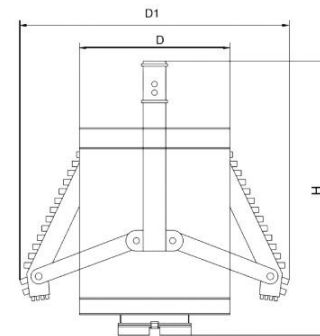
适应地层：土层、中风化岩层
Main application: soil, medium rock



规格 Size	直径 (mm) Diameter (D)	扩孔直径 (mm) Diameter (D1)	收回高度 (mm) Height (H1)	展开高度 (mm) Height (H2)
KD600	560	1200	1900	1550
KD800	760	1600	2160	1700
KD1000	960	2000	2650	1950
KD1200	1160	2400	3050	2050
KD1500	1460	3000	3600	2600
KD1800	1760	3600	3900	2650
KD2000	1960	4000	4200	2850

三翼扩底钻头（土层） Three wing Belling Bit

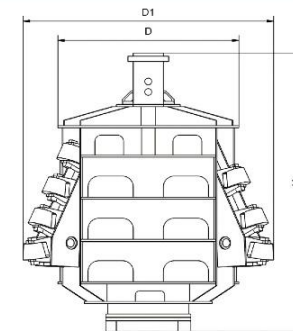
适应地层：土层、砂层、松散砂砾层
Main application: soft to stiff silt and clay, loose to medium dense sand and gravel.



规格 Size	直径 (mm) Diameter (D)	直径 (mm) Diameter (D1)	钻头高度 (mm) Height (H1)
KD1500	1460	3000	3600
KD1800	1760	3600	3900
KD2000	1960	4000	4200

三翼扩底钻头（滚刀） Three wing Belling Bit

适应地层：弱风化、花岗岩地层
Main application: weak rock, granite

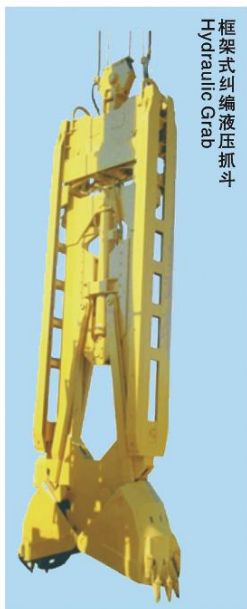


规格 Size	直径 (mm) Diameter (D)	直径 (mm) Diameter (D1)	钻头高度 (mm) Height (H1)
KD1500	1460	3000	3600
KD1800	1760	3600	3900
KD2000	1960	4000	4200

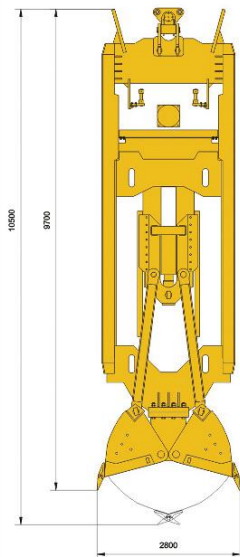
框架式纠偏液压抓斗 Hydraulic Grad

本系列抓斗是地下连续墙工程专用器具，工作装置导向部分采用框架式结构，导向架与导向体通过纠偏油缸实现 ±2° 的纠偏，由于框架式结构的导向部分很长，能够确保成槽精度。

This series of grab is a special underground continuous wall project Apparatus, device oriented part of the framework Type structure, the guide frame and guide through the rectification Ram ± 2° deviation, the frame type structure The guide part of the structure is very long, can ensure that the groove Precision.



框架式纠偏液压抓斗 Hydraulic Grad



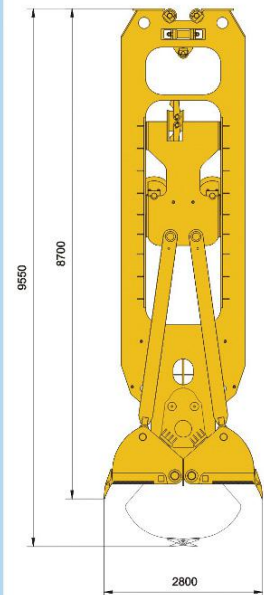
机械式绳索抓斗 (A型) Mechanical rope grab(AType)

机械式连续墙抓斗是与履带吊配合施工的地下连续墙器具，采用双钢丝绳设计，两根钢丝绳分别控制升降与开闭抓斗，适用于更加严峻复杂的地层施工，利用自重冲击抓取，可以完成更深的地下连续墙工程。成槽精度略低于液压抓斗。特别适用没有连续墙专用主机的施工单位。

The diaphragm wall grab machine is matched with the crawler crane The underground continuous wall construction of the instrument, using double steelWire rope design, two steel cables are respectively controlled lifting With the opening and closing of grab, suitable for more severe and complicated Stratum, using weight impact grab, can Underground continuous wall construction completed deeper. Into the groovePrecision is slightly lower than the hydraulic grab. Especially not Construction units continuous wall dedicated hosting.



机械式抓斗 Mechanical Grab



槽宽 Wall Width	mm	600	800	1000	1200	1500
纠偏调整 inclination adjusting		±2°	±2°	±2°	±2°	±2°
液压压力 hydraulic pressure	Bar	320	320	320	320	320
闭合力 closing force	KN	1000	1000	1000	1000	1000
闭斗/开斗时间 Closing/opening time	Sec	8/5	8/5	8/5	8/5	8/5
最大抓宽 Open shell width(sex)	Mm	2800	2800	2800	2800	2800
容积 Capacity	L	850	1200	1500	1900	2300
重量 (轻型) Grad weight (Light)	Kg	14000	15500	17200	18500	21000
重量 (重型) Grad weight (Heavy)	Kg	19000	22000	23000	25000	27000

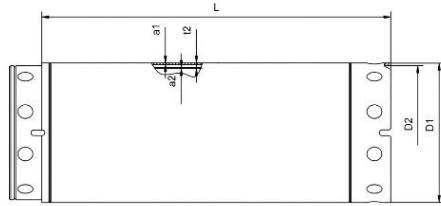
槽宽 Wall Width	mm	600	800	1000	1200	1500
滑轮数量 Pulley number	Piece	6	6	6	6	6
闭合力 closing force	KN	1100	1100	1100	1100	1100
闭斗/开斗时间 Closing/opening time	Sec	8/5	8/5	8/5	8/5	8/5
最大抓宽 Open shell width(sex)	Mm	2800	2800	2800	2800	2800
容积 Capacity	L	850	1200	1500	1900	2300
重量 (轻型) Grad weight (Light)	Kg	13000	14000	15000	16000	18000
重量 (重型) Grad weight (Heavy)	Kg	19000	20000	21500	23000	25000

全护筒施工设备 CASING

双壁全护筒套管 Double-walled casing

产品介绍

套管由套管接头和管体两部分组成，能有效防止孔壁坍塌，套管接头由公接头和母接头组成，每对接头都要保证互换性，以便于快速连接，通常情况下我们建议使用双壁套管，对重量有要求的情况下可以使用单壁套管，与摆管机配合施工时，请了解摆管机的参数是否适合与单壁套管使用。



General Remarks

The production range includes casing joints and pipes for piling protection of collapsing. Casing joints are composed of one male half joint and one female half joint applied at each end of casing pipe for easy pipe connection operations.

The use of double wall casing is recommended in general.

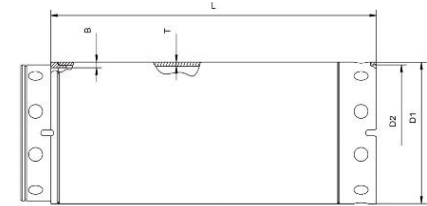
Single wall casings may be used for reasons of weight reduction, after checking the compatibility with heavy duty oscillators.

直径 D1/D2 (mm)	有效长度effective length L						壁厚 a1 (mm)	壁厚 a2 (mm)	总壁厚 t2 (mm)	螺栓数量 bolt (Nos)
	1m	2m	3m	4m	5m	6m				
620/540	403	739	1074	1411	1747	2081	12	8	40	8
750/670	492	902	1311	1722	2131	2540	12	8	40	10
880/800	585	1069	1552	2036	2520	3005	12	8	40	10
1000/920	669	1221	1773	2328	2877	3429	12	8	40	10
1180/1100	844	1580	2316	3052	3787	4522	16	8	40	12
1200/1120	872	1620	2370	3120	3870	4620	16	8	40	12
1300/1220	933	1746	2558	3372	4184	4996	16	8	40	12
1500/1400	1433	2628	3817	5009	6210	7393	20	10	50	12
1800/1700	1730	3166	4602	6038	7474	8910	20	10	50	12
2000/1880	2450	4280	6110	7940	9770	11600	20	15	60	12
2200/2080	2700	4720	6740	8760	10780	12800	20	15	60	12
2500/2380	2960	5240	7520	9800	12080	14360	20	15	60	16

单壁全护筒套管 Single-wall casing

产品介绍

套管由套管接头和管体两部分组成，能有效防止孔壁坍塌，套管接头由公接头和母接头组成，每对接头都要保证互换性，以便于快速连接，通常情况下我们建议使用双壁套管，对重量有要求的情况下可以使用单壁套管，与摆管机配合施工时，请了解摆管机的参数是否适合与单壁套管使用。



General Remarks

The production range includes casing joints and pipes for piling protection of collapsing. Casing joints are composed of one male half joint and one female half joint applied at each end of casing pipe for easy pipe connection operations.

The use of double wall casing is recommended in general.

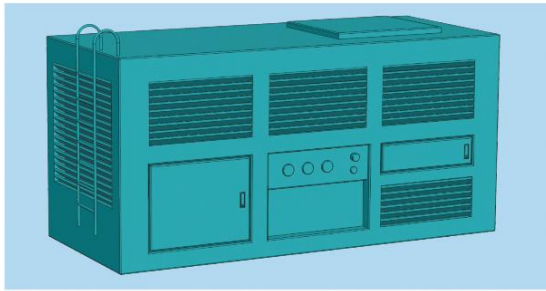
Single wall casings may be used for reasons of weight reduction, after checking the compatibility with heavy duty oscillators.

直径 D1/D2 (mm)	有效长度effective length L						壁厚 T (mm)	壁厚 B (mm)	螺栓数量 bolt (Nos)
	1m	2m	3m	4m	5m	6m			
620/540	380	672	993	1255	1546	1838	14	40	8
750/670	447	789	1131	1473	1815	2157	14	40	10
880/800	514	906	1298	1690	2082	2474	16	40	10
1000/920	580	1022	1464	1906	2348	2790	16	40	10
1180/1100	740	1233	1826	2350	2800	3105	16	40	12
1200/1120	800	1350	1900	2550	3100	3500	16	40	12
1300/1220	845	1475	2105	2735	3365	3995	20	40	12
1500/1400	1310	2220	3130	4040	4950	5860	25	50	12
1800/1700	1580	2675	3770	4865	5960	7055	25	50	16
2000/1880	2140	3355	4570	5785	7000	8215	25	60	12
2200/2080	2350	3690	5030	6370	7710	9050	25	60	12
2500/2380	2575	4100	5625	7150	8675	10200	25	60	16

动力站 Power Pack

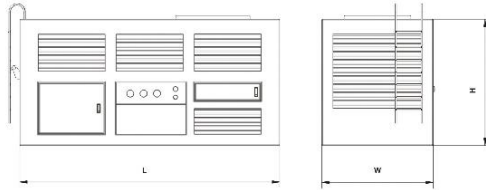
产品介绍

动力站发动机分为电动机和柴油机两种类型，可以根据用户需要自由选配，也可以根据用户的需求特殊定制。



General Remarks

The power station engine is divided into motor and diesel engine Two types, can according to user needs freedom Special selection, can also according to user's demand Customization.



	电动机动力站		柴油机动力站	
	BGJ1000~BGJ2000		BGJ1000~BGJ2000	BGJ2200~3000
发动机/ Motor	三相异步电动机		康明斯6CTA8.3-240	康明斯6LTAA8.9-C325
功率/ Power	kw	60 105	180(240)KW	245(325)KW
转速/ Revolutions	rpm	1500 1500	2200	2200
供油量/ Pumps Output	L/min	60 90	2x200	2x208
工作压力/ Operating pressure	Bar	300 300	270	270
油箱容量/ Capacity Hydr. 液压/柴油/ Oil/Fuel	L	600 850	1300/400	2200/460
外形尺寸/ Dimensions	mm	2000x1500x1800 2500*1500*2200	3500*1700*2000	4000*2000*2000
重量/ Weight	Kg	2700 3650	5400	6500

套管接头 Casing joints



直径 Diameter	螺栓数量 bolt	重量 (每对) Weight
620/540	8	188
750/670	10	221
880/800	10	255
1000/920	10	315
1180/1100	12	345
1200/1120	12	375
1300/1220	12	520
1500/1400	12	1040
1800/1700	12	1380
2000/1880	12	1660
2200/2080	12	1800
2500/2380	16	2000

双壁套管靴 Casing shoes



直径 Diameter	齿数量 Flat teeth N.O.	重量 Weight
620/540	8	260
750/670	8	300
880/800	10	360
1000/920	12	410
1180/1100	14	470
1200/1120	14	490
1300/1220	16	560
1500/1400	18	760
1800/1700	22	920
2000/1880	24	1200
2200/2080	26	1350
2500/2380	30	1500



套管孔口夹持器
Casing keeping adapter



动力头连接件
Connecting parts



钻杆驱动器
Kelly casing adapter



套管驱动器
Casing drive adapter



套管连接销
Casing bolts



套管靴齿
Casing shoes bits

◎切削工具 Cutting Tools



宝峨齿
Bauer teeth



系列截齿和齿座
Series of bullet teeth and holders



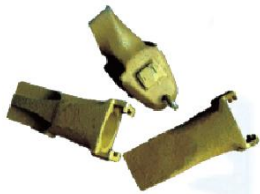
普通子弹头
General teeth



高强子弹头
bullet teeth



加长耐磨型
Lengthened and reinforced



V-20斗齿和齿座
V-20 teeth and holders



25-T斗齿和齿座
25-T teeth and holders



Model:3050C-A
Alloy size: 20 / 26
Used in soil, sediment,
soft rock and micro-hard rock



Model:3050-22
Alloy size: 22 / 28
Suitable for sand stones,
pebbles,micro-hard
medium weathered substrata



Model:3050JC
Alloy size: 22 / 28
The tooth body lengthens, relieves to the plug
tooth, the bottom of the support, Suitable for soft
rock strength, deep-cut drilling flat Stable
sedimentary rocks, such as mudstone, shale, silty
Sand rock drilling, steel body growing teeth fast



Model:AW-D622
Alloy size: 20 / 26
Suitable for pebbles, red
sandstone, double-wheel
milling, sand-fishing bucket,
better effect of infill drills



Model:3050C-2
Alloy size: 20 / 26
It is used for drilling soft rock
and micro-hard rock, the
head tip enters teeth quickly,
and the steel body has good
abrasion resistance by
blasting sand.



Model:3050-Q10
Alloy size: 22 / 28
Plus 10 alloy beans, wear
resistance is good. High
resistance, recommended
use with 60 extra-long teeth,
effect Better results



Model:3060-N9
Alloy size: 22 / 28
The steel body is thickened with
3060 steel body with 9 alloy
bars. Suitable for cobblestone,
sandstone, red sandstone and
other hard rocks. Especially
suitable for medium hard rock
strata where steel body wear
too fast.



Model: R55LZ
Alloy size: 22 / 28

Suitable for medium hard rock and some hard rock. Citation American patented Technology-gradient, hard Resistance



Model: R60
Alloy size: 25 / 32

This product is hot precision forging process manufacturing and finishing. It has high wear resistance and toughness suitable for micro-weathered geological conditions such as geochemical rocks. The tooth body lengthened design make it enter the rock fast and Improve work efficiency.



Model: R60LZ
Alloy size: 25 / 32

For granite, quartz, gravel and Part of the hard rock. The matrix around the alloy, etc. Ion-coated tungsten carbide powder protection, increase mother Wear resistance of the body. Maternal lengthening (75mm) The barrel drill works better.



Model: 3060-30LZ
Alloy size: 30 / 38

Super alloy design, for extremely hard rock formations such as basalt, quartz granite, gneiss, slate, etc. Drilling effect is good, used in barrel drilling effect is excellent.



Model: 3000LJJC
Alloy size: 25 / 32

Suitable for medium hard rock, hard rock and part of very hard rock, granite. Thick steel body, large alloy, strong wear resistance, better effect for barrel drilling.



Roller Bit (15-30Mpa)

Insert tooth type, the periphery is insert hard alloy wedge-shaped teeth, with reinforced wear-resistant diameter-protecting rubber seal bearing. Soft rock used in 15-30 MPA, small plastic Medium hard strata. The wear resistance is higher than the alloy cutter. The service life is long.



Roller Bit (30-60Mpa)

Blue straight plate with teeth-inlaid with hard alloy cone-shaped teeth, used in 30-60 MPA medium-hard rock strata and hard strata. Good wear resistance ratio and long service life



Roller Bit (60-100Mpa)

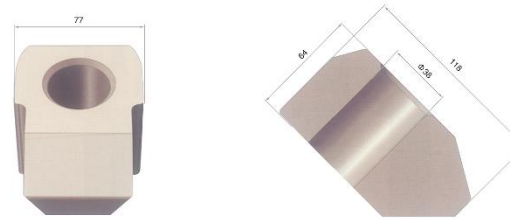
The golden all-cloth teeth are inlaid with teeth, with hard alloy pointed oval teeth on the periphery, used in a hard rock stratum of 60 ~ 100 MPA, a hard and abrasive stratum. Good wear resistance and long service life.



Roller Bit (100-260Mpa)

Full-cloth toothed with hard alloy oval-shaped teeth on the periphery, used in a hard rock stratum of 100 ~ 260 MPA, hard and abrasive formations. Better wear resistance and longer service life.

38WA Series



H38WA01

38WB Series



38WB01

H38WB01

SLEEVE : S38WB01
HOLDER : H38WB01

38GA Series



38GA01

38GA02

38GA03

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