

Ultimate Factory of Top Hammer Drilling Tools



KINGS ROCK TOOLS

BRIFE INSTRUCTION

www.kingsrocktools.com



CONTENT



Our Company



Main Proudcts



Work Shops



Techincal Center

WHO WE ARE



“

*Produce the premier hollow drill steel,
Create a top brand of rock drilling
tools*

”

— Mr. Gao Shencai (General Manager)



Henan Kings Rock Tools Co.,Ltd

Originally founded in 1977, is specialized in producing high quality **hollow drill steel and top hammer rock drilling tools** for mining, quarrying, tunnelling, construction and related industries in the world.

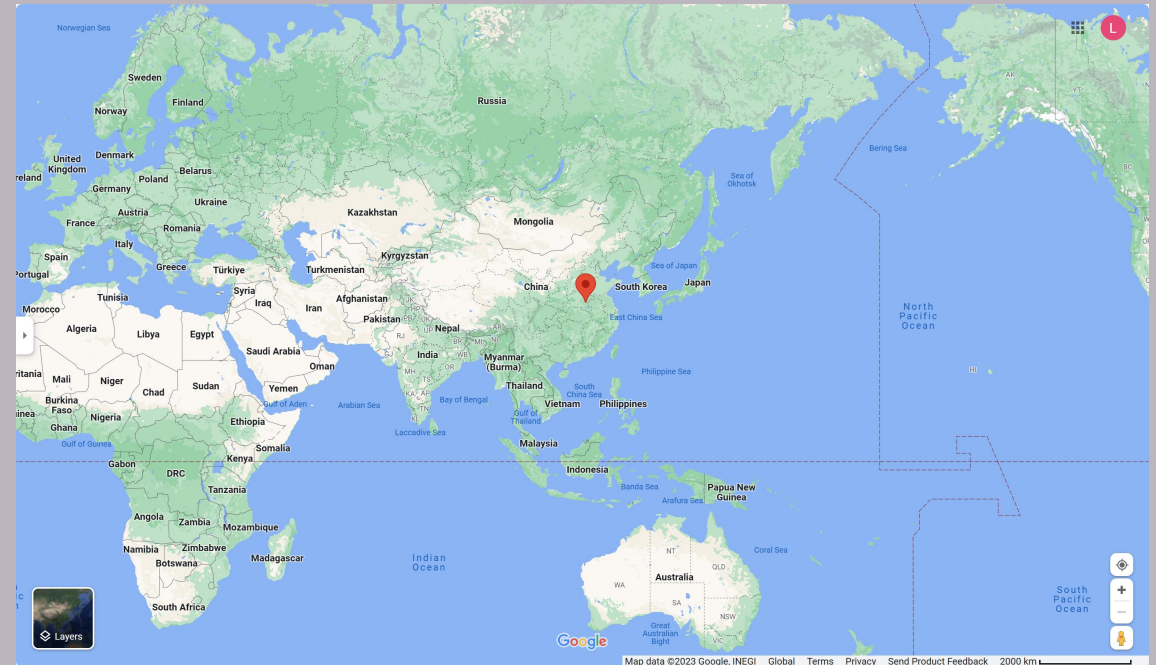
There are **8** production line for hollow steel, tapered rod, tapered bit, top hammer drill rod, bit, shank and coupling. we are striving to offer complete rock drilling consumables and one-stop solutions with our clients.

OUR LOCATION

Area: **100,000** m² = 200 acer



8 production lines-17 workshops



Location: Zhoukou City, Henan, China



SHANK ADAPTER

STEEL MATERIAL

TAPER ROD

WAREHOUSE

DRILLING BIT

1st STEEL ROLLING

2nd STEEL ROLLING

DORMITORY

OFFICE

SPARE PARTS

LABORATORY

ENTRANCE

OUR STORY

1977

Original founded in
1977s by
Mr. Gao' s father

2002

Mr Gao,take over
company and
business managment

2014

Imported specific
steel milling
production line

2017

Second steel
rolling line
start to use

2023

Automatic
intelligent drill bit
production line

1990

Introduce excellent
machinery and
equipment

2010

The plant moved to
Zhoukou, named
Kings Rock Tools

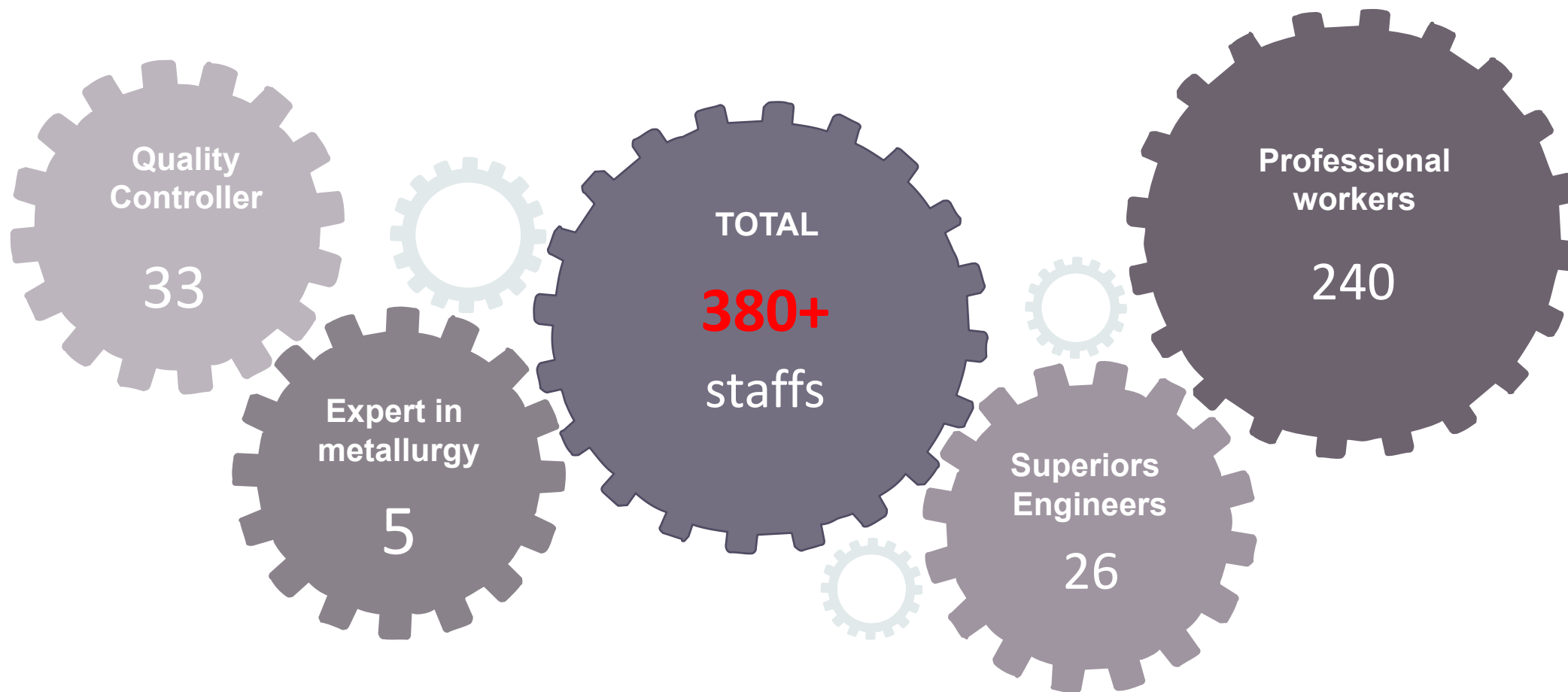
2015

Supply OEM
service to **Atlas**
Copco

2021

Set up **CNC** lines
and **Carburizing**
treatment

OUR TEAM

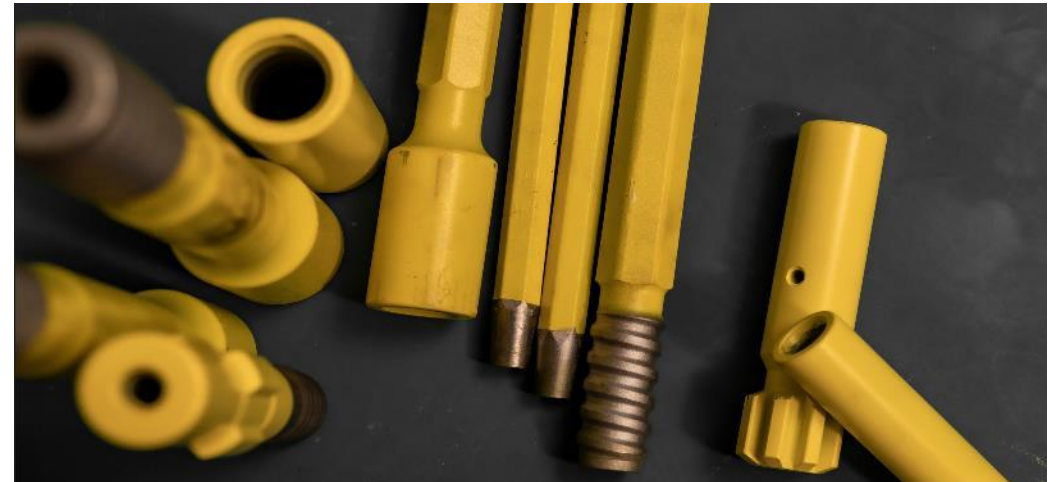


01

HOLLOW DRILL STEEL

Hexagon and Round

H22/H25/H28/H32/H35/R32/R39/R
46/R52/R60



02

Drill Rod

Tapered rods:H22/H25-108/159

**Speed rods, Extension rods, Drifter
Rod, Guide tube, GT60**

Coupling, Shank adapters

01

Taper Bits

Degree:7/11/12

Diameter:32-42mm

button:5,6,**7**,8



02

Thread Button Bits

Thread: R25,R28,R32,T38,T45,T51

Diameter:38mm,41mm,43mm,45mm,48mm,51mm,57mm,64mm,76mm,89mm,102mm,115mm

Buttons:7,**9**,10,12,13,14,18

PRODUCT DISPLAY

圆形中空钢



螺纹钎杆



螺纹钎杆



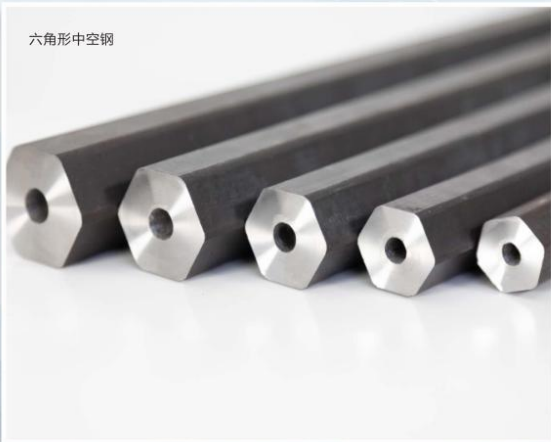
锥度钎杆



锥度钎杆



六角形中空钢



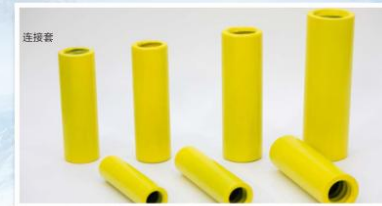
锥度钎杆



螺纹钎头



连接套



锥度钎头



钎尾



螺纹钎头



PRODUCT CAPACITY

Hollow Drill Steel

50,000+ tons/ year

Tapered Rods

20,000+ tons/ year

Threaded Rods

200,000+ pcs/ year

Couplings & Shank
Adapters

50,000+ pcs/ year

Drill Bits

6,000,000+ pcs/ year



WHY CHOOSE US

FULL INDUSTRY CHAIN

From hollow steel material to final drill tools

INNOVATION

New material research ,heat treatment improvement,New thread ,New technology

FAST DELIVERY

Hollow steel and semi-finished tools inventory



PREMIUM QUALITY

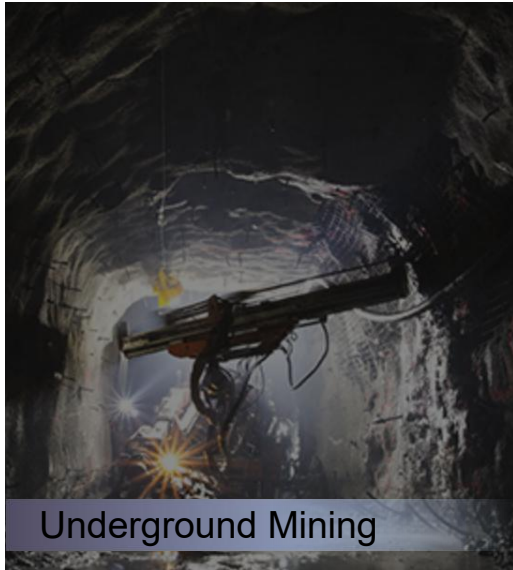
Strict quality inspection in every process during production

PRECISE MACHINING

CNC machine,over 10 years of working experience

Good After-sales

INDUSTRY APPLICATION



The top hammer rock drill tools produced by KINGS ROCK TOOLS are mainly used in the following industries: underground mining, tunneling, surface drilling, quarrying, urban construction, etc.

OUR AWARDS



NEW HIGH-TECH ENTERPRISE

Enterprises that continue to conduct R&D and transform technological achievements.



SRDI MINOR ENTERPRISE

SRDI refer to those with the characteristics of "specialization, refinement, peculiarity and novelty".



PROVINCIAL ENTERPRISE TECHNOLOGY CENTER

Enterprise has strong technological innovation **ability** and technological competitiveness

OUR AWARDS



ISO45001 ENVIRONMENT



ISO14001 OCCUPATIONAL



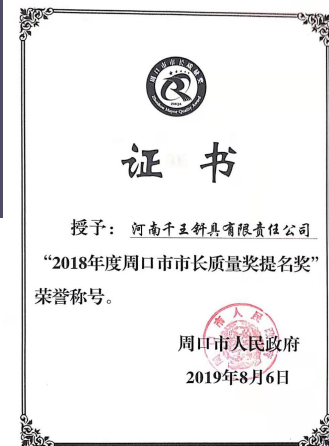
ISO9001QUALITY SYSTEM



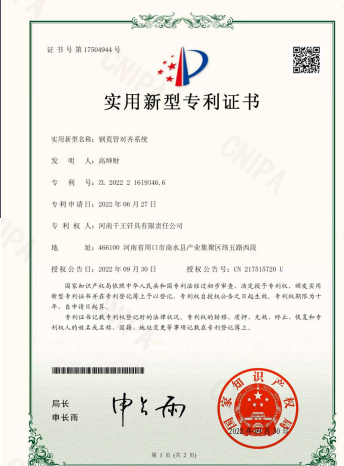
INVENTION PATENT



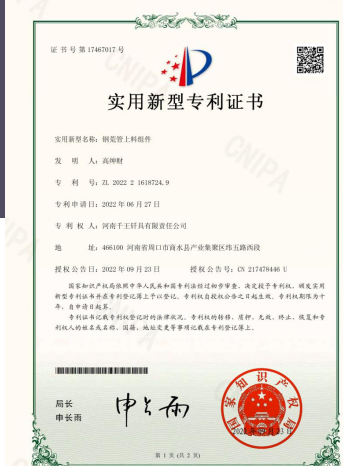
INVENTION PATENT



MAYOR'S QUALITY AWARD



UTILITY MODEL PATENT



UTILITY MODEL PATENT



UTILITY MODEL PATENT



UTILITY MODEL PATENT

TOP MATERIAL SUPPLIER



High quality steel material

Kings Rock Tools only adopt the best raw materials , in order to offer our customers ranging from soft rock to hard rock drilling.



55SiMnMo

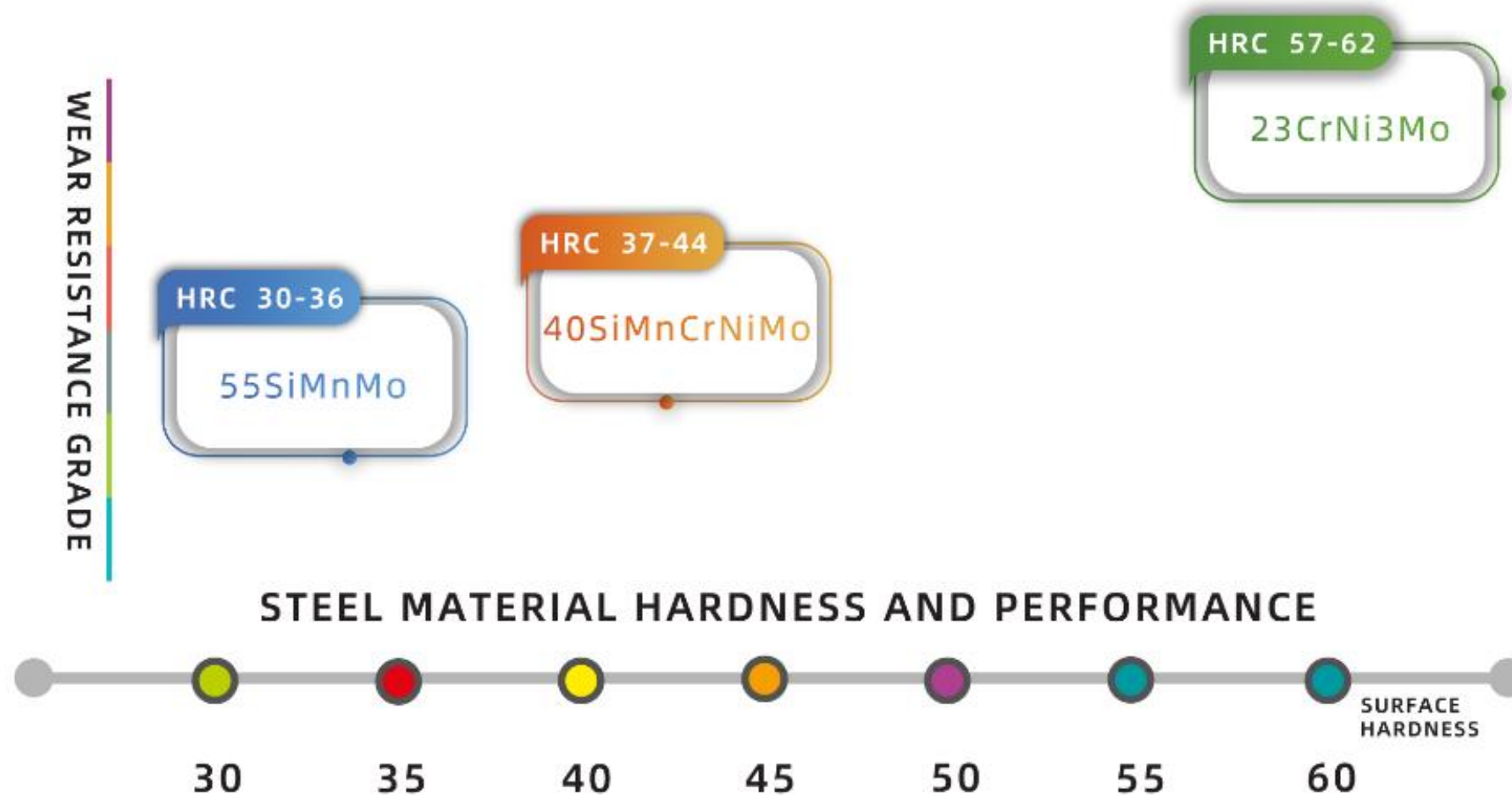
Main material of tapered rods, suitable for medium hard rocks.



23CrNi3Mo (Sanbar 64)

Mainly used for MF/extension rods, coupling, shank adapters, suitable for high hardness rocks.

DRILL STEEL PERFORMANCE



FACTORY TOUR: Phrase I STEEL ROLLING DIVISION



PREMIUM MATERIAL



DRILLING MACHINE



INSERT CORE BAR



HEATING FURNACE

Rolling Method: Mechanical drilling – Rolling with core bar



Φ550 ROLLING MILL



Φ450 ROLLING MILL



FINISH MILL UNIT



COOLING BED

FACTORY TOUR: **TAPER ROD WORKSHOP**



TAPER RODS

KINGS ROCK TOOLS had 48 years manufacturing experience , account for **35%** market share in this industrial of China market.

FACTORY TOUR: Phase II STEEL ROLLING DIVISION



HEAT FURNACE



MEDIUM FREQUENCY HEATING



Φ180 HOT DRILLING



Rolling Method: Hot Drilling – Hot Rolling



REDUCTION UNIT



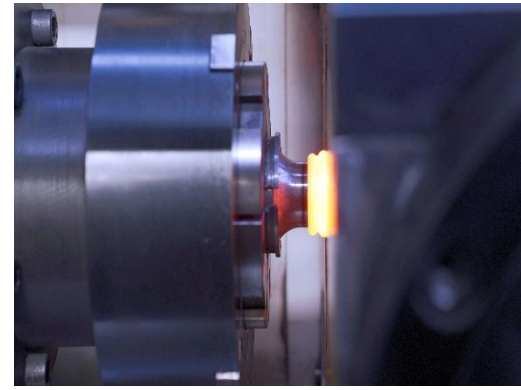
FINISH REDUCTION



COOLING BED



FACTORY TOUR: **TREADED ROD WORKSHOP**



THREAD RODS

MF ROD, EXTENSION ROD, DRIFTER ROD, COUPLING, BIT ADAPTER, SHANK ADAPTER

FACTORY TOUR: Drill Bits



Premium tungsten carbide

High machining precision

Strict quality control

Automatic intelligent processing

Standard production lines

Heat treatment technology



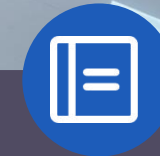
Raw material
Inspection



Quality
Inspection



Technology
Improvement



New products
Research

LABORATORY EQUIPMENT



CARBON SULFUR ANALYZER

Quantitative analysis of carbon and sulfur elements in iron and steel materials



METALLOSCOPE

Metallographic images are observed and metallographic graphs are analyzed



PROFILOMETER

Measuring and inspecting the contours, two-dimensional dimensions and two-dimensional displacements of objects



CHEMICAL COMPOSITION ANALYSIS

Analysis of metal chemical composition



UNIVERSAL TESTING MACHINE

Test the mechanical properties of materials, which can carry out tensile, compression, bending, etc.



HARDNESS ANALYSIS

Brinell hardness tester and Rockwell hardness tester

From the physical and chemical inspection of **raw materials, semi-finished products, and finished products**, it effectively supports the smooth progress of production and new product, and provides guarantee for product quality.



New Thread Design



Male Friction Welding



Female Friction
Welding

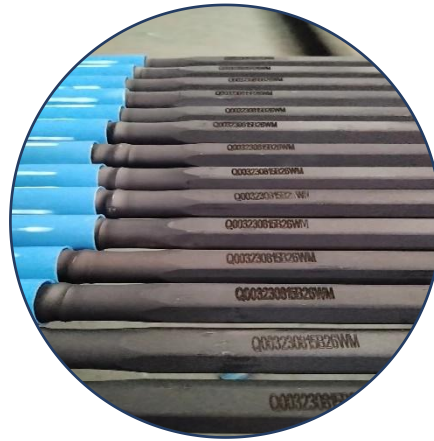
CUSTOMIED DESIGN



COLOR PAINTING



CAPE COLOR

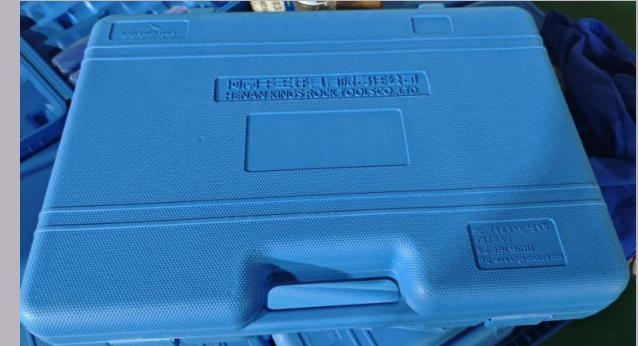


LOGO PRINTING



LABEL

PACKAGING



Water Proof packaging can protect products from breakage, rust,wet during transport.

GT 60



Guide Tube



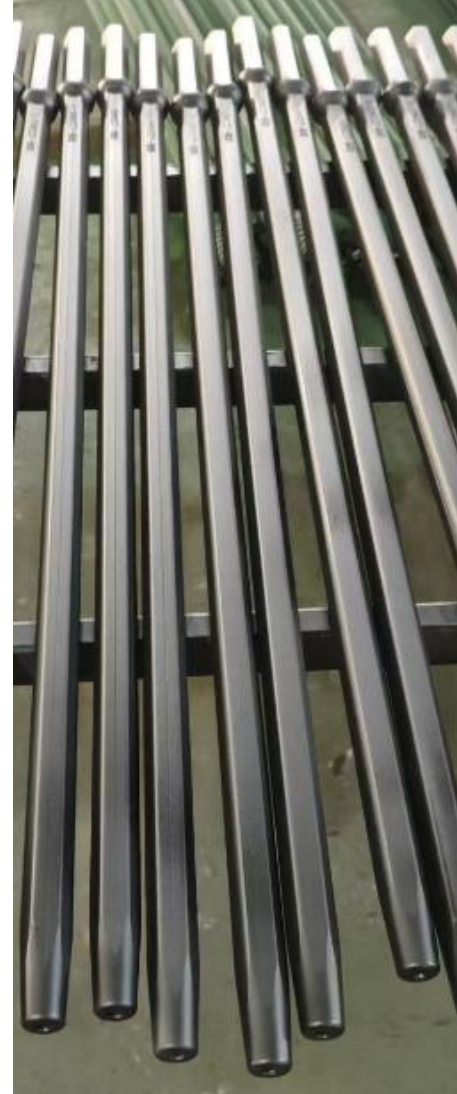
MF Rod



Drifter Rod



Taper Rod



SERVICE & SUPPORT



KINGS ROCK TOOLS STAY WITH YOU FOREVER!





THANK YOU FOR WATCHING

HENAN KINGS ROCK TOOLS CO.,LTD

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