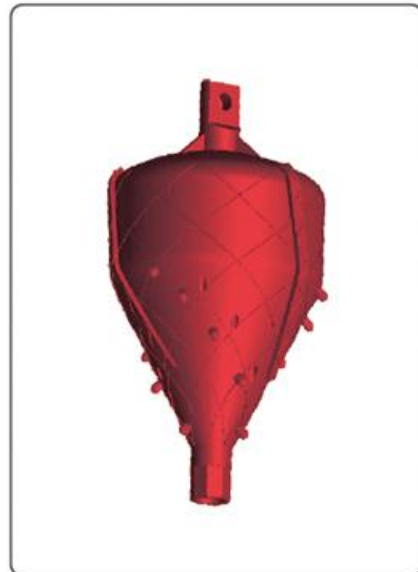




泥浆马达 Mud Motor



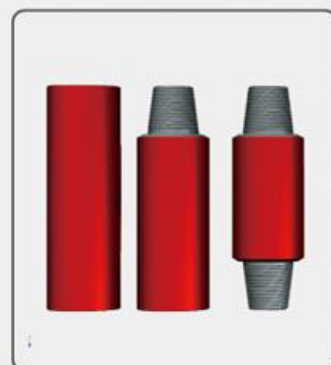
挤扩式扩孔器  
Barrel Reamer



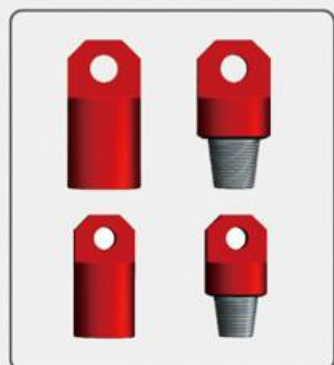
流道式扩孔器  
Fluted Reamer



切削式扩孔器  
Cutter Reamer



转换接头  
Adapter



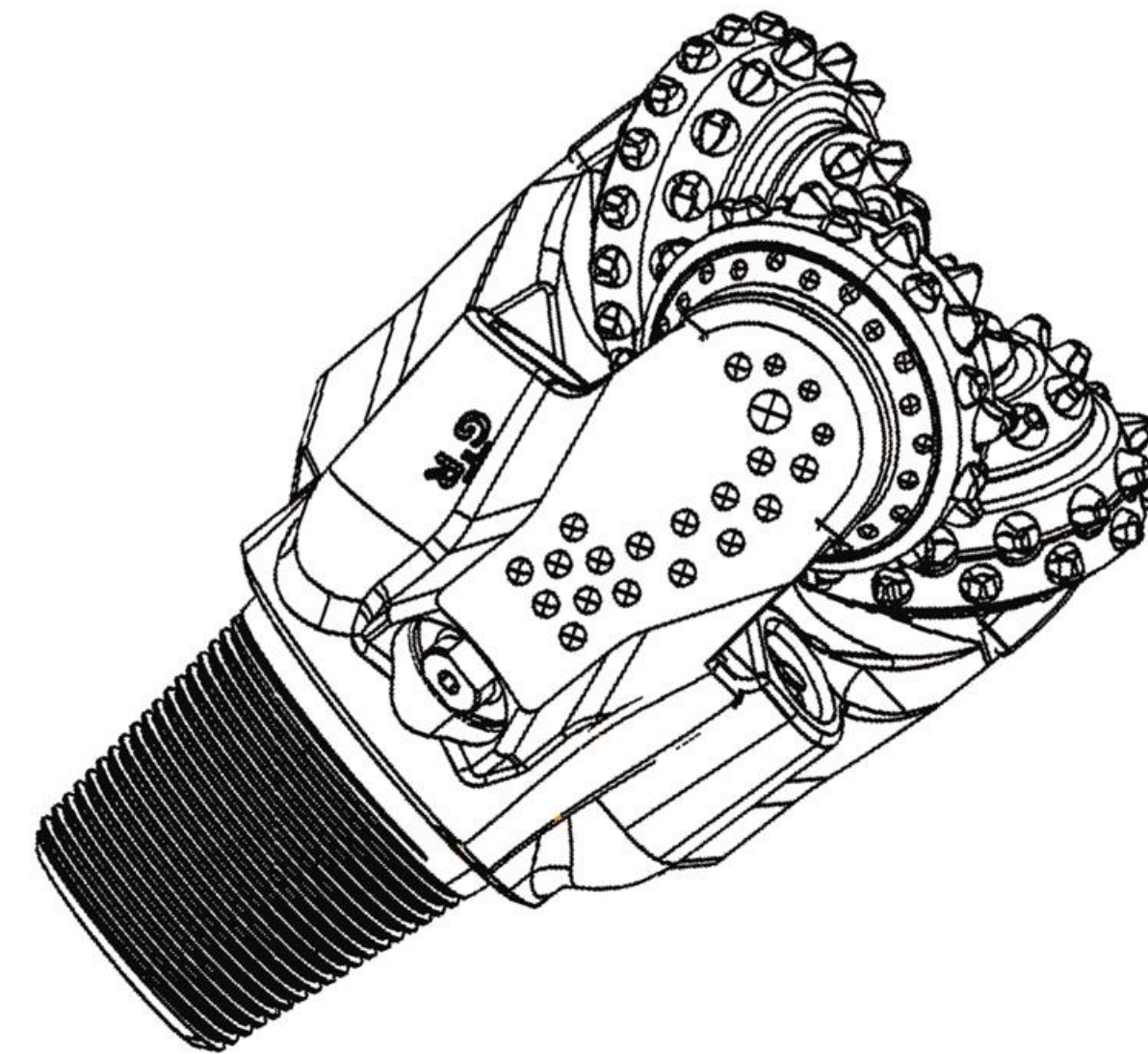
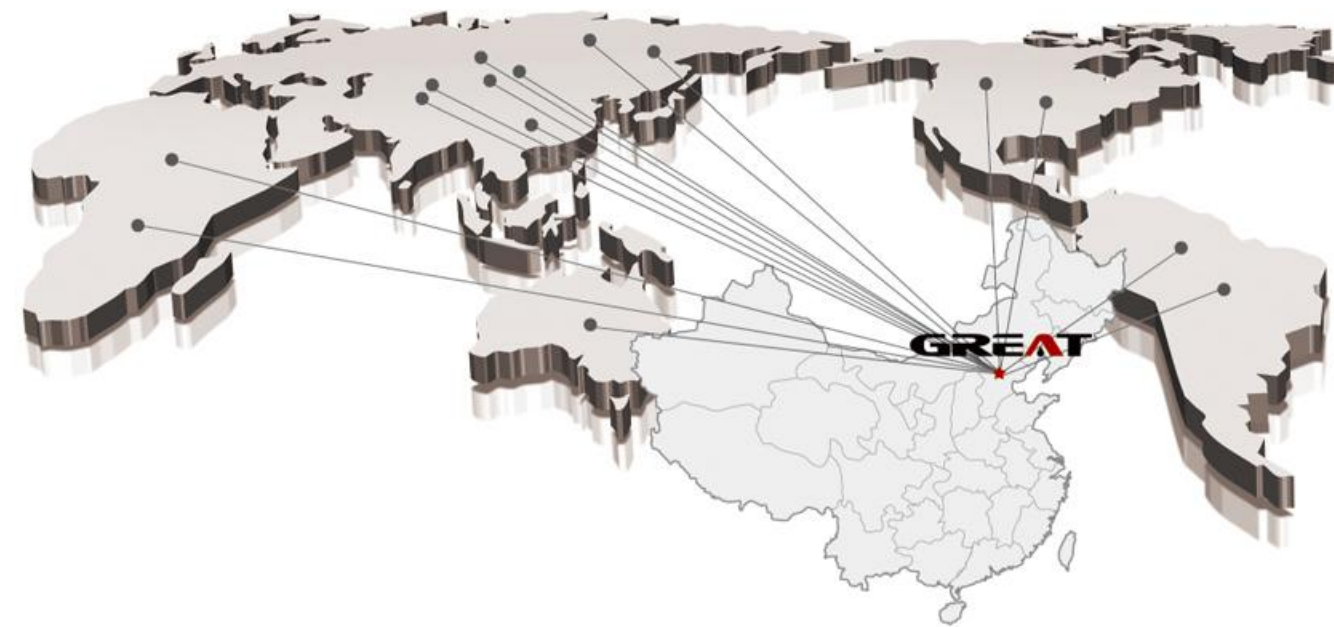
公母拉头  
Male & Female Puller



分动器  
Swivel



探棒仓  
Transmitter Housing



**GREAT HDD TOOLINGS**

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**公司简介** Company profile

沧州格锐特钻业有限公司成立于2010年，品牌“格锐特”，专业致力于非开挖岩石钻具及石油装备产品的研发、设计、生产与销售，系中石油、中石化、中海油一级物资供应商。

公司生产基地位于河北省河间市经济开发区，注册资金1亿元，占地40000㎡，拥有多台进口高端精密车铣复合、五轴联动设备，并引进了进口检测设备，严格控制产品质量。

主要产品：牙轮钻头，非开挖牙轮片，岩石扩孔器，PDC钻头，取芯钻头，偏心钻头，提速工具等。

格锐特通过先进的设计手段、制造工艺、国际化的管理体系以及持续的技术创新，实现了产品的卓越品质，得到国内外客户高度认同，与国内各大油田和非开挖工程公司建立了战略合作关系。同时产品远销美国、俄罗斯、加拿大、中东、印尼、中亚等国家和地区。

本公司始终如一坚持实业报国发展理念，以促进能源开发为己任，创新驱动、科学发展，是牙轮钻头，PDC钻头制造业亚洲地区最大的规模企业之一；同步建设供行业共享的技术服务平台和研发中心，通过自主创新和技术合作，在金刚石钻头领域研发了具有自主知识产权的核心技术。

本公司拥有完备的科研和质量管理体系，被认定为“高新技术企业”，通过了API Spec 7-1 会标产品认证、ISO9001:2008质量管理体系及ISO14001:2004环境管理体系认证。

公司以海纳百川的胸怀吸纳各类优秀人才，凝聚了一批优秀的科技人才和创新领军人物，组建了各种专业团队，与国内大专院校、研究院及国外专业机构建立了产学研合作关系，使公司产品达到了国际先进水平，保持和创造了多项业内技术指标纪录。

公司按照“横向发展做精做强钻头产品，成为行业引领；纵向发展，做专做大石油装备和穿越工程行业，实现产业链整合”，打造规模化、专业化、国际化制造企业集团。

Our brand is GREAT, founded in 2010, specialized in processing,R&D, design, production, and sales of petroleum equipment.No-Dig. Up to now, we have to be the top material supplier of CNPC, SINOPEC, CNOOC. We have a 40,000 m² of production based in Hebei, and several international advanced production lines featured in turning-milling compound, five-axis linkage, special for high-performance diamond processing, with the annual production capacity of more than 10,000 pcs. We provide the drill bits from 3" to 36", Rock reamer from 8"- 72", Such as PDC bit, Tricone bit, Roller bit, Diamond Core bit, Bi-center bit, PDC reamer, Hole opener, etc.

Depending on our advanced design tools, manufacturing processes, international management system and continuous technological innovation. The products also are exported to India, the United States, Russia, Canada, the Middle East, Indonesia, and other countries and regions.

Meanwhile, we build a service platform and R & D center to share the technology with other partners in the area: Based on the independent innovation and technical cooperation, we own the independent intellectual property rights of the core technology in the field. We also have complete scientific research and quality management systems were identified as high-tech enterprises. We have been awarded the API Spec7-1 Certification, ISO9001:2008 quality management system and ISO14001:2004 environmental management system certification. One hand, we will be more professional in drill bits to be the leader of the field according to the concept of broadwise development; on the other hand, we will try to integrate the industry chain, and create a large-scale, specialized, internalized petroleum equipment and Trenchless products manufacturing group.



**牙轮生产工艺** Cones process flow



**牙掌生产工艺** Sections process flow



**质量检测** Quality inspection

引进美国进口高端检测设备，对原材料，生产过程严格控制。  
Imported high precision testing equipment from the United States, strict quality control of raw materials, production process.



**非开挖牙掌片** Roller cone cutters

定制生产各种尺寸及型号的金属密封和橡胶密封非开挖牙掌片。优势：轮背加密布齿设计，掌尖加强敷焊，掌背瀑布齿和敷焊，延长使用寿命，提高稳定性和耐用性。  
Custom-made production of various sizes and types of metal seal and rubber seal roller cone cutters . Advantages : full cover carbide insert and hard facing ,improve service life, stability and durability.



**牙轮钻头（导向钻头）** Tricone Bit (Pilot Bit)

**437/517/537/617/637/717/737**

齿形包括：楔型齿、宽顶齿、勺型齿、锥球齿、球头齿、锥球金钢石复合齿、平头金钢石复合齿，根据不同的地层选择不同的齿型。  
Tooth shape includes wedge-shaped tooth(X),wide top tooth(Y), spoon type tooth(S), conical-ended shapetooth(Y), hemi-spherical ended shape tooth (Y1),gageprotection by diamond enhanced cutters on cone(F), flat diamond tooth(P).Different tooth types are selected according to different strata.

适用于抗压强度的中等地层，如中软页岩、硬石膏、中软石灰岩、中软砂岩和有硬夹层的中等地层。  
It is suitable for medium strata with high compressive strength,such as mediumsoft shale, anhydrite, medium soft limestone, medium soft sandstone and mediumstratum with hard intercalation.

**111/114/115/116/117/127 211/214/216/217**

适用于抗压强度、高可钻性的极软地层，如粘土、泥岩、白垩等。  
It is suitable for low compressive strength and high drillability in extremely softstrata, such as clay, mudstone,Cretaceous and so on.

**岩石扩孔器** Rock Reamer

格锐特可根据工程需求，设计生产各类岩石扩孔器，应用于非开挖及穿越施工行业。尺寸覆盖为250mm-1800mm。GREAT can be customized different size and type Rock reamers ,mainly used for horizontal directional drilling(HDD) , trenchless .Mainly size 250mm to 1800mm for all sorts of rock formation.

