专业旋挖钻机配件制造商

Professional Manufacturer of Hydraulic Piling Rig Spares

生产商Producer：

山东捷泰豪力机械设备有限公司

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北京捷泰鸿力科技有限公司

BEIJING JIETAIHONGLI TECHNOLOGY　CO.,LTD

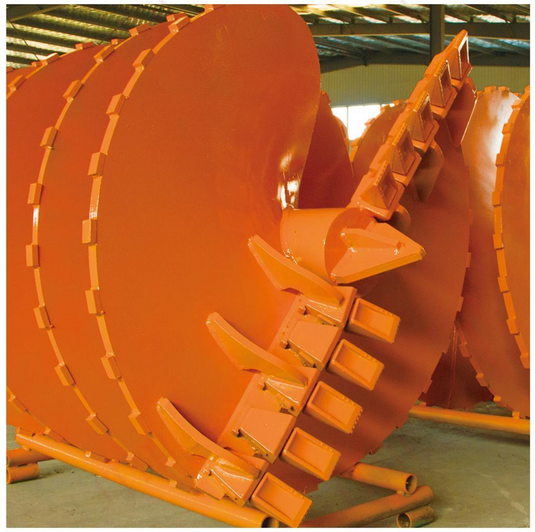
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钻具和套管

Drilling Tools and Casings









捷泰豪力

JIETAIHAOLI

BUSINESS PROFILE 企业简介

北京捷泰豪力科技发展有限公司，成立于 2004 年，总部设于北京，分厂设于山东寿光。公司主要生产和销售旋挖钻杆、钻具以及旋挖钻机的大修、整机销售和旋挖配件的供应。

我公司专业从事旋挖钻具的研发与生产，具有现代化的生产基地，一流的加工设备和科学的管理体系。公司还拥有一批专业的设计专家、经验丰富的管理团队和爱岗敬业的技术工人。

公司以“诚信做人，用心做事”的经营理念，本着“以客户未本”的服务态度，竭诚与所有的旋挖钻机用户成为良好的合作伙伴！

JTHL is founded in 2004 year, the main workshop located in Beijing. The branch workshop located in Shouguang city, Shandong province, China. Our company mainly produces and sells rotary Kelly Bar, drill tools and rotary drilling rigs maintenance, sales of the complete drilling rigs and rotary drill rigs spare parts supply.

The production of Kelly Bar has a number of independent research and development patents that use domestic and foreign technology and materials, with high strength, light weight, high wear resistance, reliable quality and other excellent characteristics.

Drilling tools are available in a variety of series and specifications to meet different customer needs. Used drilling rigs and spare parts complete, good quality, reasonable price, and domestic logistics company cooperation, timely supply service.

Our conpany is based on the "Conduct myself faithfully,Concentrate on work"as the principle,base on the spirit of "Customer-oriented"service attitude,hope to be best cooperation partner with all the rotary piling rig customers.

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产品概述
Product overview

旋挖钻具的种类有很多，不同的施工场地，不同的地层，要选用不同的旋挖钻具。正确选择旋挖钻具很有必要，捷泰豪力旋挖钻具生产设备先进，生产工艺优质，使用材料品质好，钻具型谱齐全，同时能针对客户的特殊需求进行针对性的研发定制。产品广泛应用于回填层、土层、岩层、卵石层、砂层、黏土层、溶洞地层、基岩层等各种地层。

There are many types of rotary drilling tools. Different construction sites and different formations require different rotary drilling tools. It is necessary to choose available drilling tools. Jietai Haoli rotary drilling tools have advanced production equipment, high-quality production technology, high-quality materials, and complete drilling tool types. At the same time, they can carry out targeted R&D and customization according to the special needs of customers . Products are widely used in various layer such as backfill, soil, rock, pebble, sand, clay, cave layer, and bedrock layer.



先进的生产设备
Advanced production equipment

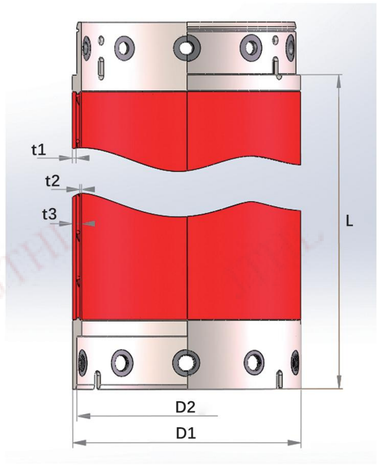


精湛的加工工艺和生产技术
Exquisite processing technology and production technology

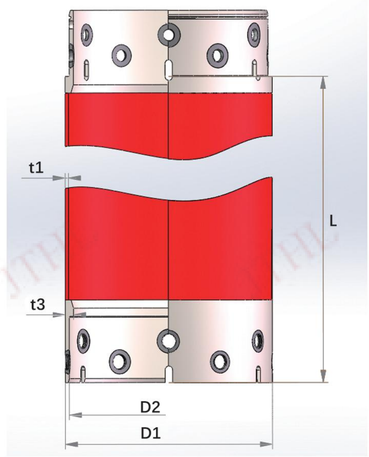


产品远销世界各地
Our products are sold all over the world

2 套管 Casing



旋挖双层套管
Double wall casing



全回转套管
Oscillator casing



■ 特点 Feature

· 主要用于不稳定土壤层条件下钻孔的稳定
· Designed for the transmission of high torques and crowd forces generated by rotary drilling rigs and casing oscillators.
· 鉴于需要传输的扭矩越来越大，客户要求的套管越来越长，磨损越来越快，可提供不同于标准套管的加强型 套管以供选择。
与标准套管不同之处在于它的内管要更加坚硬。内管壁厚有12mm（外径为620–1300mm）和 16mm（外径为1500–1800mm）两种。
· As the amount of torque to be transmitted as well as the required casing depths continue to increase further and further,accompanied by increased wear, we offers a reinforced version as an alternative to standard casings. It differs by comprising a stronger inner tube with a wall thickness of 12 mm (OD 620 – 1300mm) and 16 mm (OD 1500 – 1800 mm).

型谱表 ModelList

旋挖双层套管 Double wall casing

套管直径	有效长度 L/effective length						外筒厚度	内筒厚度	套管厚度	螺栓数目
D1/D2	1m	2m	3m	4m	5m	6m	t1	t2	t3	Bolts No.
	重量Weight									
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	2326	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	4995	16	8	40	12
1500/1400	1433	2625	3817	5009	6201	7393	20	10	50	12
1800/1700	1730	3166	4602	6038	7474	8910	20	10	50	16
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

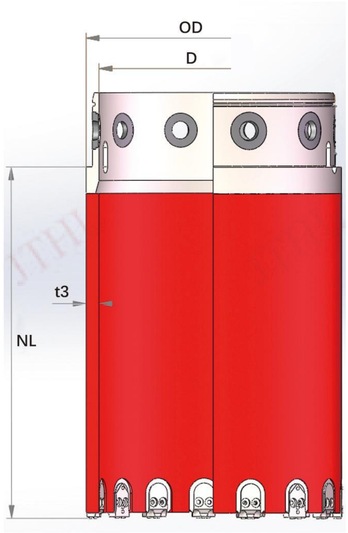
全回转套管 Oscillator casing

套管直径	有效长度 L/effective length					壁厚	套管厚度	螺栓数目
D1/D2	2m	3m	4m	5m	6m	t1	t3	Bolts No.
	重量Weight							
800/720	1103	1507	1911	2315	2719	20	40	8
980/880	1645	2263	2881	3499	4117	25	50	12
1180/1080	2185	3078	3971	4864	5757	30	50	12
1280/1180	2376	3347	4318	5289	6260	30	50	12
1380/1280	2567	3615	4663	5711	6759	30	50	12
1480/1380	2759	3885	5011	6137	7263	30	50	16
1600/1500	2989	4208	5427	6646	7865	30	50	16
1800/1700	3371	4745	6119	7493	8867	30	50	20
1980/1880	4360	6369	8378	10387	12396	40	50	20
2000/1880	4747	6776	8805	10834	12863	40	60	20
2200/2080	5233	7469	9705	11941	14177	40	60	20
2400/2280	5720	8163	10606	13049	15492	40	60	24
2600/2480	6364	9014	11664	14314	16964	40	60	24
3000/2880	7362	10426	13490	16554	19618	40	60	24

备注：度量单位为mm，重量单位为kg。数据仅供参考。
The unit of measurement is millmeters and the weight is kilograms. The data are for reference only.

套管底环
Casing Shoes





型谱表 ModelList

备注：度量单位为mm，重量单位为kg。数据仅供参考。
The unit of measurement is millmeters and the weight is kilograms. The data are for reference only.

套管底环/Casing shoes							
OD/D（mm）	重量 Weight (kg)			壁厚 Wall thickness (mm)	双头螺柱的数量 Number of studs (标准/经济) Standard/Eco	双头螺柱的数量 Number of studs (360°-Eco)	WS-型号 WS-Type
	NL500mm	NL1,000mm	NL2,000mm				
620/540	339	590	1180	40	16	9	WS39*
750/670	418	725	1440	40	16	9	WS39*
880/800	491	855	1705	40	18	12	WS39*
1000/920	560	975	1945	40	18	12	WS39*
1180/1100	665	1160	2310	40	20	15	WS39*
1200/1120	677	1177	2350	40	20	15	WS39*
1300/1220	733	1275	2550	40	24	18	WS39*
1500/1400	1340	2005	3800	50	30	24	WS46
1800/1700	1618	2420	4585	50	36	24	WS46
2000/1880	2350	3290	6120	60	36	24	WS52
2200/2080	2580	3640	6755	60	40	24	WS52
2500/2380	2850	4110	7700	60	46	27	WS52

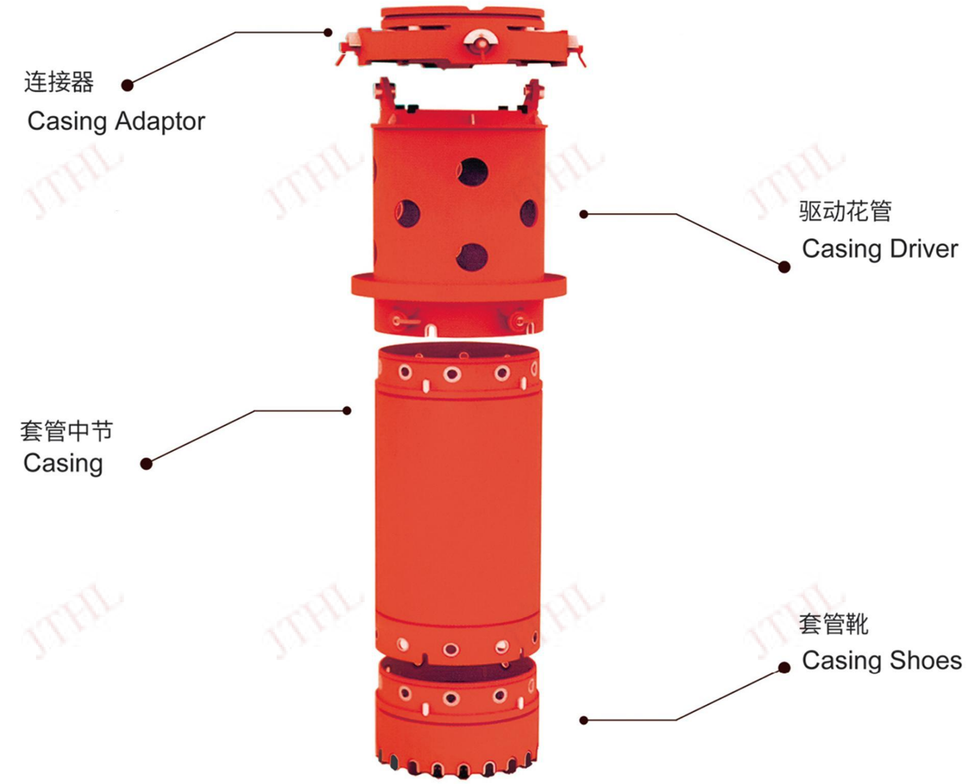
■ 特点 Feature

· 公接头和切削环之间的连接为全焊型实体
Fully welded solid wall connection between male joint section and cutting ring.

· 可选择垂直耐磨板，增加耐磨防护。必要时切削环可进行拆卸更换
Increased wear protection optionally available in the form of vertical wear plates.Cutting ring can be removed and replaced when necessary.

· 套管底环适合装配WS齿座（WS39）或BR和BH型焊接钻齿（其他齿可按要求定制）
Casing shoes can be fitted with WS tooth holders (WS 39) or weld-on teeth type BR or BH (other types of teeth are availableon request).

套管驱动器
Casing Drive Adaptor





销轴式链接器
Pin-type adaptor



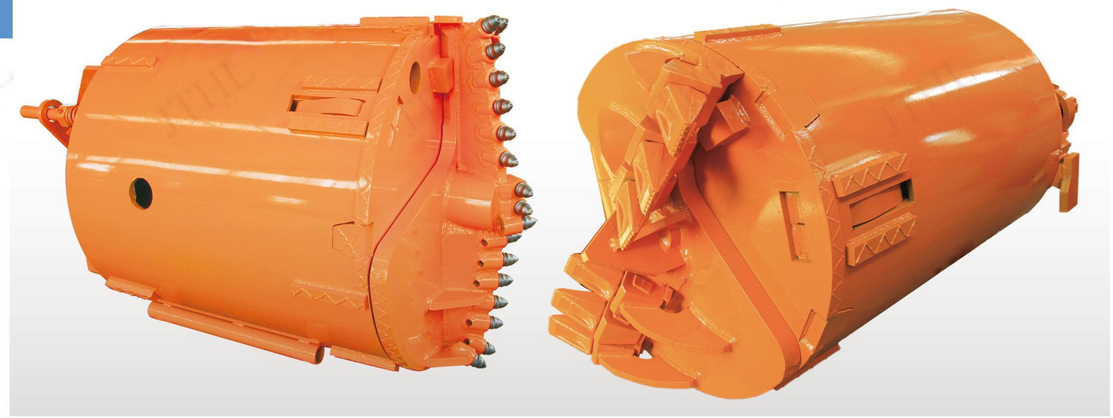
带有偏心螺栓的驱动花管
Casing driver with eccentric bolt



法兰式链接器
Flange-type adaptor

5

捞砂斗
Bucket



■ 钻具特点 Feature

· 可定制手自动一体式开锁底机构，内置防吸钻流水孔；
Option half-automatic or manul mechanic bottom open system. Built-in ventilation pipe;

· 整体式中心锥，弧形导板布齿，大钻具双开锁底机构设计 ；
Cast pilot with rock drilling bits , arc guide plate teeth arrangement, double unlocking system;

· 钻齿轨迹交错布置，全断面内交叉覆盖，相互制造自由面 ；
Staggered arrangement of rock drilling bits;

· 适用地层：砂砾层、卵石层、强风化、中风化岩层；
Applicable layers: gravel , pebble , highly or medium weathered rock;



型谱表 ModelList

钻具直径 Diammeter	筒体高度 Shell Height	筒壁厚度 Shell Thk	底板厚度 Bottom Plate Thk	齿数 Teeth Number	重量 Weight
600	1200	16	40/50	4	680
700	1200	16	40/50	4	740
800	1200	20	40/50	4	850
900	1200	20	40/50	5	995
1000	1200	20	40/50	6	1200
1200	1200	20	40/50	7	1535
1250	1200	20	40/50	8	1590
1300	1200	20	40/50	8	1670
1400	1200	20	40/50	9	1820
1500	1200	20	40/50	9	2150
1600	1200	20	40/50	10	2350
1800	1000	20	50/50	12	2950
2000	800	20	50/50	14	3330
2200	800	20	50/50	16	4575
2500	800	20	50/50	19	5000
3000	800	20	50/50	24	6000
可选方头 Kelly Box	三一150方 150*150		宝峨200方 200*200		宝峨250方 250*250
钻底样式 Bottom Type	双底双开门 Double Bottom Double Cut			单底双开门 Single Bottom Double Cut	

备注：度量单位为mm，重量单位为kg。数据仅供参考，可根据施工地质确认钻斗选型。
The unit of measurement is millmeters and the weight is kilograms. The data are for reference only.
The drill bucket type can be confirmed according to the site layer condition.

■ 可定制项目 Customizable Items

· 切削直径定制：根据客户需求设计切削直径，如 ϕ950、ϕ1050 等，配合套管施工使用居多 ；
Cutting DIA. Custom : design various cutting diameter based on demand, such us ϕ950、ϕ1050 etc.

· 筒体高度定制：根据客户需求设计筒体高度，如加高至 1500,2000，增加单次钻进量，提高施工效率 ；
Shell HIT. Custom : design as demand, prolong or shortten, increase amount of per drilling, improve efficiency .

· 关重结构加强定制：根据客户需求加强各个部位参数，如壁厚加厚，底板加厚等 ；
Small barrel facilitates the coring operation; large barrel performs stage breaking;

· 进土口定制：单开门、双开门可依据客户需求定制；
Cutter Custom: single cutter and double cutter design as demand;

· 单双底定制：单底、双底可依据客户需求定制；
Bottom Custom : single bottom and double bottom design as demand;

· 方头尺寸定制：根据客户钻杆方头定制钻具方头尺寸，通常为 130 × 130、150 × 150、200 × 200、250 × 250 等；
Kelly Box Custom : custom kelly box size based on the kelly bar, like 130*130, 150*150,200*200, 250*250 etc;

· 开锁底机构定制：半自动、手动开锁底机构可依据客户需求定制；
Bottom Open Mechanic : half-automatic or manul mechanic bottom open system.

6

截齿筒钻
Core Barrel With Bullet Teeth



■ 钻具特点 Feature

· 筒体环切释放岩石围压
Cutting ring with rock drilling bits and releases the internal stress of rock

· 截齿阶跃破碎兼研磨钻进
Rock drilling bits perform stage breaking and drilling

· 小钻具取芯率高，大钻具分级配合破碎
Small barrel facilitates the coring operation; large barrel performs stage breaking

· 适用地层：回填层、中风化岩层、基岩层
Applicable layers: backfill layer, medium weathered rock, bedrock

型谱表 ModelList

钻具直径 Diammeter	筒壁厚度 Shell Thk	加强圈壁度 Strengthen Ring Thk	筒体高度 Shell Height	齿数 Teeth Number	重量 Weight
600	16	40	1200	9	600
700	16	40	1200	9	700
800	20	40	1200	12	800
900	20	40	1200	12	900
1000	20	40	1200	15	1050
1200	20	40	1200	18	1240
1250	20	40	1200	18	1300
1300	20	40	1200	18	1480
1400	20	40	1200	21	1600
1500	20	40	1200	24	1650
1800	20	40	1000	24	2300
2000	20	40	1000	27	3000
2200	20	40	800	30	3580
2500	20	40	800	36	4100
可选方头 Kelly Box	三一150方 150*150		宝峨200方 200*200		宝峨250方 250*250

备注：度量单位为mm，重量单位为kg。数据仅供参考，可根据施工地质确认钻具选型。
The unit of measurement is millmeters and the weight is kilograms. The data are for reference only.
The drill bucket type can be confirmed according to the site layer condition.







■ 可定制项目 Customizable Items

· 切削直径定制：根据客户需求设计切削直径，如 ϕ950、ϕ1050 等，配合套管施工使用居多；
Cutting DIA. Custom : design various cutting diameter based on demand, like ϕ950、ϕ1050 etc.

· 筒体高度定制：根据客户需求设计筒体高度，如加高至 1500,2000，增加单次钻进量，提高施工效率；
Shell HIT. Custom : design as demand, prolong or shortten, increase amount of per drilling, improve efficiency .

· 关重结构加强定制：根据客户需求加强各个部位参数，如壁厚加厚，底板加厚等；
Small barrel facilitates the coring operation; large barrel performs stage breaking;

· 方头尺寸定制：根据客户钻杆方头定制钻具方头尺寸，通常为 130 × 130、150 × 150、200 × 200、250 × 250 等;
Kelly Box Custom : custom kelly box size based on the kelly bar, like 130*130, 150*150,200*200,250*250 etc;

· 钻齿数目定制：根据客户需求对钻齿进行加密布置;
Teeth No. Custom : encrypt the drilling teeth based on demand etc;



7

牙轮筒钻
Core Barrel With Roller Bit



■ 钻具特点 Feature

· 筒体环切释放岩石围压；
Cutting ring with rock drilling bits and releases the internal stress of rock;

· 牙轮钻齿滚压研磨钻进，钻齿损耗小
Drilling with the method of rolling and squeezing can increases the anti-wear ability of the barre

· 小钻具取芯率高，大钻具分级配合破碎
Small barrel facilitates the coring operation; large barrel performs stage breaking

· 适用地层：中、微风层岩层，硬岩层，超硬基岩层
Applicable layers: medium or slightly weathered rock, hard or superhard bedrock

■ 可定制项目 Customizable Items

· 切削直径定制：根据客户需求设计切削直径，如 ϕ950、ϕ1050 等，配合套管施工使用居多
Cutting DIA. Custom : design various cutting diameter based on demand, such us ϕ950、ϕ1050 etc.

· 筒体高度定制：根据客户需求设计筒体高度，如加高至 1500,2000，增加单次钻进量，提高施工效率
Shell HIT. Custom : design as demand, prolong or shortten, increase amount of per drilling, improve efficiency .

· 关重结构加强定制：根据客户需求加强各个部位参数，如壁厚加厚，底板加厚等
Small barrel facilitates the coring operation; large barrel performs stage breaking;

· 方头尺寸定制：根据客户钻杆方头定制钻具方头尺寸，通常为 130 × 130、150 × 150、200 × 200、250 × 250 等
Kelly Box Custom : custom kelly box size based on the kelly bar, such us 130*130, 150*150,200*200,250*250 etc;

· 钻齿数目定制：根据客户需求对钻齿进行加密布置
Teeth No. Custom : encrypt the drilling teeth based on demand etc;

· 牙轮种类定制：全新硬岩牙轮、二手牙轮以及可拆卸牙轮，可依据客户需求定制
Roller Bits Custom: new roller bits, used roller bits and detachable roller bit design as demand

型谱表 ModelList

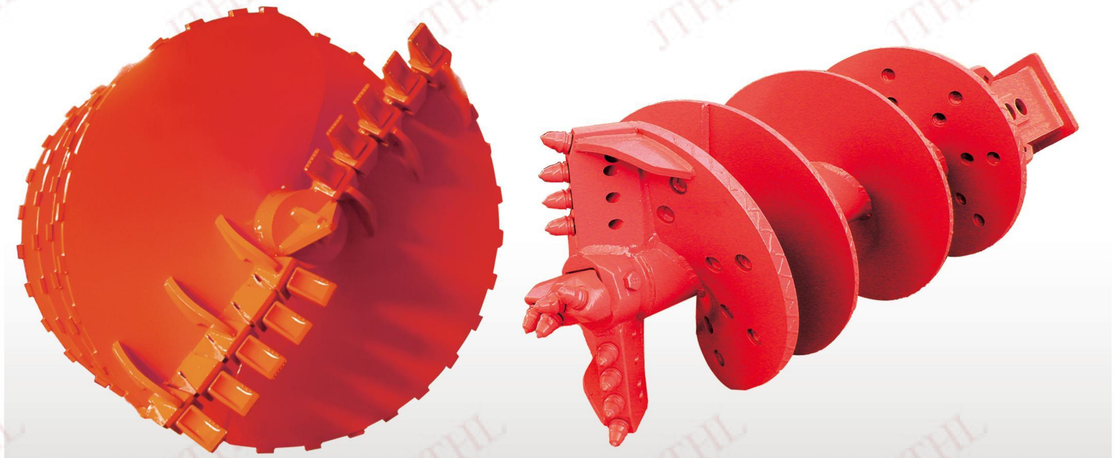
钻具直径 Diammeter	筒壁厚度 Shell Thk	加强圈壁度 Strengthen Ring Thk	筒体高度 Shell Height	齿数 Teeth Number	重量 Weight
600	16	40	1500	4	660
700	16	40	1500	4	770
800	20	40	1500	6	950
900	20	40	1500	6	1050
1000	20	40	1500	8	1200
1100	20	40	1500	8	1350
1200	20	40	1500	10	1500
1250	20	40	1500	10	1550
1300	20	40	1500	10	1650
1400	20	40	1500	12	1700
1500	20	40	1500	12	1800
1800	20	40	1200	14	2100
2000	20	40	1200	16	2400
2200	25	50	1200	18	3200
2400	25	50	1200	18	4000
2500	25	50	1200	20	4400
可选方头 Kelly Box	三一150方 150*150		宝峨200方 200*200		宝峨250方 250*250

备注：度量单位为mm，重量单位为kg。数据仅供参考，可根据施工地质确认钻头选型。
The unit of measurement is millmeters and the weight is kilograms. The data are for reference only.
The drill bucket type can be confirmed according to the site layer condition.



8

螺旋钻头
Auger



■ 钻具特点 Feature

· 直体螺旋设计，方便卸渣
Design as straight type, better for carry soil.

· 双头螺旋受力均匀，不宜偏孔
Double cutter bearing uniform force, can avoid inclined hole.

· 双螺旋携渣能力强，黏性地层时，单螺易于卸渣
Double spiral easy to carry soil, but meet cohensive soil, single spiral is easy to dump spoil.

适用地层：黏土层，强风化层、碎石层等
Applicable layers: clay, high-weathered layer, gravel etc.

■ 可定制项目 Customizable Items

· 切削直径定制：根据客户需求设计切削直径，如 ϕ950、ϕ1050 等，配合套管施工使用居多
Cutting DIA. Custom : design various cutting diameter based on demand, such us ϕ950、ϕ1050 etc.

· 螺旋高度定制：根据客户需求设计螺旋高度，如加高至 1500、2000，增加单次钻进量，提高施工效率
Spiral HIT. Custom : design as demand, prolong or shorten, increase amount of per drilling, improve efficiency .

· 螺旋叶片间距定制：根据客户需求设计螺旋叶片间距，400、500、600，调整携渣及卸渣能力等
Spiral Pitch Custom : adjust the spiral pitch according to different working condition.

· 齿型定制：根据客户需求安装不同的齿型，可以安装截齿、FZ80、FZ72、V20、22S 等齿型
Teeth Custom : equiped different teeth, like bullet teeth, flat teeth according to different working condition.

· 关重结构加强定制：根据客户需求加强各个部位参数，如壁厚加厚，底板加厚等
Key Component Reinforce Custom : strengthen the key component to extend life cycle.

· 方头尺寸定制：根据客户钻杆方头定制钻具方头尺寸，通常为 130 × 130、150 × 150、200 × 200、250 × 250 等
Kelly Box Custom : custom kelly box size based on the kelly bar, such us 130*130, 150*150,200*200,250*250 etc.

型谱表 ModelList

切削直径 Cutting Dia.	螺旋高度 Spiral HIT.	螺旋间距 Spiral Pitch	螺旋厚度 Shell THK.	螺旋外径 Spiral OD.	中心管直径 Center Tube OD.	齿数 Teeth No.	重量 Weight
600	1500	400	20+30	550	180	5	600
800	1500	600	20+30	750	219	6	750
900	1500	600	20+30	850	219	7	850
1000	1500	600	20+30	950	219	9	950
1200	1500	600	30+30	1150	219	11	1050
1500	1500	600	30+30	1450	273	13	1450
1600	1500	600	30+30	1550	273	15	1650
1800	1500	600	30+30	1750	273	17	1950
2000	1500	600	40+40	1950	273	19	2300
2200	1500	600	40+40	2150	273	20	2500
2500	1500	600	40+40	2450	325	23	3100
2800	1500	600	40+40	2750	325	26	3400
3000	1500	600	40+40	2950	325	29	4550

备注：度量单位为mm，重量单位为kg。数据仅供参考，可根据施工地质确认钻头选型。
The unit of measurement is millmeters and the weight is kilograms. The data are for reference only.
The drill bucket type can be confirmed according to the site layer condition.



9

开体式钻头
Open-body Drilling Tools



■ 钻具特点 Feature

· 大进土口设计，体开式筒体结构，高效卸渣，提升钻进效率
Large inlet of soil, open shell design, easy to dump spoil so increases the drilling efficiency

· 筒体、导板、加强筋强化设计，提升钻斗使用寿命
Super strength structure for shell, guide plate, etc, increase the life cycle of bucket

· 筒体周围布置导条，防止吸钻
Guide strips arranged on the surface of bucket can avoid drilling tool sucked by the pressure

· 适用地层：粘土层、淤泥层、强风化岩层
Applicable layers: clay , silt , highly weathered rock

■ 可定制项目 Customizable Items

· 切削直径定制：根据客户需求设计切削直径，如 ϕ950、ϕ1050 等，配合套管施工使用居多
Cutting DIA. Custom : design various cutting diameter based on demand, lsuch us ϕ950、ϕ1050 etc.

· 齿型定制：根据客户需求安装不同的齿型，可以安装截齿、FZ80、FZ72、V20、22S 等齿型
Teeth Custom : equiped different teeth, like bullet teeth, flat teeth according to different working condition

· 方头尺寸定制：根据客户钻杆方头定制钻具方头尺寸，通常为 130 × 130、150 × 150、200 × 200、250 × 250 等
Kelly Box Custom : custom kelly box size based on the kelly bar, such us 130*130, 150*150,200*200,250*250 etc.

型谱表 ModelList

钻具直径 Diammeter	筒体高度 Shell Height	筒壁厚度 Shell Thk	齿板厚度 Teeth Plate Thk	齿数 Teeth Number	重量 Weight
600	1200	25/30	40	8	950
700	1200	30/30	40	9	1050
800	1200	30/40	50	10	1280
900	1200	30/40	50	12	1380
1000	1200	30/40	50	14	1600
1200	1200	30/40	50	18	1800
1500	1200	30/40	50	22	2400
可选方头 Kelly Box	三一150方 150*150		宝峨200方 200*200		宝峨250方 250*250
钻底样式 Bottom Type	土层体开（配宝峨FZ80 齿或V20 齿） Open-type Soil Bucket （Bauer Teeth FZ80 or V 20）			嵌岩体开（配嵌岩截齿） Open-type Rock Bucket (Bullet Teeth)	

备注：度量单位为mm，重量单位为kg。数据仅供参考，可根据施工地质确认钻斗选型。
The unit of measurement is millmeters and the weight is kilograms. The data are for reference only.
The drill bucket type can be confirmed according to the site layer condition.



清孔钻斗
Cleaning Bucket



型谱表 ModelList

钻具直径 Diammeter	筒体高度 Shell Height	筒壁厚度 Shell Thk	固定底厚度 Bottom Plate Thk	重量 Weight
600	700	16	30/40	580
700	700	16	30/40	680
800	700	16	30/40	800
900	700	16	30/40	880
1000	700	16	30/40	1000
1200	700	16	40/40	1300
1250	700	16	40/40	1400
1300	700	16	40/40	1450
1400	700	16	40/40	1600
1500	700	16	40/40	1750
1600	700	16	40/40	1950
1800	700	16	40/40	2300
2000	700	16	40/40	3000
2200	700	20	40/40	3550
2500	700	20	40/40	4330
2800	700	20	40/40	5200
3000	700	20	40/40	6000
可选方头 Kelly Box	三一150方 150*150		宝峨200方 200*200	宝峨250方 250*250
钻底样式 Bottom Type	双底双开门 Double Bottom Double Cut		单底双开门 Single Bottom Double Cut	

单底斗齿钻头
Single Button Soil Bucket





■ 钻具特点 Feature

· 锥筒、直筒依工况酌情选取
Choose conical or straight bucket according to different working conditions

· 直导板或无导板依工况酌情选取
Choose straight guide plate or no guide plate according to different working conditions

· 适用范围：清理孔底沉渣，流塑性软土地层
Applicable scope: cleaning spoil at pile bottom, soft layer

型谱表 ModelList

钻具直径 Diammeter	筒体高度 Shell Height	筒壁厚度 Shell Thk	固定底厚度 Bottom Plate Thk	重量 Weight
600	1500	16	50	500
700	1500	16	50	600
800	1500	16	50	700
900	1500	16	50	850
1000	1500	16	50	950
可选方头 Kelly Box	三一150方 150*150		宝峨200方 200*200	宝峨250方 250*250
钻底样式 Bottom Type	双底双开门 Double Bottom Double Cut		单底双开门 Single Bottom Double Cut	

12

扩底钻斗
Belling Bucket





■ 钻具特点 Feature

· 可根据需求调节扩底直径
Adjustable cutting arms can meet the specific requirements of different reaming diameters

· 配合捞砂斗或清孔钻头一起使用
After reaming the bore hole, convey spoil with drilling bucket or cleaning bucket

· 箱式主体结构，结构简单，缩、扩灵活，维护方便
Cutting arms are easy to spread and retract; box-type structure is easy to maintenance

· 适用地层：硬质土层、冻土层、中软岩层
Applicable layers: hard stratum, frozen soil and medium soft rock

■ 可定制项目 Customizable Items

· 型号直径定制：根据客户需求设计切削直径，如 φ950、φ1050 等
Model DIA. Custom : design various cutting diameter based on demand, such us φ950、φ1050 etc.

· 关重结构加强定制：根据客户需求加强各个部位参数，如壁厚加厚，底板加厚等
Key Component Reinforce Custom : strengthen the key component to extend life cycle.

· 方头尺寸定制：根据客户钻杆方头定制钻具方头尺寸，通常为 130 × 130、150 × 150、200 × 200 等
Kelly Box Custom : custom kelly box size based on the kelly bar, such us 130*130, 150*150,200*200 etc.

· 翼展数目定制：可依据客户需求设计为两翼扩底钻、三翼扩底钻等
Swing No. Custom : double swing or trible swing design as demand.

· 限位孔数目定制：可依据客户需求设计多个限位孔，满足不同直径的扩底需求
Limit Hole No. Custom : add more limit hole to satisfy different reaming diameter demand.

型谱表 ModelList

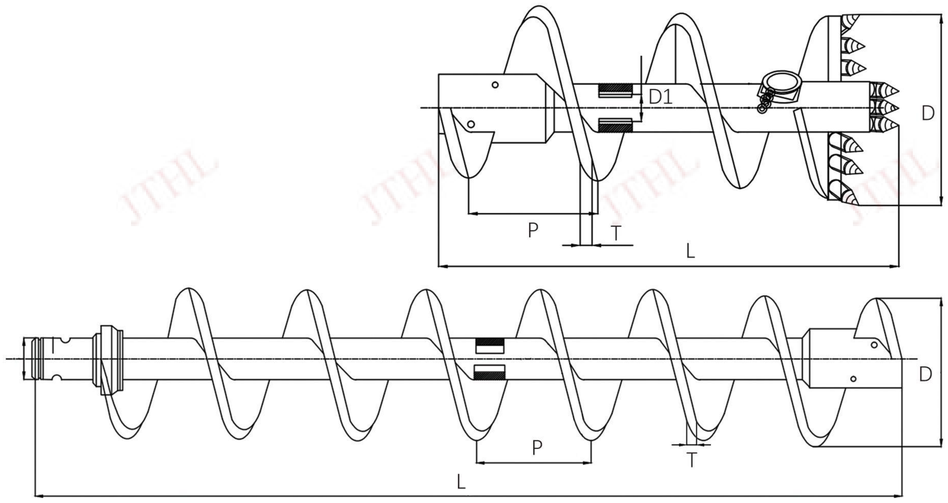
型谱规格 Model Size	钻具高度 Height	限位孔个数 Limit Hole No.	齿数 Teeth Number	中间级别 Intermediate level	重量 Weight
600 扩1200	3050	2	14	800 1000	900
800 扩1600	3100	2	16	1200 1400	1100
1000 扩2000	3050	2	20	1500 1800	1500
1200 扩2400	3050	2	24	1800 2200	2400
1500 扩3000	4000	2	30	2600 2800	2800
可选方头 Kelly Box	三一150方 150*150			宝峨200方 200*200	

备注：度量单位为mm，重量单位为kg。数据仅供参考，可根据施工地质确认钻斗选型。
The unit of measurement is millmeters and the weight is kilograms. The data are for reference only.
The drill bucket type can be confirmed according to the site layer condition.



13

长螺旋钻具
Continuous Flight Augers



型谱表 ModelList

规格	钻具直径D	螺距P	螺片厚度T	长度L
Size	Diammeter	Pitch(mm)	Flight thickness(mm)	Length(m)
法兰式长螺旋钻杆				
Φ300	280	280	16	2~10
Φ400	380	300	16	2~10
Φ500	480	350	16	2~10
Φ600	580	400	20	2~10
Φ700	680	400	20	2~10
Φ800	780	500	20	2~10
Φ900	880	500	25	2~10
Φ1000	980	500	25	2~10
六方接头式长螺旋钻杆				
Φ300	280	280	16	2~10
Φ400	380	300	16	2~10
Φ500	480	350	16	2~10
Φ600	580	400	20	2~10
Φ700	680	400	20	2~10
Φ800	780	500	20	2~10
Φ900	880	500	25	2~10
Φ1000	980	500	25	2~10





14

特殊钻具
Special Drilling Tools

其他特殊钻具（示例）

Other special drilling tools (Examples)

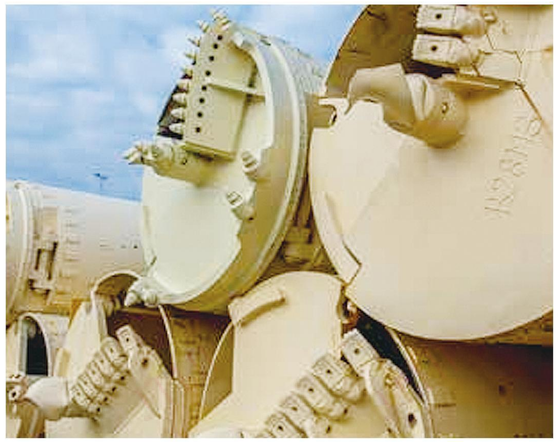


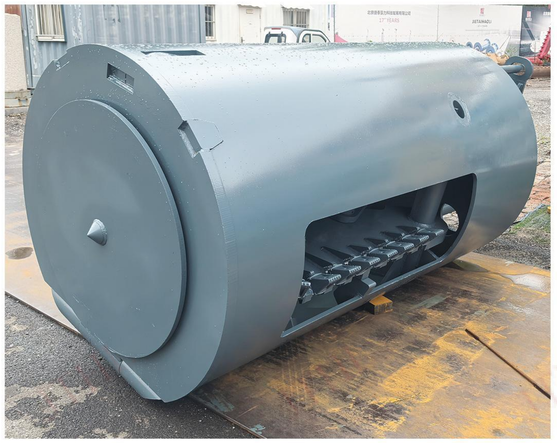












· 为特殊旋挖设备及工况应用提供了特殊钻具。

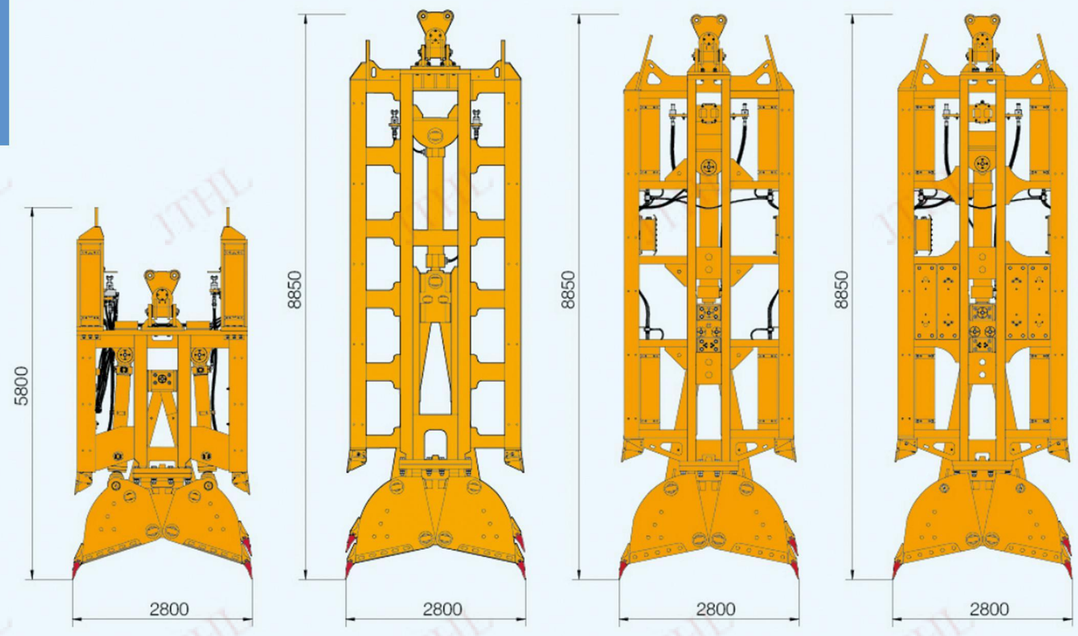
除了以下特殊钻具的典型示例，我们也可为客户研发应用于其它特殊项目的定制性钻具。

Special drilling tools are provided for special rotary drilling equipment and working condition applications.

In addition to the following typical examples of special drilling tools, we can also develop customized drilling tools for customers to be applied in other special projects.

15

抓斗
Grab

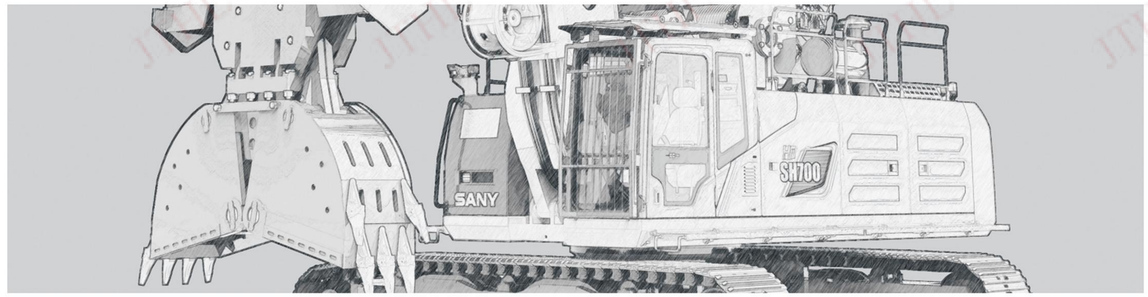


型谱表 ModelList

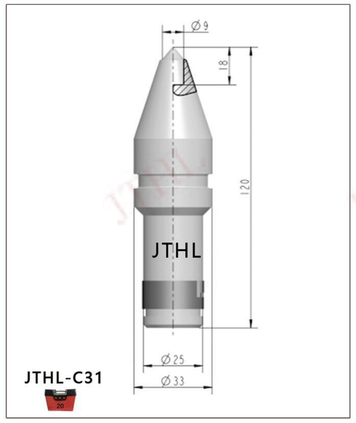
抓斗型号	成槽厚度/mm	油缸闭合力/kN	抓斗重量/t	
			基本重量	最大重量
800M系列	800	2×800	17.5	
	1000		19.0	
	1200		20.5	
300系列	300	1000	15.0	
	400		16.5	
600系列	600	1400	20.0	——
	800		22.5	24.5
	1000		24.5	26.5
	1200		25.5	26.5
800系列	800	2000	26.0	28.0
	1000		28.5	31.5
	1200		30.5	34.5
	1500		32.5	36.0
如需其它规格尺寸，可根据需求定制				



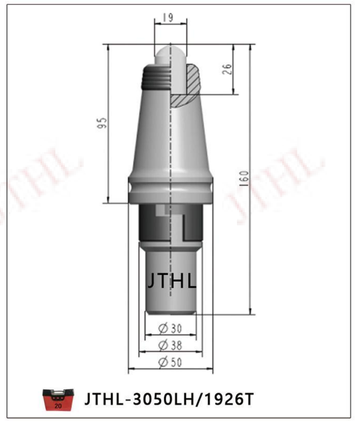




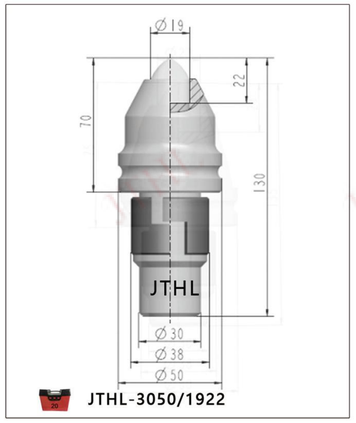
钻齿
Drilling Teeth



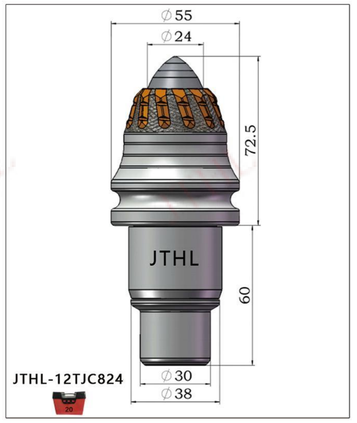
JTHL-C31



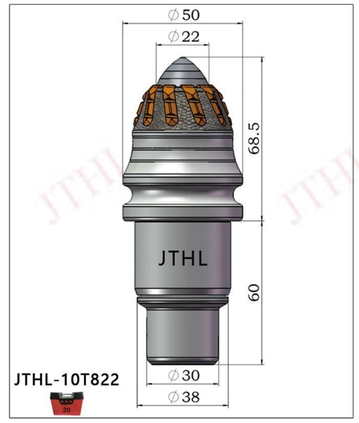
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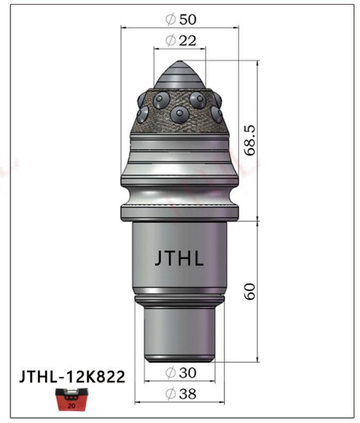
JTHL-3050/1922



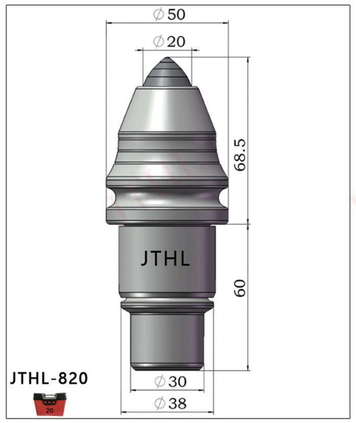
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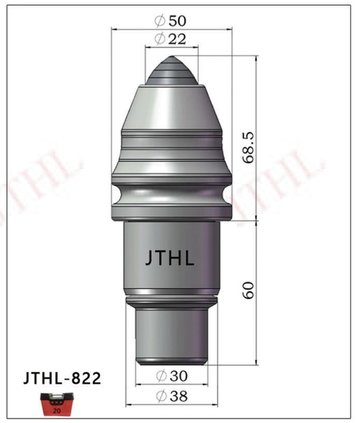
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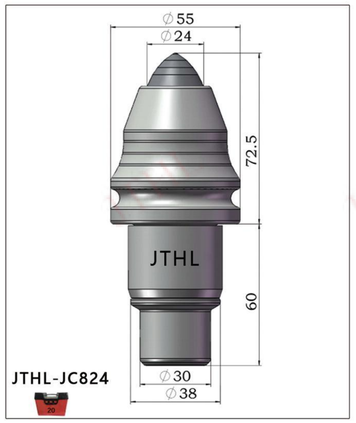
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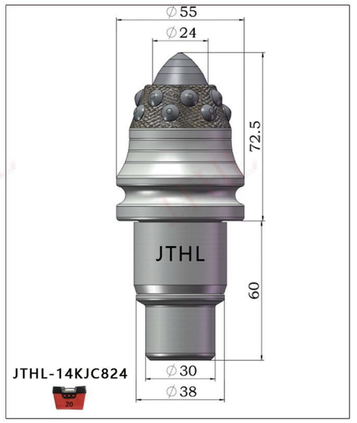
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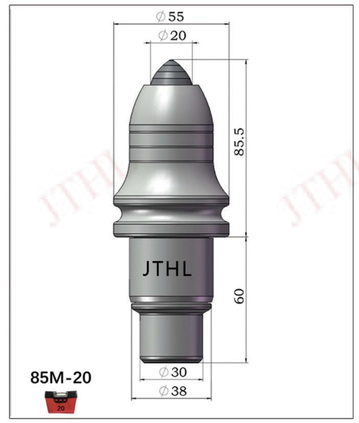
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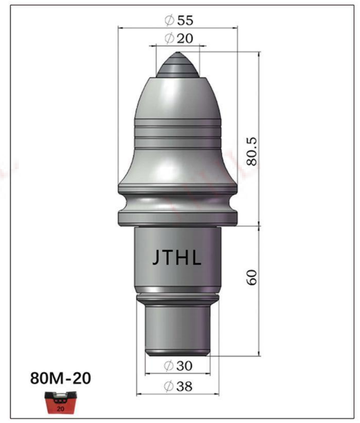
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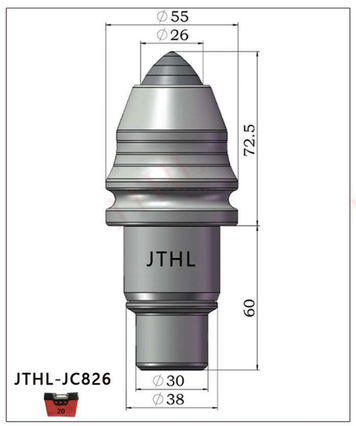
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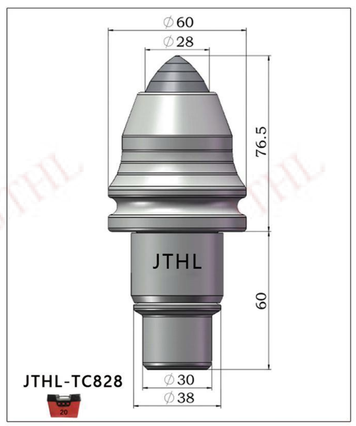
85M-20



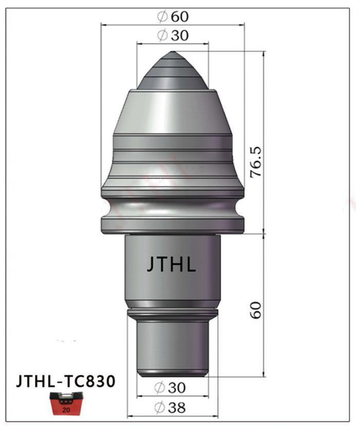
80M-20



JTHL-JC826



JTHL-TC828



JTHL-TC830



43

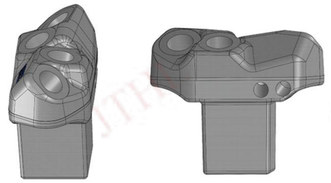


68-95

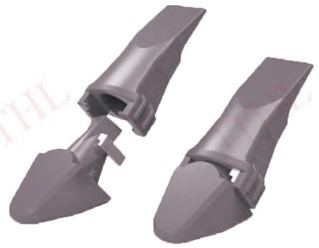


78-95

钻齿
Drilling Teeth



四分头 RP bits



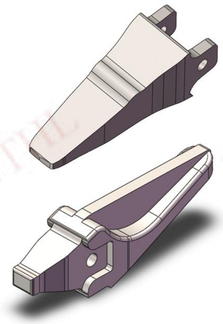
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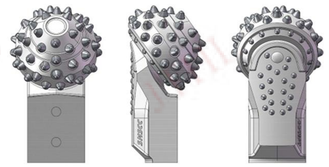
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鱼尾齿和座 Fishtail pilot



JTHL-25RC12/3861-25



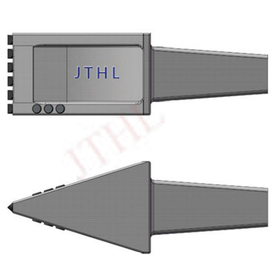
牙轮 Roller bit



BF70



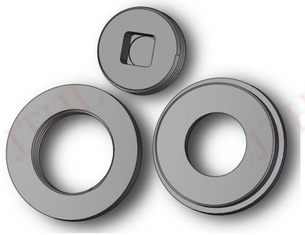
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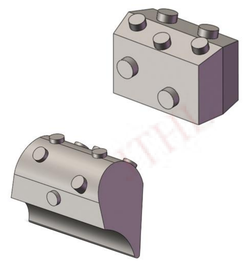
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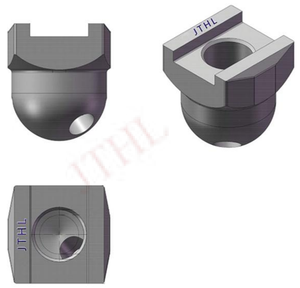
W39/W46



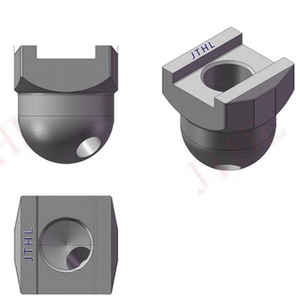
套管螺栓 Casing bolt



BA70-38/AS35



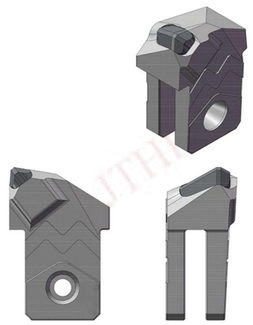
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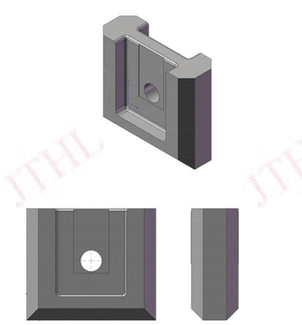
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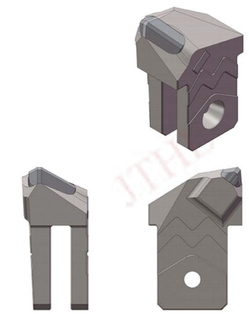
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K45L



K45 齿座
Block tooth seat

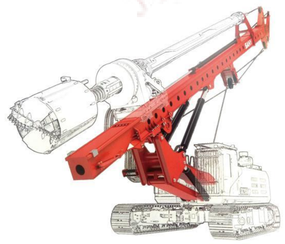


K45R

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