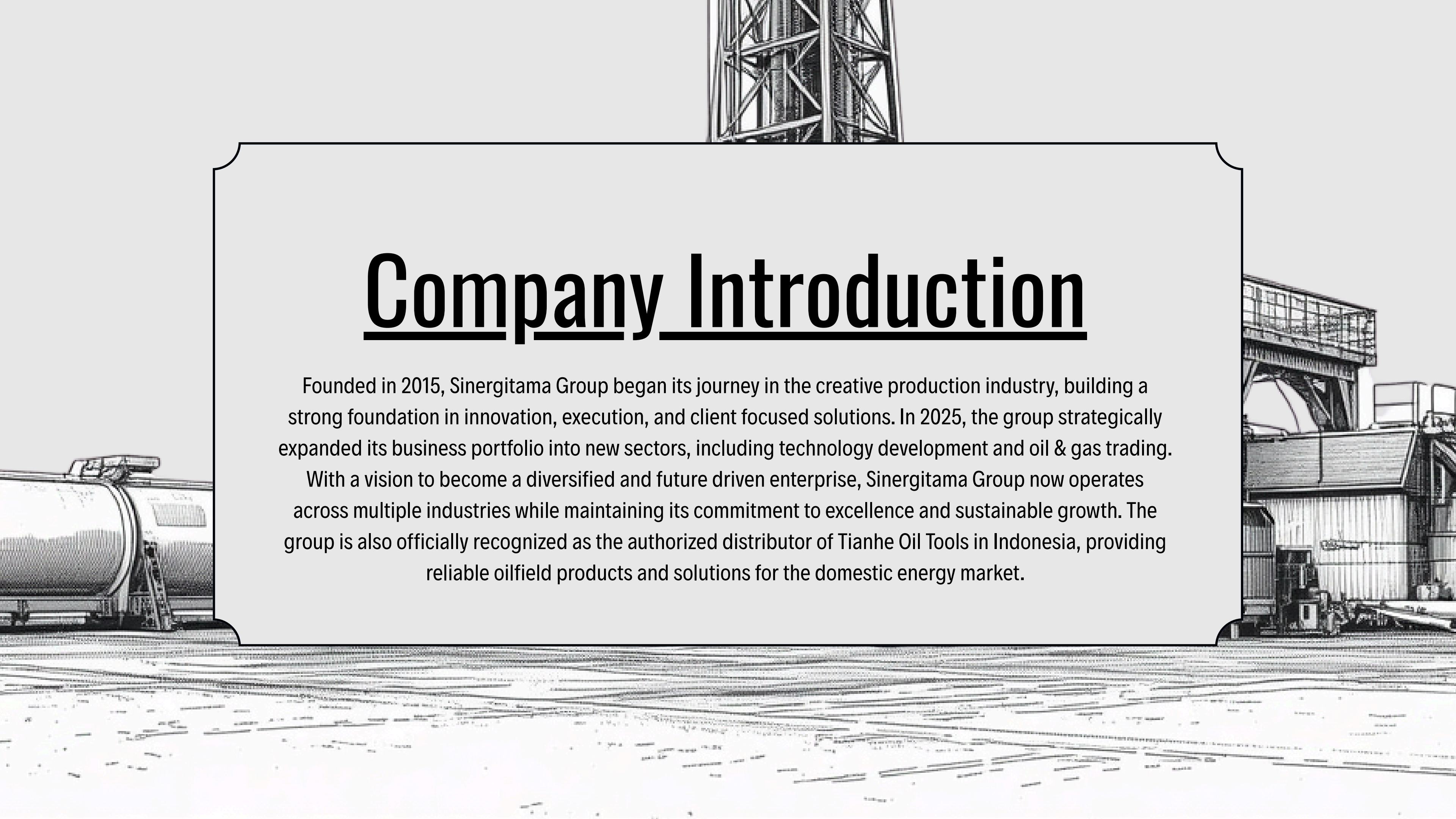




Company Profile

Official Authorized Distributor of
Tianhe Oil Tools



Company Introduction

Founded in 2015, Sinergitama Group began its journey in the creative production industry, building a strong foundation in innovation, execution, and client focused solutions. In 2025, the group strategically expanded its business portfolio into new sectors, including technology development and oil & gas trading.

With a vision to become a diversified and future driven enterprise, Sinergitama Group now operates across multiple industries while maintaining its commitment to excellence and sustainable growth. The group is also officially recognized as the authorized distributor of Tianhe Oil Tools in Indonesia, providing reliable oilfield products and solutions for the domestic energy market.



Our Role

Key supplier in the industry

High Quality Equipment

PT. Sinergitama Energy Solution specializes in supplying industry leading oil drilling equipment to ensure optimal performance and reliability for our clients' operations, meeting the highest standards of quality and safety.



Our Core Values



INNOVATION

We continuously develop and integrate advanced technologies to enhance operational efficiency, improve product performance, and provide future ready solutions for the oil & gas industry.



QUALITY

Quality is at the core of our business. We comply with internationally recognized oil & gas standards, including API (American Petroleum Institute) standards, to ensure consistent performance and reliability.



RELIABILITY

We prioritize consistency, accountability, and dependable performance in every partnership. Our clients trust us to deliver products and solutions that support operational continuity and long term success.



Ricky Tejasukmana

Message from our CEO

“At PT. Sinergitama Energy Solution, we are committed to delivering innovative, high-quality, and reliable solutions for the oil & gas industry.

Guided by international standards and continuous technological advancement, we strive to support our clients with products and services that enhance operational efficiency and long-term performance.

Our foundation is built on three core values: Innovation, Quality, and Reliability principles that define our commitment to excellence and customer satisfaction.

We appreciate your trust in PT. Sinergitama Energy Solution and look forward to building lasting partnerships for sustainable growth.”

Our Certifications





Partnership

Collaborating with TIANHE for Excellence

Authorized Distributor: PT. Sinergitama Energy Solution is proud to be an authorized distributor of Tianhe Oil Tools, ensuring access to top-tier products tailored for the oil drilling industry.

Quality Assurance: We prioritize quality assurance in every product supplied, enabling our clients to achieve optimal performance and reliability in their drilling operations through trusted TIANHE technologies.



TIANHE OIL TECHNOLOGY CO., LTD

天合石油技术股份有限公司

No. 101, Committee-1 XinhuaBei, Hailin City, Heilongjiang Province, China

TIANHE DISTRIBUTOR AUTHORIZATION

We, TIANHE OIL TECHNOLOGY CO., LTD Add: 101, No.1 Committee Xinhua North Hailin City , People's Republic of China, is the manufacturer & supplier of the Down-hole Drilling & Fishing tools.

We hereby authorize:

PT Sinergitama Energy Solutions from Jakarta , Indonesia to distribute our products in Indonesia market in accordance with the principle of equality, mutual trust and benefit. SINERGITAMA company will promote Tianhe products comply with the Indonesia laws and regulations of the country.

Effective Date: 2026.04.16-2028.04.16

TIANHE OIL TECHNOLOGY CO., LTD

天合石油技术股份有限公司

No. 101, Committee-1 XinhuaBei, Hailin City, Heilongjiang Province, China





REGISTRATION NO. Q1-3691

Certificate of Registration

The American Petroleum Institute certifies that the quality management system of
TIANHE OIL GROUP HUIFENG PETROLEUM EQUIPMENT CO., LTD.

**101, No. 1 Committee
Xinhua North
Hailin City, Heilongjiang
People's Republic of China**

has been assessed by the American Petroleum Institute and found to be in conformance with the following:

API Spec Q1, 9th Edition

The scope of this registration and the approved quality management system applies to the

Manufacture of Downhole Tools, including Casing or Tubing Couplings, Tool Joints, Drill Stem Subs, Stabilizers, Centralizers, Drill Collars, Kellys, Heavy Weight Drill Pipe, Coring Tools and Drilling Accident Handling Tools; Design and Manufacture of Kelly Valves, String Safety Valves, Downhole Motors and Jars

API approves the organization's justification for excluding
Servicing



**Effective Date: MARCH 27, 2024
Expiration Date: MARCH 27, 2027
Registered Since: MARCH 27, 2018**

Anchal Liddar

Senior Vice President of Global Industry Services

This certificate is valid for the period specified herein. The registered organization must continually meet all requirements of API Spec Q1, Specification for Quality Management System Requirements for Manufacturing Organizations for the Petroleum and Natural Gas Industry, and the requirements of the Registration Agreement. Registration is maintained and regularly monitored through annual full system audits. This certificate has been issued from API offices located at 200 Massachusetts Avenue, NW Suite 1100, Washington, DC 20001-5571, U.S.A. It is the property of API and must be returned upon request. To verify the authenticity of this certificate, go to www.api.org/compositelist.

2021-164 | 11.21 | Digital



职业健康安全管理体系认证证书

编号: 01024S10158R5M

兹 证 明

天合石油技术股份有限公司

黑龙江省牡丹江市海林市新华北1委101号
邮 编: 157100 统一社会信用代码: 91231000790511031X

职业健康安全管理体系符合

**GB/T 45001—2020/ISO 45001:2018
《职业健康安全管理体系 要求及使用指南》**

该体系适合范围为

钻井工具、取芯工具、固井工具、事故处理工具等
井下工具的生产; 管线阀门(许可证要求产品除外)、
钻井和井上操作设备、螺杆钻具、震击器的设计、
开发和生产及相关活动和场所

本证书有效期自 2024 年 08 月 20 日至 2027 年 09 月 12 日

第一次监督通过

第二次监督

获证组织必须定期接受监督审核通过保持注册资格决定并粘贴标识后此证书继续有效。

总经理(签名):

东北认证有限公司



换发证书日期: 2026 年 03 月 12 日

沈阳市沈河区文艺路 21-1 号



中国认可
国际互认
管理体系
MANAGEMENT SYSTEM
CNAS C010-M

证书信息可在国家认证认可监督管理委员会官方网站(www.cnca.gov.cn)及本机构网站(www.nac.com.cn)上查询。
The certificate information can be found on the CNCA official website (www.cnca.gov.cn) and the institution's website (www.nac.com.cn).



**American
Petroleum
Institute**



2018-151 | Digital

Certificate of Authority to use the Official API Monogram

License Number: 7-1-0396

ORIGINAL

The American Petroleum Institute hereby grants to

TIANHE OIL GROUP HUIFENG PETROLEUM EQUIPMENT CO., LTD.

101, No. 1 Committee

Xinhua North

Hailin City, Heilongjiang

People's Republic of China

the right to use the Official API Monogram® on manufactured products under the conditions in the official publications of the American Petroleum Institute entitled API Spec Q1® and **API-7-1** and in accordance with the provisions of the License Agreement.

In all cases where the Official API Monogram is applied, the API Monogram shall be used in conjunction with this certificate number: **7-1-0396**

The American Petroleum Institute reserves the right to revoke this authorization to use the Official API Monogram for any reason satisfactory to the Board of Directors of the American Petroleum Institute.

The scope of this license includes the following: Stabilizers, Heavy Weight Drill Pipe, Drill Collars, Drill Stem Subs, Kellys, Kelly Valves

QMS Exclusions: Servicing

Effective Date: FEBRUARY 3, 2025

Expiration Date: MARCH 27, 2027

To verify the authenticity of this license, go to www.api.org/compositelist.

Anchal Liddar

Senior Vice President of Global Industry Services



**American
Petroleum
Institute**



2018-151 | Digital

Certificate of Authority to use the Official API Monogram

License Number: 7-2-0852

ORIGINAL

The American Petroleum Institute hereby grants to

TIANHE OIL GROUP HUIFENG PETROLEUM EQUIPMENT CO., LTD.

101, No. 1 Committee

Xinhua North

Hailin City, Heilongjiang

People's Republic of China

the right to use the Official API Monogram® on manufactured products under the conditions in the official publications of the American Petroleum Institute entitled API Spec Q1® and **API-7-2** and in accordance with the provisions of the License Agreement.

In all cases where the Official API Monogram is applied, the API Monogram shall be used in conjunction with this certificate number: **7-2-0852**

The American Petroleum Institute reserves the right to revoke this authorization to use the Official API Monogram for any reason satisfactory to the Board of Directors of the American Petroleum Institute.

The scope of this license includes the following: Rotary Shouldered Connections Threads

QMS Exclusions: Servicing

Effective Date: FEBRUARY 3, 2025

Expiration Date: MARCH 27, 2027

To verify the authenticity of this license, go to www.api.org/compositelist.

Senior Vice President of Global Industry Services

Our Products



Our Comprehensive Product Portfolio

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MECHANICAL DRILLING JAR
QYSZ DOUBLE ACTING HYDRAULIC
DRILLING JAR
ZSJ/ZXJ HYDRAULIC & MECHANICAL
TWO-PIECE DRILLING JAR
YSJ TYPE Z OIL JAR
CSJ SUPER FISHING JAR

ZJS JAR INTENSIFIER
DJ SURFACE BUMPER JAR
KXJ FISHING BUMPER SUB
BXJ LUBRICATED FISHING BUMPER SUB
SJ DOUBLE-WAY SHOCK ABSORBER
YJ ONE-WAY SHOCK ABSORBER
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SERIES 150 OVERSHOT ACCESSORIES
SERIES 70 SHORT CATCH OVERSHOT
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CZJQZ-II TYPE 360° ROTATION HYDRAULIC
BUCKING UNIT
LMST-II DOWNHOLE MOTOR TESTER & SYJ
HYDRAULIC JAR TESTER
DYNJ-200/20 TYPE HYDRAULIC SCREWING
MACHINE, SXL AUTOMATIC LOADING AND
UNLOADING MACHINE
HIGH TORQUE DOUBLE SHOULDER
THREADED CONNECTION
QUALITY EXAMINATION

CZJ320W Hydraulic Bucking Unit



| CZJ320W Hydraulic Bucking Unit is specifically designed to cater to the structures and mechanical features of completion tools. It offers the most precise and efficient means of achieving proper make-up/break-out torque either on or off the rig floor for completion tools, drilling tools, oil recovery tools, geological tools and other thin-walled tubes. One of the main advantages of CzJ-320W is the design whereby the clamping force is proportional to the torque provided. Moderate clamp force, small make-up torque and its clamp diameter range makes it suitable for make-up ...

Drill pipe



| The common drill pipe is a rod that connects the drill bit, delivers the drilling fluid and transmits the power in the drilling tool. Our common drill pipe conforms to SY/T5561 and API Spec5DP standards. In order to reduce the wear of the casing and drill pipe, we can weld the wear belt at the end of the drill pipe female buckle joint. Our company has obtained the production and use license of ARNCO 100XT, ARNCO 150XT, ARNCO 300XT and ARNCO 350XT authorized by the American Anke company.

Oscillator



| The Oscillator can improve the effectiveness of bit weight transfer and reduce the friction between drilling tool and borehole through the longitudinal vibration produced by the hydraulic action of drilling fluid, especially in the process of directional drilling to improve the bit weight transfer and reduce torsional vibration. It is a downhole tool used to solve downhole depressurization and improve weight on bit transfer. Smooth weight on bit transfer improves the ability to adjust the bit toolface to reach further target zones. It does not require too much work to adjust the tool face...

Open Type Quick-rotary Hydraulic Bucking unit

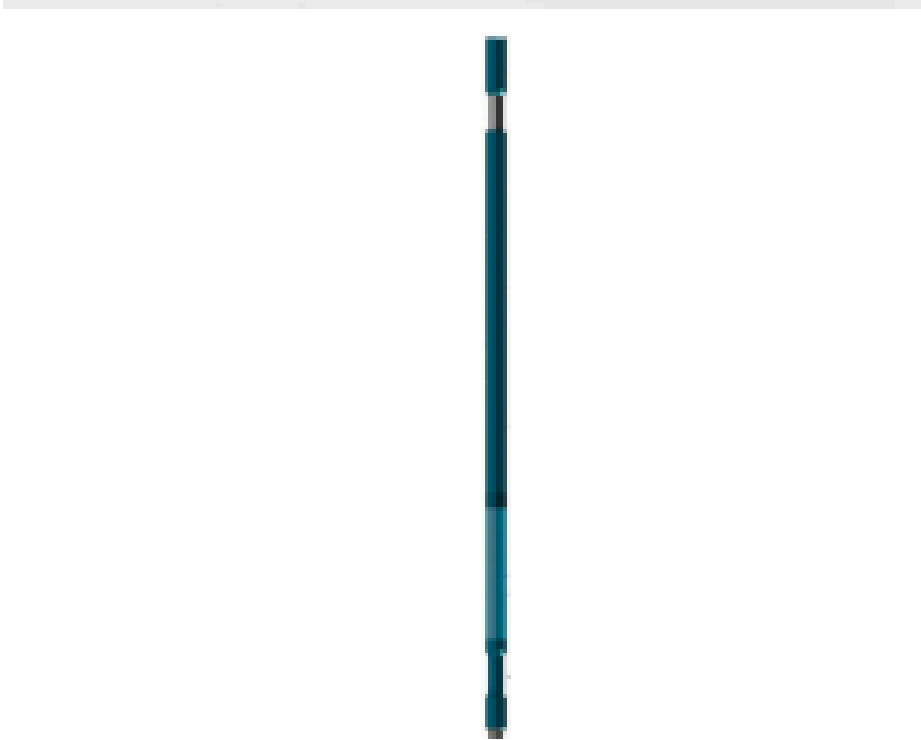


| CZJ-400IS Open Type Quick-Rotary Hydraulic Bucking Unit is the Hydraulic Make/Break Unit with an Open Type Hydraulic Spinner (Quick-Rotary) Assembly. Open Type Quick Rotary Spinner enables easy loading and unloading of tools during operation. The ease of operation greatly improves work efficiency, and reduces the risk of tools damage due to collision.



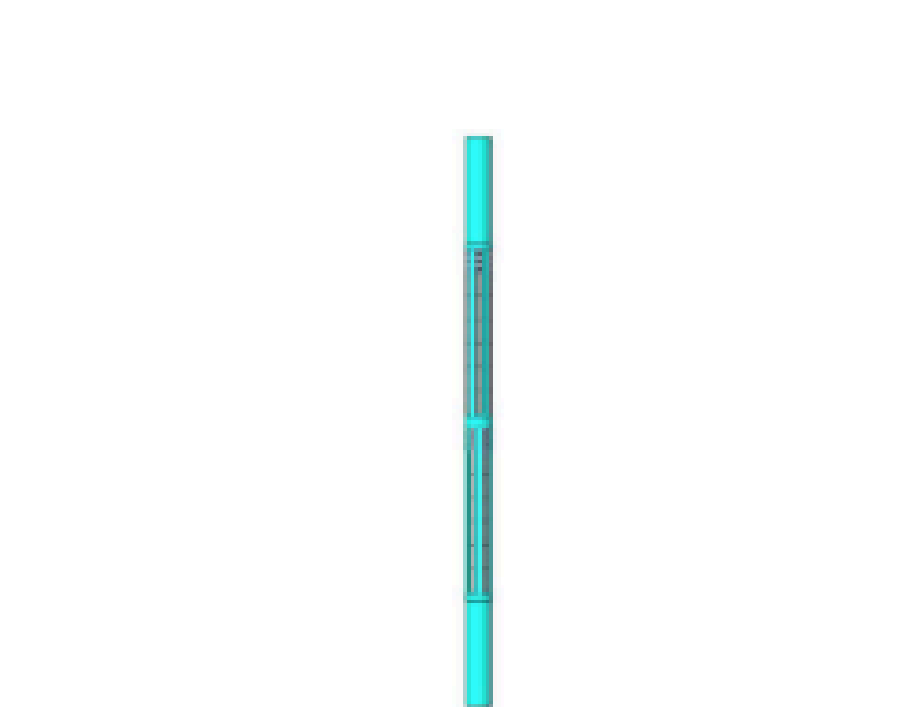
High performance Downhole Motor

I Tianhe Downhole motor design d on the most advanced international design technology. We have a Closely cooperating with domestic, surgical I research institutes, universities and oilfield drilling companies, and through careful research and development of R & D center in Canada, the d esign of technical parameters and structure can meet the most demanding oil drilling needs. Tianhe downhole motor is designed for durability an d longer service life for different use conditions, with the most stringent specific tolerances for design and manufacturing standards.



QY type Hightemperature Hydraulic Drilling Jar

I QY type high temperature hydraulic drilling jar is a new generation of double-acting hydraulic jar that is fully upgraded by our company on the b asis of the original QY full-hydraulic drilling jar. It has the characteristics of simple operation, adjustable shock tonnage, high temperature resista nce, etc.This type of drilling jar adopts a new hydraulic delay release system, which has excellent reliability and wide adaptability.



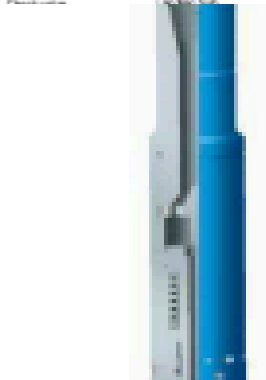
String Magnetic

I YTQC type string magnetic is one of the auxiliary tools to ensure normal drilling operation and bottom hole cleaning after downhole accident tre atment. The main feature of this product is that it works together with the junk mill in the fishing operation, which is different from the previous pr actice of lifting the drill after milling, and then connecting the drill string with the strong magnetic fishing device to go down the well for bottom hol e cleaning, saving a trip down the well, which saves both drilling costs and fishing time.



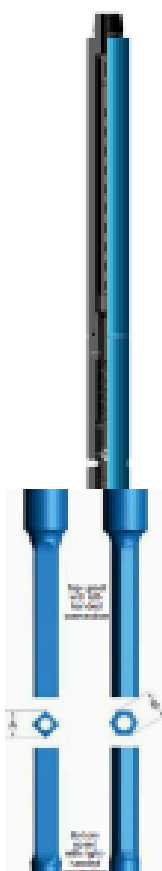
Drop-In Check valves

I Drop-In Check valves prevent return flow during a kick and are suitable for most drilling situations in which return flow through the drill string is a risk and normal operation requires the benefits of a full-bore sub. By preventing upward flow through the drill pipe and allowing fluid to be pumped downward to circulate the well, the valves provide the driller with the means to control the drill pipe pressures when required, significantly improving and simplifying well control.



Section mills

I Section mills are primarily used to milling sections in the casing (for side tracking, gravel packing)



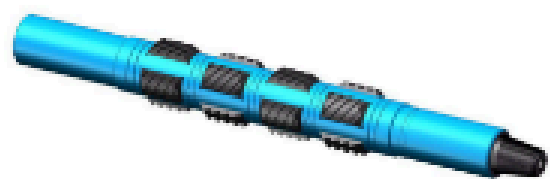
Multiple Activation BY-Pass Valve

I The multiple activation by-pass valve is a set of short circuit that can be opened and closed for many times. It is generally installed in special drilling tool assemblies such as directional drilling, speed raising, logging while drilling, etc. It can open and close the bypass hole in time for special operations according to downhole working conditions, enhance the applicability of special drilling tool assemblies, improve production efficiency, and reduce well control risks.

Rotary Kelly

I Kelly is main driver of the whole drill string. It transmits torsional energy from the rotary table through the drill string to the bit at the bottom of the hole. TIANHE Kelly is a long square or hexagonal, precision machined heavy steel bar that is supported by the swivel through the rotary table and is connected to the first joint of drill pipe in the drill string.

Non-Rotating Casing Scraper



I The non-rotating casing scraper is one of the indispensable auxiliary tools for well completion, testing and downhole operations. Its main purpose is to remove cement, sand, scratches, paraffin, burrs and other attachments on the inner wall of the downhole casing, protect the cleanliness of the inner wall of the casing, and facilitate the normal operation of all drilling tools.



Downhole Motor

I Downhole motor is a kind of downhole dynamic drilling tool driven by the power of drilling mud. Mud stream from the outlet of a mud pump flows through a by-pass valve into the motor. This stream produces pressure loss at both inlet and outlet of the pump, to push the rotor into rotating, and to transmit the torque and speed onto the bit. The downhole motor property mainly depends on its property parameters.

Special Features For Drill Collar

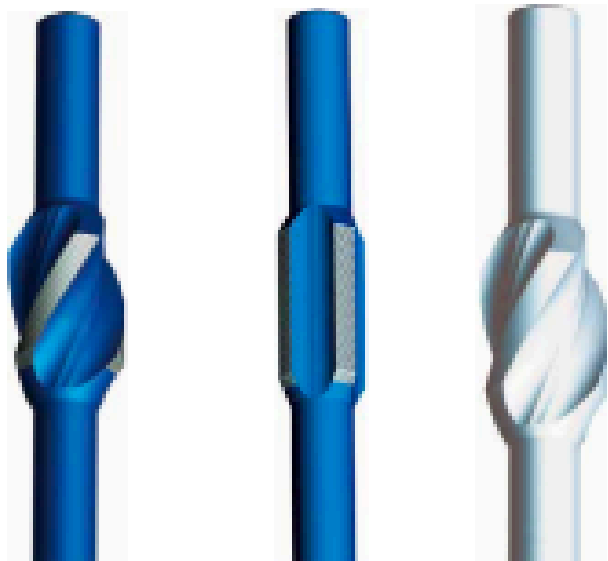
I Spiral Grooving In order to reduce differential pressure sticking, the surface of drill collars can be spiral-grooved. note 1-Loss of weight is approximately 4%, compared to slick drill collars. note 2-Length of spiraled section allows reconditioning of connections.

Non-Magnetic Drill Collar

I TIANHE non-magnetic drill collars are made from non-magnetic steel bars with low-strength by combining a proper chemical analysis and rotary hammer forging process with low magnetic permeability and excellent machinability. It will not interfere with the specialized directional equipment but rather will enhance the performance of the drilling operation.

Heavy Weight Drill Pipe

I Heavy Weight Drill Pipe (HWDP) is an intermediate weight drill stem component which is used in conjunction with the drill pipes and drill collars. TIANHE HWDP is available in standard, spiral and nonmagnetic designs. In some applications, heavy-weight drill pipes also can be used instead of the drill collars.



Integral Blade Stabilizer

I TIANHE Integral Blade Stabilizer (IBS) is a one piece rotating stabilizer which can be placed near bit or higher in the drill string. It is a one piece construction manufactured from high strength alloy steel (non-magnet steel optional), that prevents differential sticking of the drillstring by stabilizing the BHA and keeping drill collars and drill pipes away from the borehole wall. This reduces vibration, drill pipe whirl, and wellbore tortuosity; furthermore, the stabilization maintains drilling trajectory whether drilling straight, horizontal, or directional wells.

Non-Rotating Stabilizer

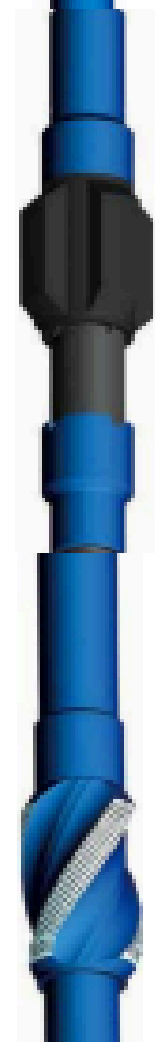
I TIANHE non-rotating stabilizer (rubber sleeve stabilizer) is able to avoid blade wear and wall damage during drilling. The non-rotating stabilizer consists of mandrel, copper washer, rubber sleeve, spacer sleeve and self-locking lower sub. During drilling, the non-rotating stabilizer transfers the torque by means of mandrel. The rubber sleeve is sliding and moving relative to the mandrel and it plays a role in stabilizing the well. A locking clutch (self-locking lower sub) will help to avoid sleeve rotation during washover operation.

Replaceable Sleeve Stabilizer

I TIANHE replaceable sleeve stabilizer consists of an integral mandrel and a sleeve. One mandrel series can be equipped with different sizes of sleeve for several hole sizes. In order to match the drilling conditions, the sleeves can be easily changed on the rig floor during changing of hole size or wear surface.

Hardfacing Types Of Stabilizer

I We offer a complete range of Hardfacing to suit all drilling conditions. All TIANHE Stabilizers can be banded with the following hardfacings.



Roller Reamer

I Roller Reamers are designed for reaming and stabilization in any type of formation. All parts of the tool are made of special alloy steel and heat treated for hardness. Drilling crews can easily replace any part in the field without using any special tools.



Roller Reamer



Fixed Diameter Hole Opener

I TIANHE Fixed Diameter Hole Openers are designed for use in soft clays and shales to medium-hard shales and limestones. It is particularly effective in sticky formations where balling problems are encountered. Three jets with replaceable nozzles continuously clean the tool's cutting structure, clearing debris buildup and increasing penetration.



Fixed Diameter Hole Opener



Casing Scraper

I During drilling, fishing, completion or wireline jobs, it is critical for the downhole tools to have an obstruction-free casing so as to increase efficiency. Casing Scraper removes rust, scale, cement, mud, bullets, paraffin, perforation burrs and other obstructions or foreign material from the inside walls of casing.



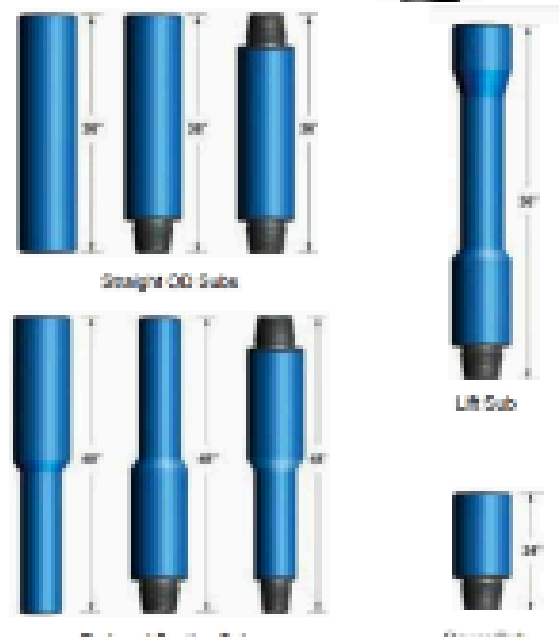
Casing Scraper

Drill Collar-Standard And Spiral

| Drill Collar is the basic component in the BHA which provides weight on the bit for drilling and keeps the drill string in tension.

Key Seat Wiper

| The key seat reamer is a sleeve with five blades dressed with an aggressive tungsten carbide hardfacing. Key Seat Wipers are most effective for reaming out key seats when pulling out of the hole using the single-clutch ascent type, or using the double-clutch dual-action ascent-descent type when reaming in and out of the hole.

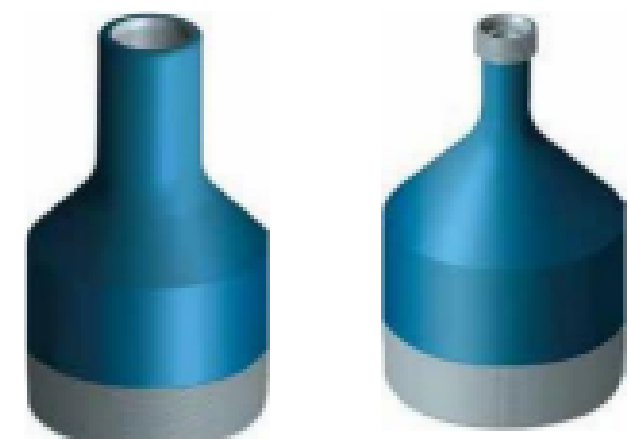


Rotary Sub And Others

| Rotary Subs are made from AISI 4145H modified quenched and tempered material. In addition, it is designed and manufactured according to API specifications as well as with API monogram. They can be used to crossover from connection size to another or as a disposable component used to extend the connection life of a more expensive drill stem member.

Circulating Sub

| The Circulating Sub is connected between wellhead pipe string and ground circulating system. When casing is running or completed, the circulating sub can be connected to provide fluid circulation. According to the application, circulating sub is connected between Kelly and casing or between casing and a hose.





Wear Sub

| During drilling operation, major wear and tear wear often take place between drill pipes and casings. Wear Sub is used to avoid the wear between drill pipes, tool joints and casings. With features such as compact structure and easy operating, Wear sub can prolong the service life of drill pipe and casing and reduce the vibration and trembling of drilling tools. It can also limit the contact friction between metals.

Oriented Bent Sub

| The oriented bent sub is a major power deflection tool having a fixed angle deviated from the low end thread of the bent sub to the axial line of drill stem. Under the application of oriented bent sub the power drill tool give the bit a constant lateral force to ensure that the bit can cut on the well wall laterally and further drill into a curved well trace.



Pin Type Lifting Cap



Box Type Lifting Cap



Quick Detachable Casing Protector

Lifting Cap & Casing Protectors

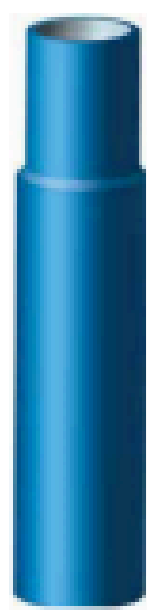
| Lifting caps are tools for lifting of drilling tools, such as drill collars or stabilizers



Ball Type Casing Drift



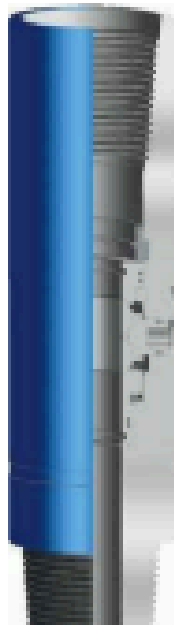
Double Ball Drift



Sub Type Drift

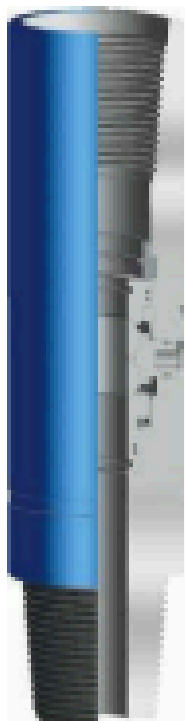
Drift

| Drift is a simple and popular tool for drifting I.D. of casing, tubing, drill pipe and other pipes. It is used to check whether inside diameter of all kinds of pipes are complied with standard, and to determine the max. inside diameter to be drifted after deformation. The drift is thus granted as a necessary tool in workover operation.



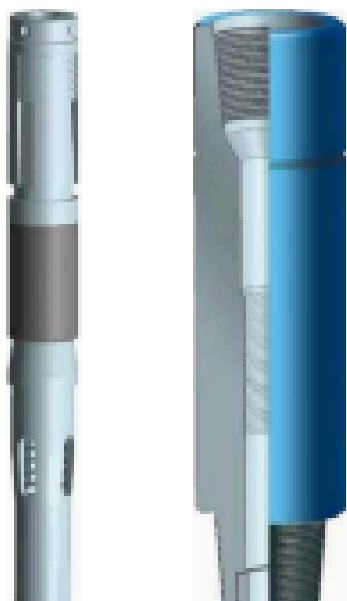
Kelly valve

| Kelly valve is a manually operated ball type valve for the drill stem, divided into upper and lower sections. The upper Kelly valve is connected between lower end of swivel and upper end of Kelly. The lower Kelly valve is connected between upper end of drill pipe and lower end of Kelly or lower end of Kelly saver subs. The Kelly valve can be opened or closed off by simply turning a special operating wrench 90° according to indicated direction.



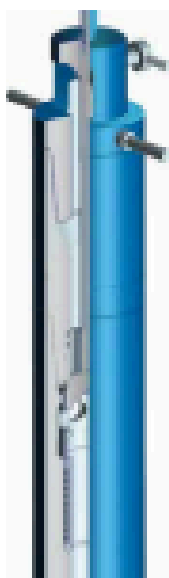
Full Opening Safety Valve

| Full Opening Safety valve (FOSv) is a ball type safety valve used to stop flow through the drill string when the drill string is being withdrawn from the well.



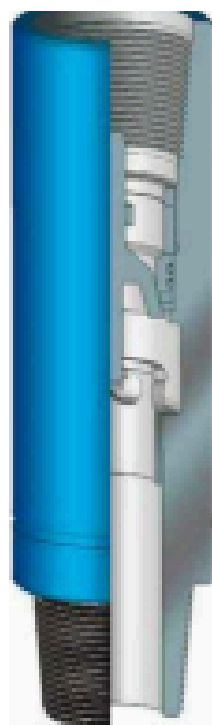
Drop-in Check Valve

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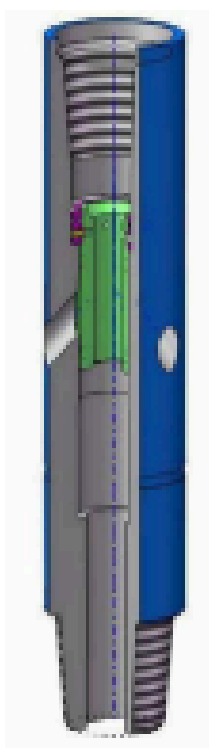
Inside Bop

I Inside BlowOut Preventor (IBOP) is a special tool, which can be stripped through the BOP preempt to be connected with the added drilling tools as soon as possible. When the blowout occurs during lifting operations, the IBOP have many advantages in situation such as, high pressure rating, reliable seal, easy application and operation.



Arrow Type Back Pressure Valve

I TIANHE Arrow Type Back Pressure valve is an important tool preventing of blowout.

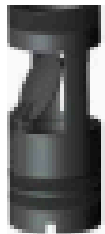


By-Pass Valve

- I During drilling operation, when a well kick takes place and bit bore is blocked, the by-pass valve can be opened to allow fluid circulation and well killing. Before drilling in a gas formation, the By-Pass valve shall be located near or on the bit.



Model F
Float valve

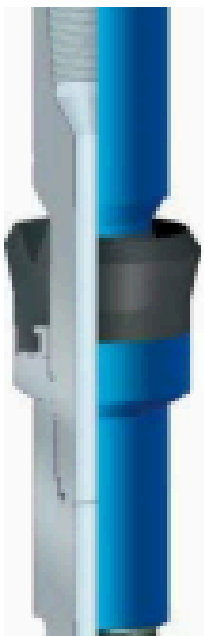


Model G
Float valve



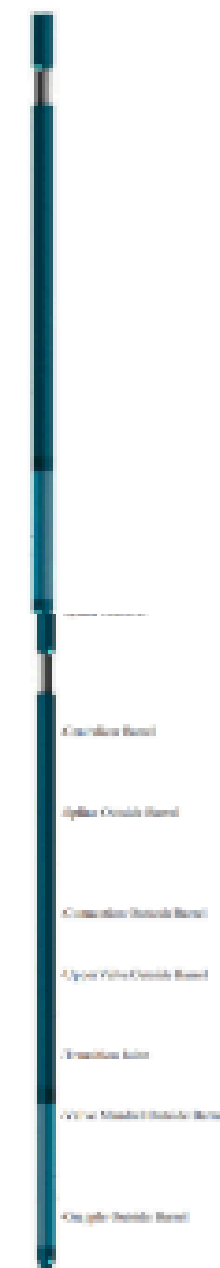
Float Valve Sub

- I Float valve Sub is an important tool in petroleum exploration and drilling engineering. The float valve sub is connected at upper part of drill bit. The float valve sub is near the bit connecting thread. The float valve sub can also be used at different necessary position of drill string when required. The main application is, when connected with single piece pipe, it prevents mud from coming in and up blocking the hole. When blowout takes place, blowout in drill string will be avoided because nozzle is closed automatically by valve cap of the float valve assembly .



Cup Test

- I Cup tester is designed to be attached to the drill string and lowered into the casing beneath the wellhead to test the pressure of the blowout preventer stack and the wellhead. When the cup tester is lowered into the casing beneath the wellhead, pressure is applied to either a test pump or hoisting type cup after filling the hookup with water. This method is fast and accurate



QY type Hydraulic Drilling Jar

I QY type hydraulic drilling jar is a new generation of double-acting hydraulic jar that is fully upgraded by our company on the basis of the original QYSZ II type full-hydraulic drilling jar. It has the characteristics of simple operation, adjustable shock tonnage, high temperature resistance, etc. This type of drilling jar adopts a new hydraulic delay release system, which has excellent reliability and wide adaptability.

QYSZ III Double Acting Hydraulic Drilling Jar

I QYSZIII New Double Acting Hydraulic Drilling Jar is a new hydraulic drilling jar with locking mechanism developed on the basis of the structure of QYSZII double-acting hydraulic drilling jar. Besides the advantages of QYSZII type, it also has the following advantages.

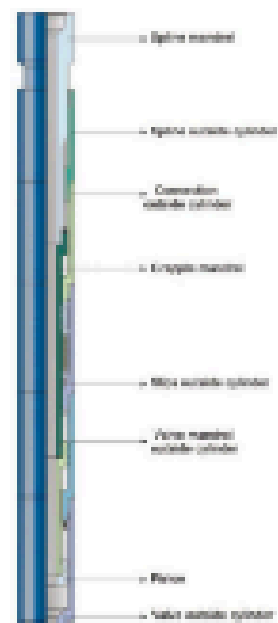


QJZ Mechanical Drilling Jar

I QJZ type mechanical drilling jar is a kind of fully-mechanical jarring tools. It can release the drilling tools sticking accidents by providing a up and down jarring force. Basically, it is part of the drill stem, whenever needed, the jarring force can increase the working efficiency.

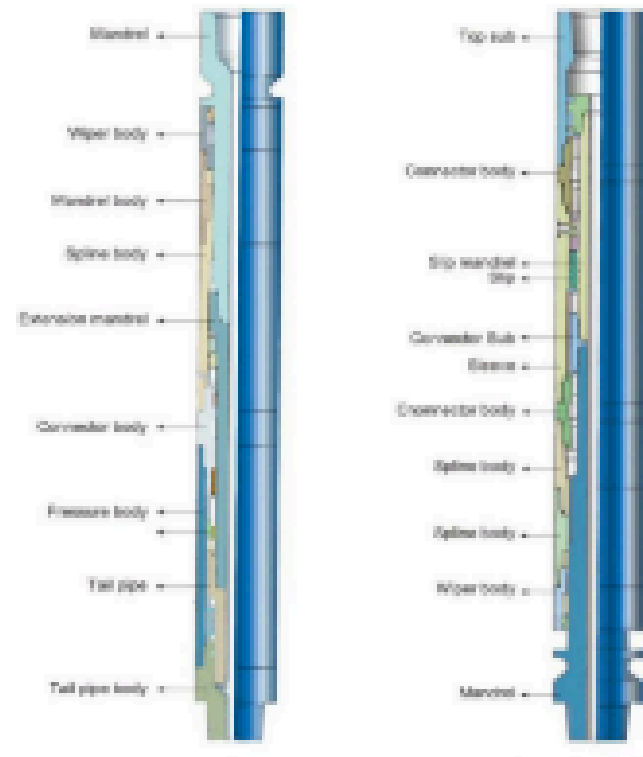
JYSZ Double Acting Hydraulic-Mechanical Drilling Jar

The drilling jar consists of drilling up jar and drilling down jar in one body, which has stable working performance and strong jarring force both up and down. When in down hole, it can release the stuck; it is a desire tool for directional well and deep well.



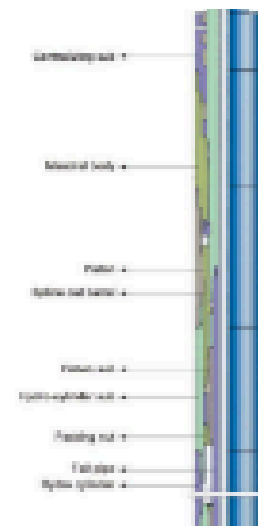
ZSJ/ZXJ Hydraulic & Mechanical Two-piece Drilling Jar

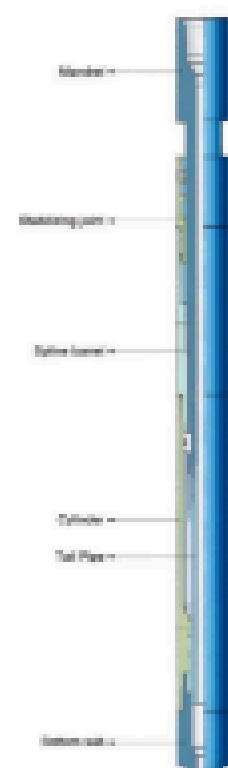
The drilling jar connecting with drill tool and working with drill strings is a downhole stuck freeing tool in drilling operation. When drill tool is happened to be stuck in downhole, the stuck drill tool can be released by in time starting the drilling jar to provide continuous up jarring or down jarring. It is a desire tool for directional well, complicated well and deep well.



SJ Double-way Shock Absorber

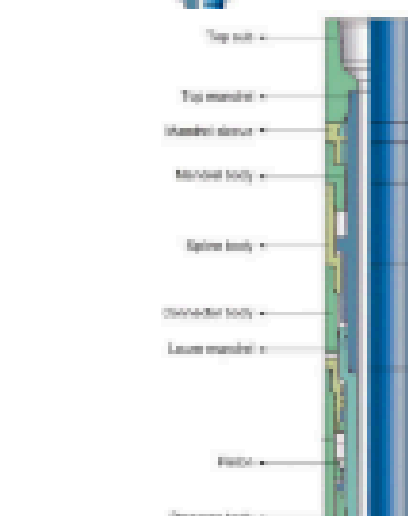
The SJ type two ways shock absorbers are used to simultaneously slow down or eliminate the vertical or horizontal shock from drill string. It can reduce the damage due to shocking to drill bit, drilling tool and surface drilling tool so as to enhance drilling speed and reduce drilling cost.





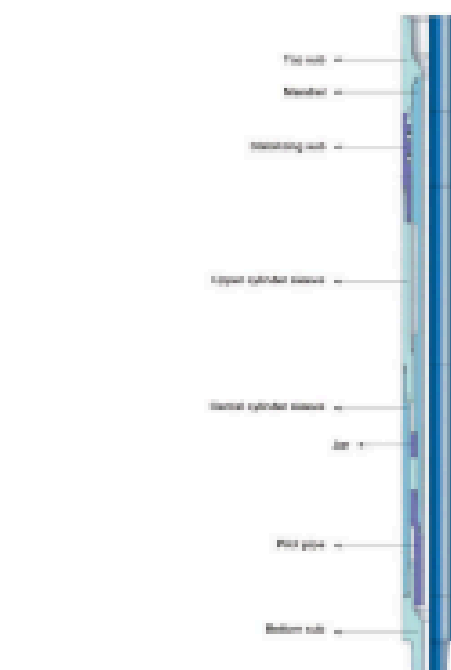
YJ One-way Shock Absorber

The YJ type one-way shock absorber (bumper) is a kind of drilling tool. It can effect shock absorbing and shock reduction by means of elastic deforming and anti-coagulation produced from hydraulic oil under the outside force. Its advantages such as simple structure, reliable working performance and easy to maintain can well absorb shocking and vibrating load from drill strings during drilling operation. Therefore, using of shock absorber can raise in structure the service life of drill bit and drill pipe, speed up drilling, get rid of drilling jumping, well protect surface equipment...



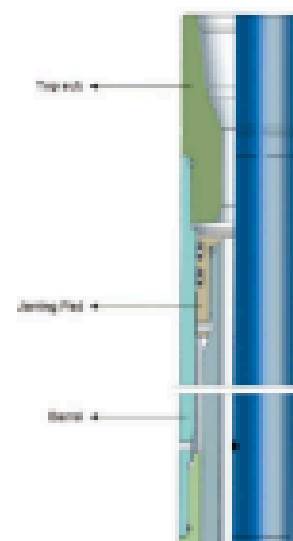
CSJ Supper Fishing Jar

CSJ type super fishing jar is a fishing tool which the jarring force is larger than other jar with same specifications. It features a closed structure, reliable performance, easy to adjust and easy to operate. It is a new type of top jarring tool used in oilfield, geological exploration and drilling operation.



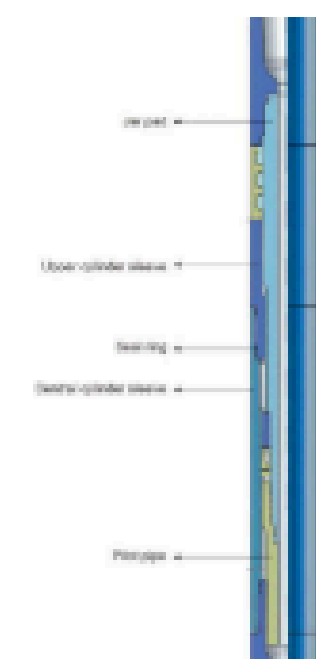
ZJS Jar Intensifier

The ZJS type jar intensifier is a kind of down hole fishing jar designed to increase jarring energy to top jar. Therefore, it must be run in conjunction with YSJ type hydraulic top jar or CSJ type super jar. Its main function is to supply acceleration to the upper end of the jar during the free jarring stroke. With a special function, the intensifier is essentially a fluid spring which not only can accelerate the top jarring action but also make the jarring action directly to strike on the fish and reduce damages to the drill tool and fishing tool.



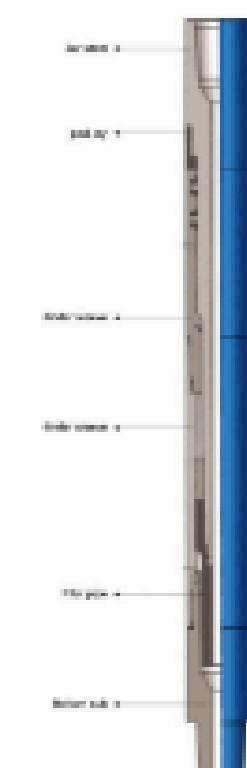
KXJ Fishing Bumper Sub

I KXJ type bumper jar (hereinafter called as bumper jar)is a mechanical jarring tool. It can make jar repeatedly the stuck drill stem to free from stuck point. When stuck drill stem can not be released by lifting and jarring, the bumper jar can be rotated to make releasable fishing tool to release the fish. When used with mechanical internal cutter, it can provide an expected feeding force to the internal cutter so as to cutting steadily. When used with reversing unit, it can compensate the rising stroke for threads after reversing.



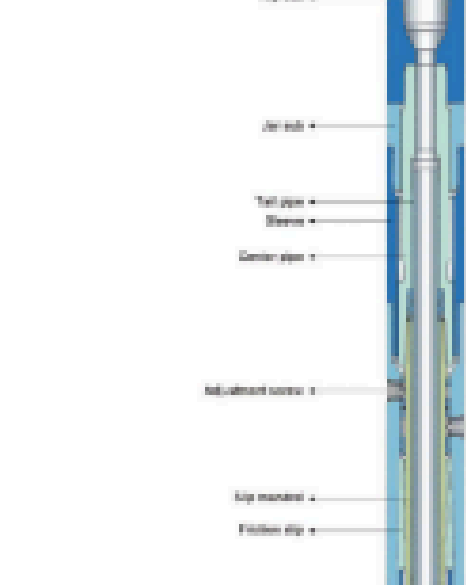
YSJ Type Z Oil Jar

I YSJ type hydraulic up jar is used to be free from drilling sticking, through hydraulic principle, by means of elastic potential produced from drill to oil elastic deformation. Once the elastic potential energy is released, it would produce a large up striking load to reach a purpose of fishing and clearing. It features easy structures, strong jarring force, easy to return, convenient operation. If it is used with ZJS type jar intensifier, it may gain better jarring effect.



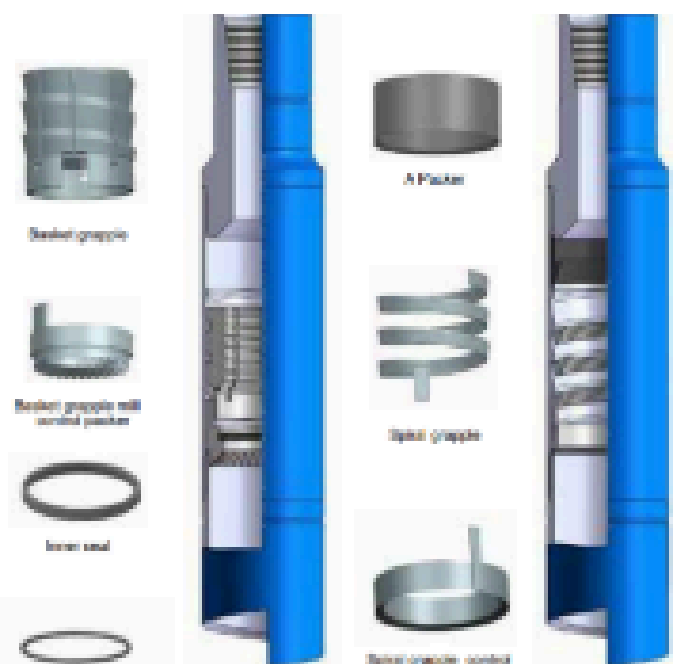
BXJ Lubricated Fishing Bumper Sub

I Lubricated fishing bumper sub is one of the jars which produce jarring force by means of the energy caused by heavy weight objects when moving down, its inner chamber is full of hydraulic oil so as to ensure a longer service life. The tool is suitable for deep hole and middle deep hole operation. With some advantages: Can produce strong one way down jarring force, maximum jarring force, continuous down jarring force. Medium jarring force; continuous up jar, low-grade jarring force; can release fishing tool; can act as constant pressure drill tool, simply structure, easy o...



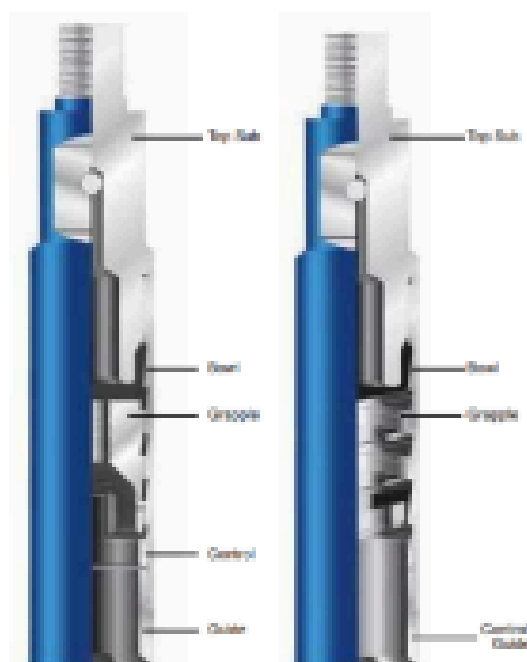
DJ Surface Bumper Jar

The surface jar is an effective tool for resolving the problem of drill tool stuck in down hole. It is connected with the surface section of drill string, the device to adjust the tonnage shall protrude from the rotary disc face, the violent down jarring to the stuck catch can be clearly seen when the surface jar makes jarring operation. The jarring strength for the tool can be easily adjusted and it is an easy operated, unique designed tool which can make continuous down jarring. The surface jar, which not only can bear heavy load and strong torque but also owns a good sealing prop...



Series 150 Overshot

TIANHE Series 150 Releasing and Circulating Overshot is an external fishing tool for engage, pack off and retrieve tubular fish, especially for fishing drill collar and drill pipe. The grapple of the overshot can be designed for different sizes of fish, so one overshot can be dressed with different size of grapple components for fishing different sizes of fish.



Series 10&20 Overshot

TIANHE Series 10 Sucker Rod Overshot is a professional fishing tool, designed for engaging and retrieving sucker rods, couplings, and other tubular from inside tubing strings.

Releasing And Reversing Overshot

I Type DLT-T Releasable Reversing Overshot, a new type of fishing tool, has many advantages owned by various overshot, box tap and the like. Its distinguishing features are as follows: to unscrew and recover the stuck fish; To release the fish down hole if necessary; to circulate the washing fluid as one of the accessories for reversing tools. It is widely used in well servicing.

Series 70 Short Catch Overshot

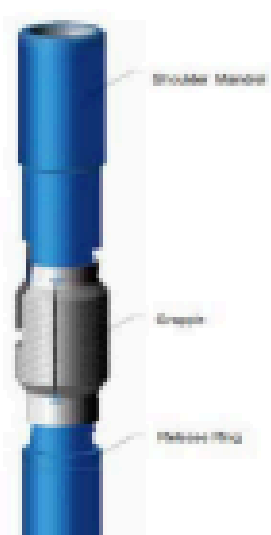
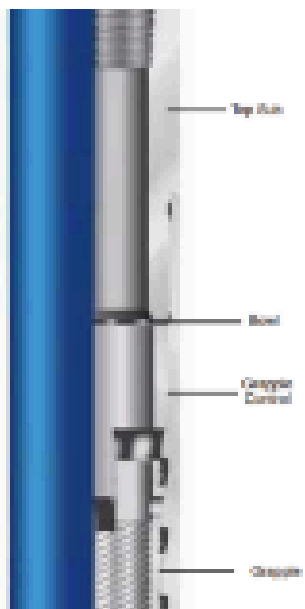
I The TIANHE Series 70 Short Catch Overshot is an external fishing tool designed to retrieve tubular fish when the top of the fish is too short to be engaged with other overshot. The Grapple Control is positioned above the Basket Grapple rather than below it to allow the Basket Grapple to occupy the lowest position in the Bowl. This enables the overshot to firmly engage and retrieve a very short fish

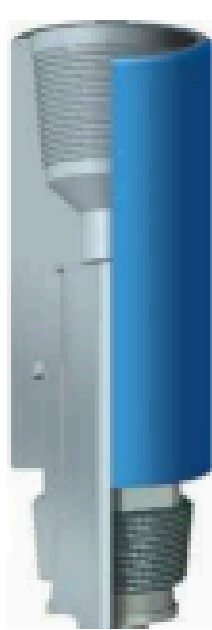
Lifting-lowering And Releasing Overshot

I Lifting-Lower and releasing overshot is a fish tool in the casing which fishes fractured tubing and drill string. If fish drill string is stuck heavily and hard to complete fishing work, while need to release fish, may get back the tool by bumping drill string down and lift directly.

Releasing Spear

I TIANHE Releasing Spear provide a more effective means to engage and retrieve an internal fish from the well. It is ruggedly built to withstand severe jarring and pulling strains. It engages the fish over a large area without damaging of the fish. The simple design prevent small parts being lost or damaged in the hole during operation. It may be used with other equipment such as pack-off assemblies and internal cutters. If the fish cannot be pulled, the spear can be easily be released and disengaged.





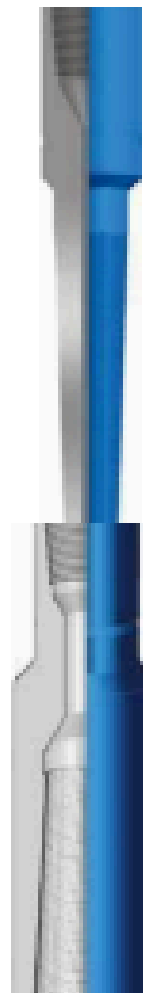
Releasing Sub

| The reversing subs is also called reversing spear which is a special tool for reversing stuck drill stem above stuck point in drilling and workover operation. In treatment of stuck drill stem, it can work as a fishing pin tap in reversing operation. When fish is stuck or cannot be reversed in fishing or reversing operation, the fish can be reversed from reversing sub and the fishing drill tool is tripped out.



Cable Fishing Hook& Sliding Block Spear

| The Cable Fishing Hook is generally used to catch electric pump cables or wirelines and broken pieces of the bent sucker rods in casing.



Taper Tap

| The Taper Tap is a special internal catch fishing tool that engages with dropped tubular objects such as drill pipes and tubes by tapping threads on the object surfaces. It is a highly effective tool in the fishing of dropped tubular objects with couplings especially when the tapered threads engaged with the fish couplings. The taper tap can be used for different fishing operations when equipped with left hand threaded or right hand threaded drill pipes and tools. The taper tap is made from high strength alloy steel, heat treated for maximum strength and ruggedness. The cuttin...

Die Collar

| The die collar, also known as skirted taper tap, is a special external fishing tool that engages with the dropped tubular objects such as drill pipes and oil tubing, by tapping on the external wall of the objects. It can be used in fishing cylindrical objects without inner bore or stuck inner bore.

Internal Hook & External Hook



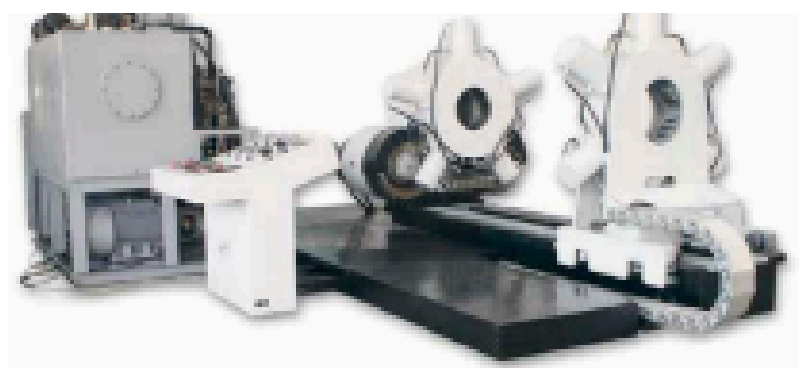
I The internal hook is a fishing tool generally used inside casings and oil tubings for fishing ropes and other fishes such as wire-lines, cables, logging wire-lines and paraffin cutters.

Reverse Circulation Junk Basket



I TIANHE Reverse Circulation Junk Basket (RCJB) is designed to remove all types of small junk objects from the well hole. The tool's main feature is that it eliminates the possibility of pulling a wet string during fishing operation with its reverse drainage design. The RCJB can also be used as a fish magnet when fitted with a magnet insert, while maintaining its reverse fluid circulation feature.

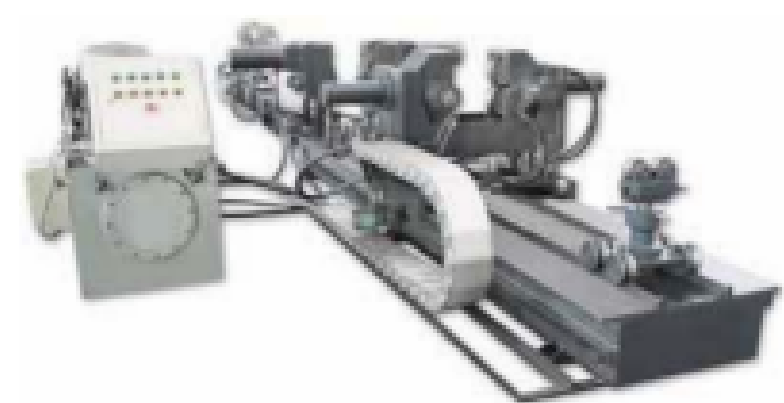
CZJQZ-II 360° Rotation Hydraulic



I CZJQZ-II 360° Rotation Hydraulic Make/Break unit is designed to safely and efficiently make-up/break-out downhole tools and motors. It adopts a unique 360° rotational headstock clamp design. This unit is designed for fast, accurate and dependable make up and break out of threaded connections. The 360° rotational clamp design greatly enhances the speed and accuracy of make-up and break-out of tools.

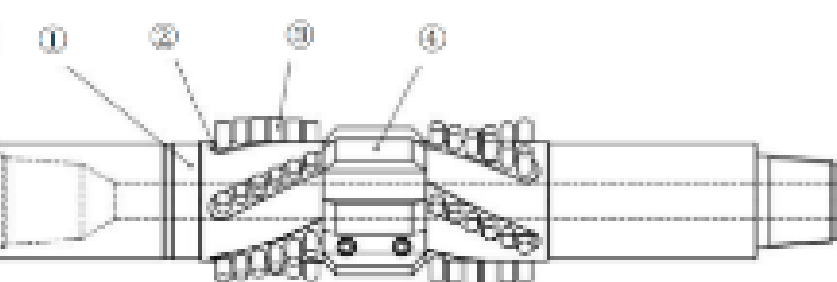


CZPT-II Hydraulic make-up/break-out platform



1 CZPT-II Hydraulic make-up/break-out platform is mainly used with Make/ Break unit assisting in the pre-assembly of drilling tools, whereby special guiding and alignment of tools are required for proper locking and unlocking of threads during assembly. The precision of tool alignment is the key to fast and accurate make-up and break-out of tools either in the workshop or on the rig. CZPT-II is generally designed to support all types of Make-up/Break-out Unit for its pre-assembly tool alignment and thread guiding. CZPT-II ensures high production efficiency during make-up/...

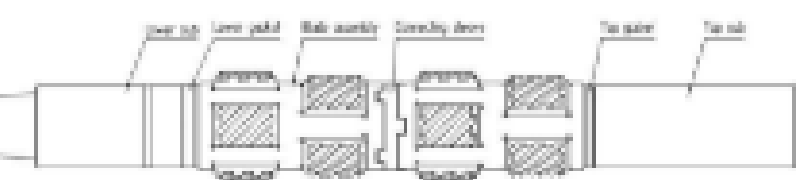
GS (I) Type Casing Brusher



1 GS (I) Type Casing Brusher is one of the indispensable auxiliary tools for well completion, testing and downhole operation. Its main purpose is to remove the residual attachments after the scraping operation of downhole casing inner wall scraper and protect the cleanness of casing inner wall, so as to facilitate the normal operation of all drilling tools. It is usually used with casing scraper. GS (I) Type Casing Brusher is not suitable for drilling operation.

- ① Mandrel
- ② Steel brush support
- ③ Steel brush
- ④ Centralizing sleeve

GX-X Type Non-rotating Casing Scraper



1 GX-X Type Non-rotating Casing Scraper is one of the indispensable auxiliary tools for well completion, testing and downhole operation. The main purpose of the scraper is to remove cement, sand, residual bullets, scratches, paraffin, burrs and other attachments from the inner wall of the downhole casing, and protect the inner wall of the casing, so as to facilitate the normal operation of all drilling tools. Type B non rotating scraper is not suitable for drilling operation.

YTQC Type Drill String Fishing Magnet



1 YTQC Type Drill String Fishing Magnet is one of the auxiliary tools to ensure the normal drilling operation and bottom hole cleaning in the process of downhole accident treatment. The main feature of this product is that it works together with the grinding shoes in the fishing operation, which is different from the previous method of lifting the drill after milling, and then connecting the drill string with the strong magnetic fishing tool to go down the well for cleaning bottom hole, saving a trip down the well operation, which not only saves the drilling cost, but also saves the fishin...

Container products



6'x5'x9' Shelved Mini
1854 x 1676 x 2845
Gross: 7,000kg
Tare: 1,500kg
Payload: 5,500kg



6'x6'x8' Mini
1830 x 1830 x 2438
Gross: 5,000kg
Tare: 1,350kg
Payload: 3,650kg



6'x6'x8' Shelved Mini
1830 x 1830 x 2438
Gross: 5,000kg
Tare: 1,550kg
Payload: 3,450kg



6'x6'x8' Hot Dip Galvanized Mini
1830 x 1830 x 2438
Gross: 5,000kg
Tare: 1,600kg
Payload: 3,400kg



8'x6'x8' Dry Goods
2438 x 1830 x 2438
Gross: 6,000kg
Tare: 1,500kg
Payload: 4,500kg



10'x8'x8'6" Dry Goods
2991 x 2438 x 2591
Gross: 10,000kg
Tare: 2,010kg (Standard)
Tare: 2,400kg (w/ Side Door)
Payload: 7,990kg/7,600kg



20'x8'x8'6" Dry Goods
6058 x 2438 x 2591
Gross: 20,000kg
Tare: 3,850kg
Payload: 16,150kg



20'x8'x9'6" High Cube
6058 x 2438 x 2896
Gross: 20,000kg
Tare: 4,250kg
Payload: 15,750kg



40'x8'x9'6" High Cube
12192 x 2438 x 2896
Gross: 20,000kg
Tare: 7,700kg
Payload: 12,300kg



10'x8'x8'6" Workshop
2991 x 2438 x 2591
Gross: 10,000kg
Tare: 2,010kg
Payload: 7,990kg
* AC available



20'x8'x8'6" Workshop
6058 x 2438 x 2591
Gross: 20,000kg
Tare: 4,150kg
Payload: 15,850kg
* AC available



20'x8'x8'6" Workshop w/ Overhead Hoist
6058 x 2438 x 2591
Gross: 20,000kg
Tare: 4,000kg
Payload: 16,000kg
* AC available



20'x8'x8'6" Open Top & Open Side Workshop
6058 x 2438 x 2591
Gross: 20,000kg
Tare: 4,400kg
Payload: 15,600kg
* AC available



20'x8'x9'6" ZONE 2 Workshop
6058 x 2438 x 2896
Gross: 15,000kg
Tare: 6,000kg
Payload: 9,000kg
* AC available

CARGO BASKET



1.5m Cargo Basket
5' x 4' x 4'1"
1500 x 1200 x 1250
Gross: 2,550kg
Tare: 550kg
Payload: 2,000kg



2.5m Cargo Basket
8' x 4' x 3'8"
2500 x 1220 x 1133
Gross: 7,000kg
Tare: 670kg
Payload: 6,330kg



3.6m Cargo Basket
12' x 4' x 4'3"
3600 x 1200 x 1300
Gross: 10,000kg
Tare: 1,020kg
Payload: 8,980kg



4.5m Cargo Basket
15' x 4' x 4'2"
4500 x 1200 x 1265
Gross: 9,550kg
Tare: 1,150kg
Payload: 8,400kg



6.3m Cargo Basket
21' x 5' x 4'
6288 x 1386 x 1216
Gross: 10,000kg
Tare: 1,850kg
Payload: 8,150kg



8.0m Cargo Basket
26' x 4' x 3'6"
8000 x 1200 x 1100
Gross: 11,850kg
Tare: 1,850kg
Payload: 10,000kg



8.0m Heavy Duty Cargo Basket
26' x 10' x 5'7"
8000 x 3000 x 1700
Gross: 33,000kg
Tare: 6,950kg
Payload: 26,050kg



10.3m Cargo Basket
34' x 4' x 4'1"
10260 x 1190 x 1237
Gross: 15,000kg
Tare: 3,200kg
Payload: 11,800kg



12.3m Cargo Basket
40' x 4' x 4'3"
12308 x 1220 x 1300
Gross: 15,000kg
Tare: 3,950kg
Payload: 11,050kg



13.3m Cargo Basket
44' x 4' x 4'3"
13300 x 1220 x 1300
Gross: 15,000kg
Tare: 3,200kg
Payload: 12,000kg



14.3m Cargo Basket
47' x 4' x 4'3"
14300 x 1220 x 1300
Gross: 15,000kg
Tare: 3,200kg
Payload: 11,800kg



16.3m Cargo Basket
54' x 4' x 4'1"
16260 x 1190 x 1237
Gross: 14,700kg
Tare: 4,700kg
Payload: 10,000kg



18.3m Cargo Basket
60' x 4' x 4'7"
18300 x 1220 x 1425
Gross: 16,500kg
Tare: 5,350kg
Payload: 11,150kg



19.8m Cargo Basket
65' x 4' x 4'7"
19800 x 1220 x 1420
Gross: 21,350kg
Tare: 6,350kg
Payload: 15,000kg

HALF HEIGHT CONTAINER



10'x8'x4" Half Height
2991 x 2438 x 1220
Gross: 7,000kg
Tare: 1,400kg
Payload: 5,600kg



15'x8'x4" Half Height
4572 x 2438 x 1295
Gross: 20,000kg
Tare: 2,550kg
Payload: 17,450kg



20'x8'x4" Half Height
6058 x 2438 x 1220
Gross: 13,320kg
Tare: 3,320kg
Payload: 10,000kg



20'x8'x4" Half Height
6058 x 2438 x 1295/1280
Gross: 20,000kg (Standard)
Gross: 25,000kg (Heavy Duty)
Tare: 3,150kg/4,520kg
Payload: 16,850kg/20,480kg



23'x8'x4" Half Height
7010 x 2438 x 1295
Gross: 20,000kg
Tare: 3,600kg
Payload: 16,400kg



24'x8'x4" Half Height
7315 x 2438 x 1280
Gross: 16,000kg
Tare: 4,150kg
Payload: 11,850kg



30'x8'x5" Half Height
9200 x 2438 x 1545
Gross: 22,000kg
Tare: 6,250kg
Payload: 15,750kg



10'x8'x8'6" Reefer
2991 x 2438 x 2591
Gross: 10,000kg
Tare: 2,820kg
Payload: 7,180kg



20'x8'x8'6" Reefer
6058 x 2438 x 2591
Gross: 16,500kg
Tare: 4,170kg
Payload: 12,330kg



10'x8'x8'6" Open Top
2991 x 2438 x 2591
Gross: 10,000kg
Tare: 2,250kg
Payload: 7,750kg
* PVC Tarpsulin included



20'x8'x8'6" Open Top
6058 x 2438 x 2591
Gross: 20,000kg
Tare: 4,000kg
Payload: 16,000kg
* PVC Tarpsulin included



FEL Waste Skip
2060 x 1574 x 1611
Gross: 5,000kg
Tare: 1,050kg
Payload: 3,950kg



Boat Shaped Waste Skip
3903 x 1875 x 1554
Gross: 6,500kg
Tare: 1,240kg
Payload: 5,260kg



Hazardous Waste Skip
3879 x 2000 x 1841
Gross: 6,800kg
Tare: 2,050kg
Payload: 4,750kg

CHEMICAL TANK



8200L Offshore Portable Tank
2991 x 2438 x 2340
Gross: 5,000kg
Tare: 3,350kg

TOTE TANK



550 Gallon Tote Tank
1500 x 1160 x 2340
Gross: 5,000kg
Tare: 580kg

BOTTLE RACK



Bottle Rack
1270 x 1150 x 2290
Gross: 2,500kg
Tare: 550kg

LIFTING FRAME



Bottle Rack-BR type
1408 x 1300 x 2335
Gross: 3,300kg
Tare: 660kg

SUBSEA ROV BASKET



6.4m Lifting Frame
6488 x 2838 x 3285
Gross: 25,000kg
Tare: 5,880kg

DRUM BASKET



2.2m Subsea ROV Basket
2200 x 2200 x 1051
Gross: 6,050kg
Tare: 1,050kg

TOOL BOXES



2.4m Drum Basket
2440 x 2008 x 1521
Gross: 6,200kg
Tare: 1,200kg

DANGEROUS GOODS CONT'



4.2m Drum Basket
4200 x 2070 x 1886
Gross: 11,000kg
Tare: 2,200kg

RIGGING LOFT



Walk-In
1680 x 1680 x 1830
Gross: 4,480kg
Tare: 980kg

CUTTING SKIP



Flip Top
1680 x 1280 x 1330
Gross: 4,300kg
Tare: 800kg

HSE/SPARE CONTAINER



10' High Cube Dangerous
2991 x 2438 x 2896
Gross: 10,000kg
Tare: 2,400kg

CUTTING SKIP



10' Rigging Loft
2991 x 2438 x 2591
Gross: 10,000kg
Tare: 2,010kg

CUTTING SKIP



Cutting Skip
2320 x 1940 x 1183
Gross: 10,000kg
Tare: 1,400kg

CUTTING SKIP



20'x8'x8'6" HSE/Spare
6058 x 2438 x 2591
Gross: 20,000kg
Tare: 3,750kg



Thank You

Contact Information – Get in Touch Today

Thank you for your interest in PT. Sinergitama Energy Solution. As an authorized TIANHE distributor, we are committed to providing premium oil drilling equipment and exceptional service. Contact us today to discuss how we can support your energy sector operations.



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