

WEIMA YOUR PARTNER OF EXCELLENCE

DONGYING · CHINA

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WEIMA EQUIPMENT

DRILLING TOOLS MANUFACTURING
OILFIELD SERVICE · VALUE-ADDED SERVICES

SHANDONG WEIMA EQUIPMENT SCIENCE & TECHNOLOGY CO., LTD.



FOCUS ON DEEP WATER, DEEP STRATA AND NON-CONVENTIONAL
RESOURCES, EMPOWER THE FUTURE OF OIL AND GAS INDUSTRY





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ADDRESS FROM PRESIDENT

董事长 致辞

Distinguished partners and friends:

First and foremost, we would like to express our sincere gratitude to all our partners, valued customers and every employee who have supported and trusted us! Your generous support is the core driving force behind Weima's steady progress and bold strides forward in the global oil drilling tools industry.

Since our establishment, we have always adhered to the business philosophy of "Striving for Excellence, Pursuing Continuous Improvement, Upholding Integrity as the Foundation, and Putting Customers First". We are committed to the mission of "Making the development of oil and gas resources more efficient and contributing to the national energy development".

We continue to deepen multi-dimensional innovation and iteration in technology, craftsmanship, talent and management, strictly comply with the top-tier quality control standards of the industry, and strive to provide customers with customized, high-quality products and services to meet the diversified needs of domestic and overseas customers, thus building long-term, stable and mutually beneficial cooperative relationships hand in hand.

We solemnly promise that Weima will build on past achievements and forge ahead into the future. Relying on our unique technological and resource advantages, open and inclusive cooperation philosophy, and enterprising development spirit, we will treat partners at home and abroad with sincerity, advance hand in hand, jointly build a new blueprint for the development of the industry, and create a more brilliant future!



SHANDONG WEIMA EQUIPMENT SCIENCE & TECHNOLOGY CO., LTD.

INTRODUCTION OF WEIMA

Being founded in 2007, and headquartered in Dongying Economic Development Zone, Shandong Province, Weima Group is a national high-tech enterprise and a national "specialized, special and new key giant" enterprise. Deeply engaged in the field of petroleum equipment manufacturing for more than fifteen years, it has developed into a high-end comprehensive manufacturing enterprise specializing in oil, natural gas, shale oil, shale gas and other oil and gas energy drilling and production development, providing drilling tools, completion tools, cementing tools and overall solutions.

With strong comprehensive strength, the company has been approved by the National Green Factory, the National Overseas Talent Project, and won the Shandong Province Technology Innovation Demonstration Enterprise, Manufacturing Single Champion Enterprise, Gazelle Enterprise, digital economy "Morning Star Factory" and many other authoritative honors.

In its core business segment, the company has achieved full-industry-chain coverage of drilling tool products and mastered a range of advanced industry technologies, including upsetting for ultra-long smooth transition zones, full-length heat treatment of pipe bodies, full-length non-destructive testing of pipe bodies, and the WT series of high-temperature internal coatings. Its product quality ranks firmly among the top tier of the industry.

The company has delivered outstanding market performance: domestically, it has won the top bidder position in Sinopec's drill pipe tenders for consecutive years; it is a Class A supplier of CNPC and a key supplier of CNOOC, with its services covering all major oilfields across China. Internationally, its products are exported to major global oil and gas-producing countries and regions, including the Commonwealth of Independent States (CIS), the Middle East, North Africa, Southeast Asia, and North and South America. Boasting superior quality, the products have earned unanimous praise and recognition from major oil & gas companies, drilling firms, and oilfield service providers worldwide.

In recent years, the company has also developed special-purpose tools for the trenchless construction sector, which are now widely applied in scenarios such as coalbed methane extraction, municipal engineering, pipeline crossing projects, and mine emergency rescue operations.

Currently, Weima has evolved into a diversified group structure, with several wholly-owned subsidiaries including Hongfeng Intelligent, Weima New Materials, Vmax Valves, and Lintao Petroleum Engineering & Technology Services. Since initiating its group restructuring in 2019, the company has completed full-process preparations to enable efficient collaboration between the parent company and its subsidiaries. It has established a comprehensive closed-loop operation system integrating talent cultivation, R&D, production, sales, after-sales service, and oilfield technical services. By investing in new projects, expanding product lines, and extending the industrial chain, Weima precisely meets the diversified market demands, achieving synchronous growth in both economic and social benefits.

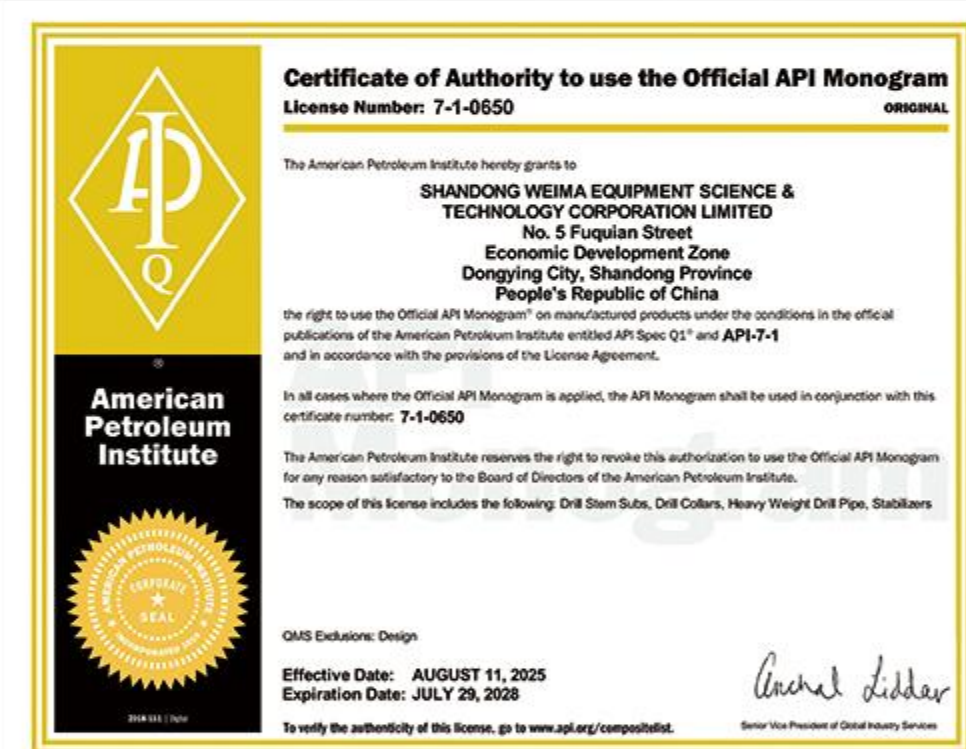
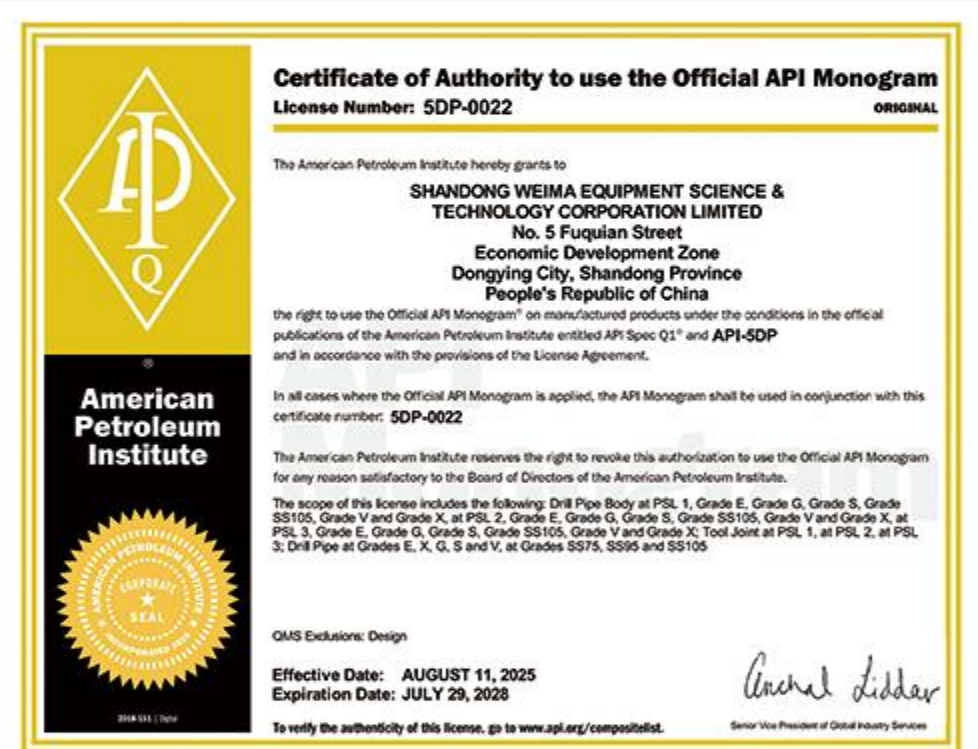
Looking ahead, the company will always uphold its corporate culture that emphasizes "Character shapes products; positioning defines standing; details determine success; attitude dictates everything". It will continue to increase R&D investment, drive development through technological, managerial, and talent innovation, and focus on the diversified advancement of products, technologies, and human resources. Accelerating its transformation from traditional manufacturing to high-end intelligent manufacturing, Weima is committed to refining, optimizing, and strengthening its business, striving to become a world-leading service provider of oil and gas equipment.





QUALITY SYSTEM

Weima adheres to the quality policy of "integrity management, quality assurance, customer first, continuous improvement", adheres to the people-oriented, institutionalized and standardized management policy, and is committed to establishing sincere relationships with partners.





NDT AND LABORATORY EQUIPMENT

Pipe Body Full Length UT
Inspection System
Truscope-R



Impact Testing Machine



Direct Reading Spectrometer



Pipe Body Full Length EMI
Inspection System
NOV Tuboscope NDT5845A-S



Universal Testing Machine



Autoclave Testing Machine



Metallurgical Microscope

MPI Inspection System



Rockwell Hardness Tester



Brinell Hardness Tester



Micro Vickers Hardness Tester



PRODUCTION EQUIPMENT

The company is well-equipped with 3 drill pipe production lines, capable of producing over 60,000 tons annually of various types of drill pipes ranging from 2-3/8" to 6-5/8" in outer diameter. It also operates 2 heavy-weight drill pipe and drill collar production lines with an annual output of 10,000 joints. The product range covers all API standard steel grades and specifications for drill pipes, heavy-weight drill pipes, and drill collars. Additionally, the company has an annual production capacity of 1 million meters for internal coating of drill pipes, and OCTG products.

The company owns the proprietary upsetting technology for ultra-long smooth transition zones and full-length heat treatment equipment for pipe bodies. For drill pipe manufacturing, it adopts U.S.-made MTI inertia friction welding machines, with the entire welding process under full automatic monitoring, ensuring smooth and even internal weld seams. It has imported cutting-edge online full-length non-destructive testing (NDT) equipment for steel pipes—namely, U.S. Tuboscope's fully automated magnetic flux leakage (MFL) and ultrasonic testing (UT) machines. Meanwhile, it deploys other advanced testing devices including German ultrasonic portable flaw detectors, U.S. direct-reading spectrometers and magnetic particle inspection (MPI) machines, strictly controlling the production process to guarantee product quality.

DRILL PIPE PRODUCTION EQUIPMENT



Upsetting



Drill Pipe Body Continuous Heat Treatment Equipment



Tool Joint Forging



Atmosphere-protected Tool Joint Heat Treatment Equipment



American MTI Inertia Friction Welding Equipment



Intelligent Monitoring Weld Zone Heat Treatment Equipment





DRILLING TOOLS MANUFACTURING EQUIPMENT



Fully Automatic Through-type Gas Heat Treatment Furnace



Deep Boring Equipment



OD Machining Equipment

Automatic Spiral
Milling Equipment



CNC Pipe Threading Machine



Thread Cold Rolling Equipment



M&B Equipment





IPC Equipment



Thermal
Cleaning
Furnace



Blasting
Equipment



Spraying
Equipment



Post Curing
Equipment

CONVENTINAL DRILL PIPE



PRODUCTS

Conventional Drill Pipe

Size

2 - 3/8", 2 - 7/8", 3 - 1/2", 4", 4 - 1/2", 5", 5 - 1/2", 5 - 7/8", 6", 6 - 5/8", 7", 7 - 5/8", 8 - 5/8" etc.

Grade

E75, X95, G105, S135, V150, U165 etc.

Upset

IU, EU, IEU

Range

R1, R2, R3

Connection Type

API standard, Double shoulder WMDS, High Torque WMHT, Super High Torque WMT and Gas Tight WMQT series etc.

Standard

API Spec 5DP, ISO 11961, GB/T 29166, NS-1, DS-1



CONVENTIONAL DP PERFORMANCE DATA SHEET

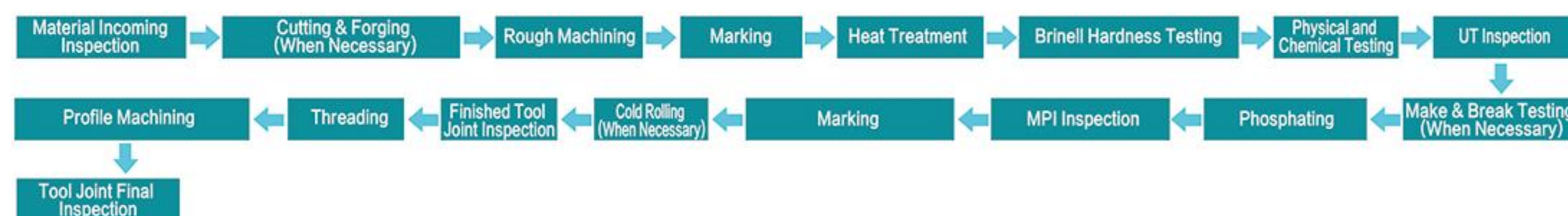
钢级		E75	X95	G105	S135	V150	U165
Pipe Body	Yield strength	75 ~ 105 ksi	95 ~ 125 ksi	105 ~ 135 ksi	135 ~ 165 ksi	150 ~ 170 ksi	165 ~ 185 ksi
		517 ~ 724Mpa	655 ~ 862Mpa	724 ~ 931Mpa	931 ~ 1138Mpa	1034 ~ 1171Mpa	1138 ~ 1275Mpa
	Tensile strength	≥ 100 ksi	≥ 105 ksi	≥ 115 ksi	≥ 145 ksi	160 ~ 190 ksi	175 ~ 205 ksi
		≥ 689Mpa	≥ 724Mpa	≥ 793Mpa	≥ 1000Mpa	1103 ~ 1310 Mpa	1207 ~ 1413 Mpa
	Charpy V-notch longitudinal impact toughness, 3/4 size, 21° C (average/single) PSL-1	32/28 ft-lbf	32/28 ft-lbf	32/28 ft-lbf	32/28 ft-lbf	32/28 ft-lbf	32/28 ft-lbf
		43/38 J	43/38 J	43/38 J	43/38 J	43/38 J	43/38 J
TJ	Yield strength	120 ~ 165 ksi				130 ~ 175 ksi	
		827 ~ 1138 Mpa				896 ~ 1207 Mpa	
	Tensile strength	≥ 140 ksi				≥ 140 ksi	
		≥ 965 Mpa				≥ 965 Mpa	
	Charpy V-notch longitudinal impact toughness, 3/4 size, 21° C (average/single) PSL-1	40/35 ft-lbf				40/35 ft-lbf	
		54/47 J				54/47 J	
	Charpy V-notch longitudinal impact toughness, full size, 21° C (average/single) PSL-3	40/35 ft-lbf				40/35 ft-lbf	
		54/47 J				54/47 J	
	Hardness	285 ~ 341BHW				302 ~ 363BHW	

MANUFACTURING PROCESS

PIPE BODY PROCESSING



TOOL JOINT PROCESSING



DRILL PIPE PROCESSING



INTEGRAL DRILL PIPE



Product features:

- ◆ Strong Anti-Sticking Capacity: Adopting a "large annulus, small OD" design, it creates a wider annular space between the drill pipe body and the wellbore wall. This design facilitates cuttings carrying and drilling fluid circulation, significantly reducing the risk of downhole sticking.
- ◆ High Drilling Efficiency: The larger ID provides a smoother channel for drilling fluid, effectively minimizing pressure (hydraulic) loss during fluid circulation. Thus, more power is transmitted to the drill bit, boosting the rate of penetration (ROP) and overall drilling efficiency.
- ◆ Suitable for Complex Wellbore Operations: Its tool joints and pipe body feature a relatively smooth structure, enabling easy passage through narrow and deviated well sections. Therefore, it is particularly suitable for complex working conditions with stringent drill string passability requirements, such as window sidetracking, extended-reach horizontal wells, and directional drilling.

SOUR-SERVICE DRILL PIPE



Product features:

Sour-Service drill pipe is a specialized tool designed to meet the exploration and development needs of oil and gas fields in sour and highly sour environments, offering excellent resistance to hydrogen sulfide stress corrosion cracking.

The product series, including grades SS75, SS95, and SS105, all meet the requirements of internationally recognized standards such as ISO 11961/GB/T 29166, API Spec 5DP, DACC IRP 1.8, and DS-1. It is suitable for sour environments and special process conditions like underbalanced drilling.

This series covers all API standard sizes from 2-3/8" to 6-5/8". Additionally, to meet the demands of special formations, even higher-strength grades like SS120, SS125, and WM135MS are available.



SOUR-SERVICE DP PERFORMANCE DATA SHEET

Grade		SS75	SS95	SS105	SS110	SS120	SS125	S135MS
Pipe Body	Yield strength	75 ~ 95 ksi	95 ~ 110 ksi	105 ~ 120 ksi	110 ~ 125 ksi	120 ~ 135 ksi	125 ~ 140 ksi	135 ~ 150 ksi
		517 ~ 655 Mpa	655 ~ 758 Mpa	724 ~ 827 Mpa	758 ~ 862 Mpa	827 ~ 931 Mpa	862 ~ 965 Mpa	931 ~ 1034 Mpa
	Tensile strength	95 ~ 115 ksi	105 ~ 130 ksi	115 ~ 140 ksi	120 ~ 145 ksi	≥ 130 ksi	≥ 135 ksi	≥ 145 ksi
		655 ~ 793 Mpa	724 ~ 896 Mpa	793 ~ 965 Mpa	827 ~ 1000 Mpa	≥ 896 Mpa	≥ 931 Mpa	≥ 965 Mpa
	Charpy V-notch longitudinal impact toughness, 3/4 size, 21°	≥ 75 ft-lbf	≥ 75 ft-lbf	≥ 75 ft-lbf	≥ 75 ft-lbf	≥ 75 ft-lbf	≥ 75 ft-lbf	≥ 59ft-lbf
		≥ 101.6J	≥ 101.6J	≥ 101.6J	≥ 101.6J	≥ 101.6J	≥ 101.6J	≥ 80J
TJ	Rockwell hardness	≤ 24 HRC	18 ~ 27 HRC	21 ~ 29HRC	24 ~ 32HRC	≤ 34 HRC	≤ 34 HRC	≤ 35 HRC
	(NACETM0177) Sour resistance test	Method A, Solution A, 85%SMYS, 720 hours				Method A, Solution D, 85%SMYS, 720 hours		
TJ	Yield strength	110 ~ 125 ksi				120 ~ 135 ksi		
		758 ~ 862 Mpa				827 ~ 931 Mpa		
	Tensile strength	125 ~ 145 ksi				≥ 130 ksi		
		862 ~ 1000 Mpa				≥ 896 Mpa		
	Charpy V-notch longitudinal impact toughness, size, 21°	≥ 75 ft-lbf				≥ 75 ft-lbf		
		≥ 101.6J				≥ 101.6J		
Sour resistance test (NACETM0177)	Hardness	≤ 32 HRC				≤ 34 HRC		
	Sour resistance test (NACETM0177)	Method A, A solution, 65%SMYS, 720 hours				Method A, D solution, 65%SMYS, 720 hours		

SS75, SS95, SS105, SS110

These sour service drill pipes developed according to API 5DP meet the requirements of NACE TM0177 Method A Solution A and are generally used in more severe H₂S conditions.

SS120 and SS125 are sour service drill pipes developed based on market demand. These products meet the requirements of NACE TM0177 Method A Solution D and can be used in well conditions with moderate and shallow hydrogen sulfide corrosion environments. It also offers high yield strength, making it suitable for deeper well conditions.

The WM135MS is a sour service drill pipe independently developed based on market demand. This product meets the requirements of NACE TM0177 Method A Solution D and can be used in well conditions with shallow hydrogen sulfide corrosion environments. It also offers high yield strength, making it suitable for deeper well conditions.

HWDP



HWDP STRUCTURE DIAGRAM

In the conventional drill string assembly, heavy-weight drill pipe is applied between the drill pipe and drill collars to reduce stress concentration between the flexible drill pipe and rigid drill collars. In horizontal wells and extended-reach wells, it is often used as a substitute for drill collars to minimize friction.

Our company strictly adheres to API Spec 7-1, NS-1, DS-1, and other standards to provide customers with high-performance heavy-weight drill pipe products. We continuously develop heavy-weight drill pipe products that meet the requirements of special operating conditions in conjunction with advancements in drilling technology.



HWDP

Size

OD: From 3-1/2" to 6-5/8

Type

Integral HWDP, Welded HWDP, Sour Service HWDP,
High-strength Welded HWDP

Connection Type

API standard, Double shoulder WMDS, High Torque WMHT, Super High Torque WMT and
Gas Tight WMQT series, etc.

Standards

API Spec 7-1、API Spec 7-2、NS-1、DS-1

INTEGRAL HWDP PERFORMANCE DATA SHEET

Tool Joint OD Range	Min. Yield Strength	Min. Tensile Strength	Elongation%	Min. Brinell Hardness (HBW)	V-notch Impact Energy Test 21°C ± 3°C Average/Min.
3 1/8in-6 7/8in	110Ksi	140Ksi	13	≥285	40ft · lbs / 35ft · lbs
79.4mm-174.6mm	758Mpa	965Mpa			54J / 47J
> 6 7/8in	100Ksi	135Ksi	13	≥285	40ft · lbs / 35ft · lbs
> 174.6mm	689Mpa	931Mpa			54J / 47J

WELDED HWDP PERFORMANCE DATA SHEET

Tool Joint					Pipe Body			
Tool Joint OD Range	Min. Yield Strength	Min. Tensile Strength	Elongation%	Charpy V-notch Longitudinal Impact Toughness, Full Size, 21° C: Min. Average/Min. Single Value	Min. Brinell Hardness (HBW)	Min. Yield Strength	Min. Tensile Strength	Min. Elongation (%)
3 1/8in-6 7/8in	110ksi	140ksi	13	40/35ft-lb	285	55ksi	95ksi	18
79.4mm-174.6mm	758MPa	965MPa		54/47J		379MPa	655MPa	
> 6 7/8in	100ksi	135ksi	13	40/35ft-lb	285	55ksi	95ksi	18
> 174.6mm	689MPa	931MPa		54/47J		379MPa	655MPa	

SOUR SERVICE HWDP PERFORMANCE DATA SHEET

Grade	Pipe body					Tool Joint				
	Min. Yield Strength	Min. Tensile Strength	Charpy V-notch longitudinal impact toughness, full-size, 21° C min. single value	Max. Hardness (HRC/HBW)	Hydrogen Sulfide Stress Cracking (SSC) test (NACE TM0177)	Min. Yield Strength	Min. Tensile Strength	Hydrogen Sulfide Stress Cracking (SSC) test (NACE TM0177)	Hardness, Max. Single Value (HRC/HBW)	Hydrogen Sulfide Stress Cracking (SSC) test (NACE TM0177)
SS75	75ksi	95ksi	60ft-lb	24/247	Method A, Solution A 85%SMYS	110ksi	125ksi	66ft-lb	32/301	Method A, Solution A 65%SMYS
	517MPa	655MPa	81J			758MPa	862MPa	90J		
SS95	95ksi	105ksi	60ft-lb	27/264	Method A, Solution A 85%SMYS	110ksi	125ksi	66ft-lb	32/301	Method A, Solution A 65%SMYS
	655MPa	724MPa	81J			758MPa	862MPa	90J		
SS105	105ksi	115ksi	60ft-lb	29/279	Method A, Solution A 85%SMYS	110ksi	125ksi	66ft-lb	32/301	Method A, Solution A 65%SMYS
	724MPa	793MPa	81J			758MPa	862MPa	90J		
SS110	110ksi	125ksi	60ft-lb	32/301	Method A, Solution A 85%SMYS	120ksi	130ksi	66ft-lb	34/341	Method A, Solution A 65%SMYS
	758MPa	862MPa	81J			827MPa	896MPa	90J		

HIGH-STRENGTH HWDP PERFORMANCE DATA SHEET

Grade	Pipe Body			Tool Joint			
	Min. Yield strength	Min. Tensile strength	Charpy V-notch longitudinal impact toughness, full size, 21° C	Min. Yield Strength	Min. Tensile strength	Hardness (BHN)	Charpy V-notch longitudinal impact toughness, full size, 21° C: minimum average/min. single value
75	75ksi	95ksi	40/35ft-lb	120ksi	140ksi	285-341	40/35ft-lb
	517MPa	655MPa	54/47J	827MPa	965MPa		54/47J
95	95ksi	105ksi	40/35ft-lb	120ksi	140ksi	285-341	40/35ft-lb
	655MPa	724MPa	54/47J	827MPa	965MPa		54/47J
110	110ksi	125ksi	40/35ft-lb	120ksi	140ksi	285-341	40/35ft-lb
	758MPa	862MPa	54/47J	827MPa	965MPa		54/47J
120	120ksi	130ksi	40/35ft-lb	120ksi	140ksi	285-341	40/35ft-lb
	827MPa	896MPa	54/47J	827MPa	965MPa		54/47J
130	130ksi	140ksi	40/35ft-lb	130ksi	140ksi	302-363	40/35ft-lb
	896MPa	965MPa	54/47J	896MPa	965MPa		54/47J
135	135ksi	145ksi	40/35ft-lb	130ksi	140ksi	302-363	40/35ft-lb
	931MPa	1000MPa	54/47J	896MPa	965MPa		54/47J

NON-MAGNETIC HWDP

Non-magnetic heavy weight drill pipe is a key tool for modern precision drilling and efficient oil and gas resource development. It provides a favorable non-magnetic environment for downhole exploration instruments, ensuring accurate acquisition of wellbore trajectory and formation parameters, while also withstanding various mechanical loads during the drilling process.

Our company strictly adheres to API Spec 7-1, NS-1, DS-1, and other standards to provide customers with high-performance non-magnetic heavy weight drill pipe. We can also customize non-magnetic heavy weight drill pipe with special performance characteristics according to customer requirements.





TOOL JOINT



TOOL JOINT

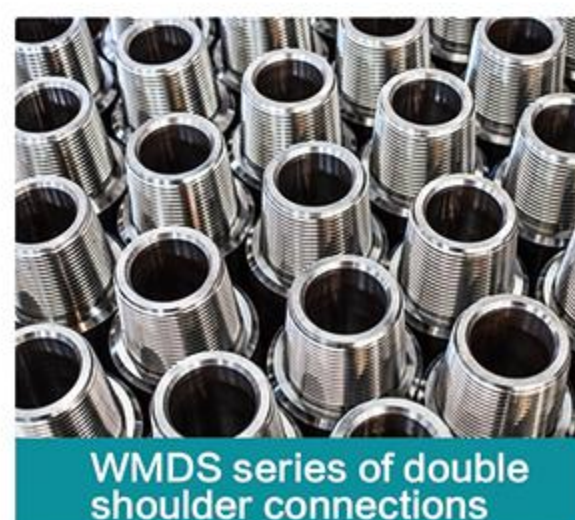
Connection Type

API standard, Double shoulder WMDS, High Torque WMHT, Super High Torque WMT and Gas Tight WMQT series etc.

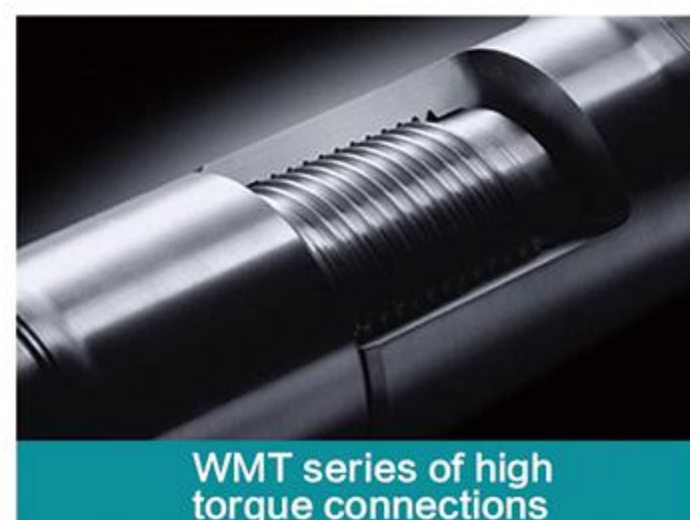
Standards

API Spec 5DP、API Spec 7-2、NS-1、DS-1

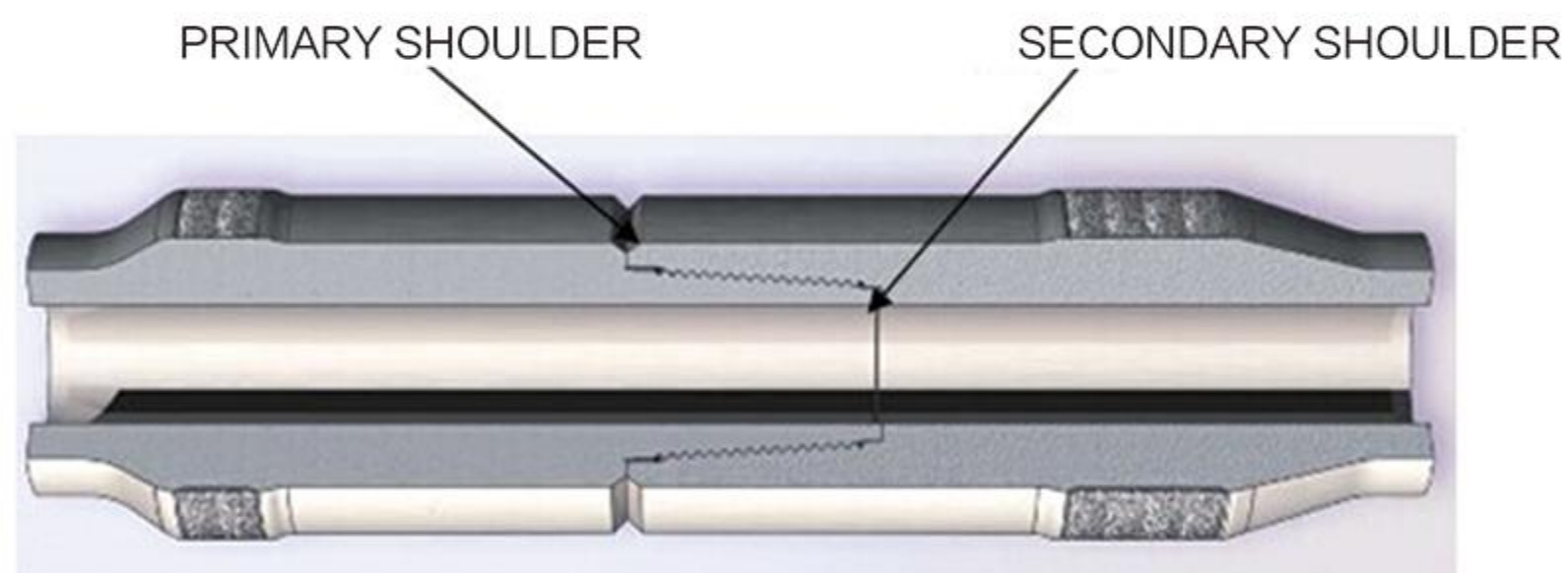
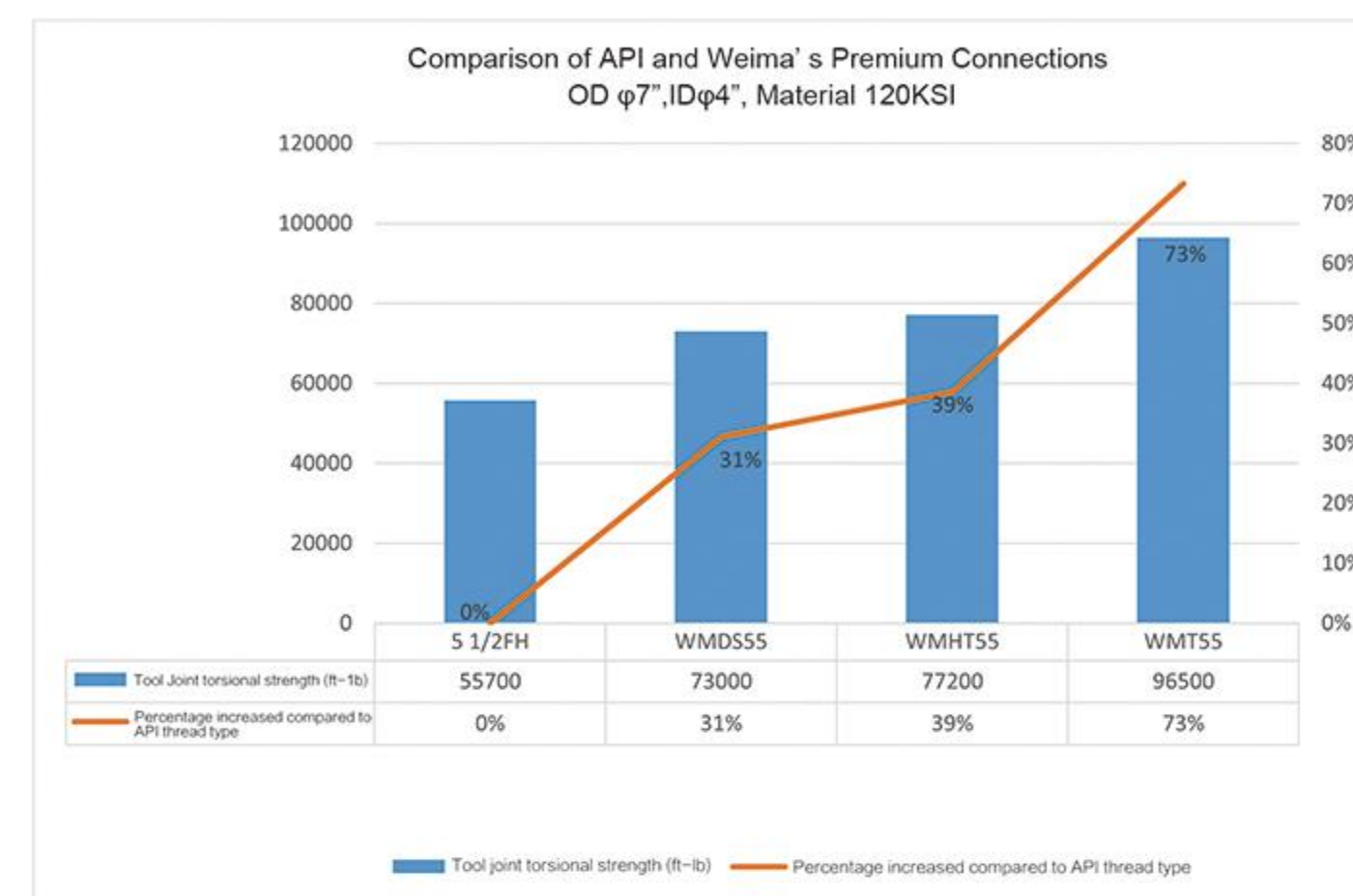
Patented Products



WMDS series of double shoulder connections



WMT series of high torque connections



THE PRIMARY SHOULDER AND THE SECONDARY SHOULDER TOGETHER FORM THE DOUBLE-SHOULDER STRUCTURE OF THE DRILL PIPE JOINT, AND ITS MAIN FEATURES ARE AS FOLLOWS:

1. Significantly improve the torsional strength of the tool joint.
2. The stress distribution of the threaded section is optimized, thereby improving the fatigue life of the threads and extending the overall service life of the drill pipe tool joint.

The WMDS, WMHT and WMT series tool joints all adopt this double-shoulder structure, which effectively addresses the issue of insufficient torsional strength in API standard tool joints. Under the same conditions of material, outer diameter and inner diameter:

The torsional strength of WMDS tool joints is 20% to 30% higher than that of API tool joints.

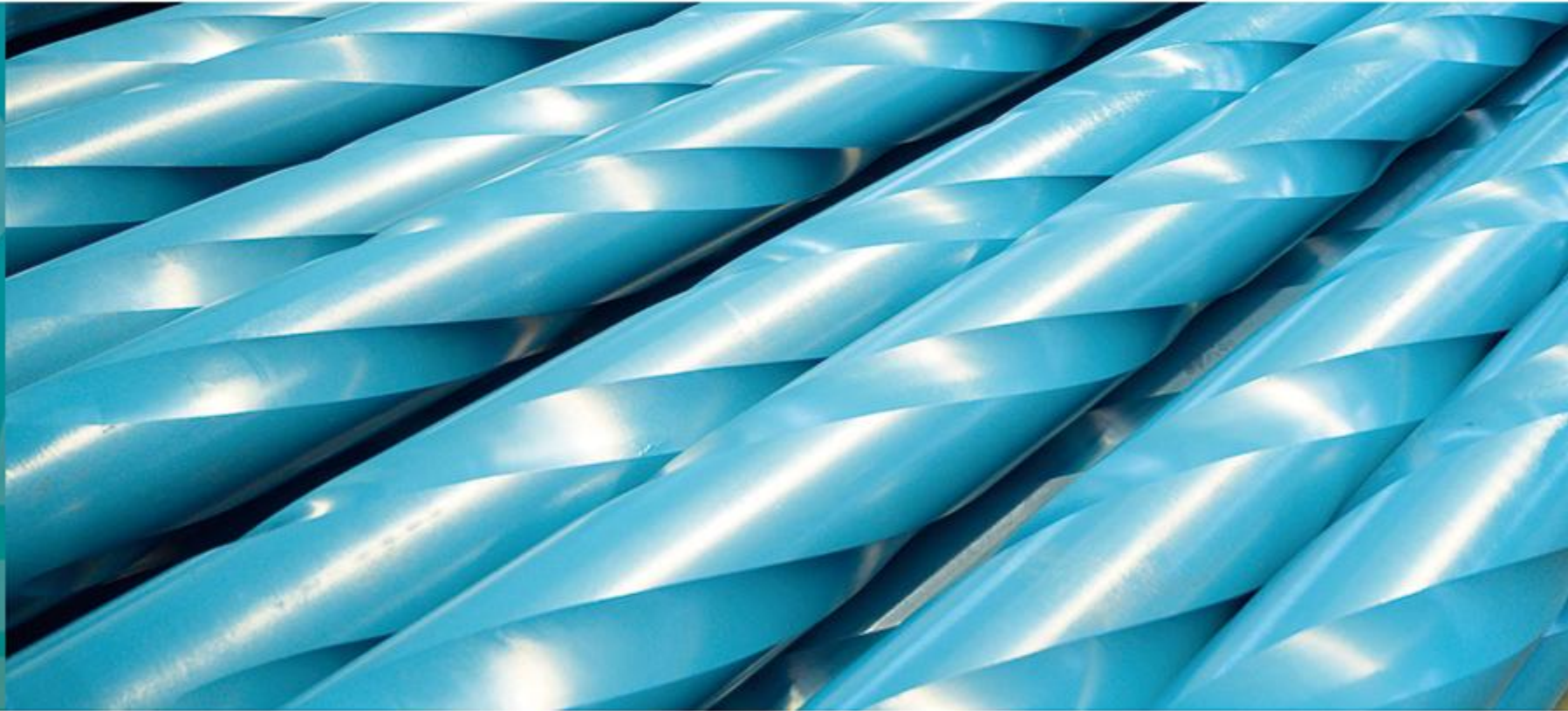
The torsional strength of WMHT tool joints is 25% to 40% higher than that of API tool joints.

The torsional strength of WMT tool joints is significantly increased by approximately 70% compared with API tool joints.

In addition, the WMQT series gas-tight connections with excellent gas sealing performance are also available, with a sealing capacity of up to 15,000 PSI.



DRILL COLLAR



Drill Collar

Size

OD: From 3-1/8" to 11" (Customizable)

Type

Slick DC, Spiral DC, Non-magnetic DC, Sour-service DC

Material:

4145H、W1813N、P530、P550、P650 etc.

Standards:

API Spec 7-1 、 API Spec 7-2 、 DS-1 、 NS-1



DRILL DOLLAR STRUCTURE DIAGRAM

The drill collar is located at the lower part of the drill string assembly. Its main functions are to provide weight on bit for the drill bit and ensure the rigidity of the drill string. It is a core thick-walled tool for achieving efficient rock crushing and stabilizing wellbore trajectory.

DRILL COLLAR PERFORMANCE DATA SHEET

Drill Collar OD Range	Min. Yield Strength	Min. Tensile Strength	Elongation %	Min. Brinell Hardness (HBW)	V-notch Impact Test 21°C ± 3°C Average/Min.
3 1/8in-6 7/8in	110Ksi	140Ksi	13	≥285	40ft · lbs / 35ft · lbs
79.4mm-174.6mm	758Mpa	965Mpa			54J / 47J
7in-11in	100Ksi	135Ksi	13	≥285	40ft · lbs / 35ft · lbs
177.8mm-279.4mm	689Mpa	931Mpa			54J / 47J

SOUR SERVICE DRILL COLLAR PERFORMANCE DATA SHEET

Grade	Min. Yield Strength	Min. Tensile Strength	Charpy V-notch Longitudinal Impact Toughness, Full Size, 21° C, Min. Single Value	Max. Hardness (HRC/HBW)	Hydrogen Sulfide Stress Cracking (SSC) Test (NACE TM0177)
SS105	105ksi	115ksi	60ft-lb	29/279	Method A, Solution A, 65%SMYS
	724MPa	793MPa	81J		
SS110	110ksi	125ksi	60ft-lb	32/301	Method A, Solution A, 65%SMYS
	758MPa	862MPa	81J		



INTERNAL COATING



INTERNAL COATING

High-value-added Internal Coating Products

In 2012, Weima, in a two-year joint R&D effort with renowned German coating expert Dr. Wolfgang Schade, successfully developed the WT series of high-performance drilling tool coating products. This achievement broke the monopoly of foreign coating products in China's high-end drilling tool coating market, and filled the domestic technical gap in high-temperature drilling tool coatings.

Weima's coating production line is designed and constructed in accordance with the world's most advanced petroleum pipe coating line standards, with a workshop area of 14,750 square meters. The main equipment includes bogie-type thermal cleaning furnaces, sandblasting equipment, chain-type continuous furnaces, powder coating spray equipment, liquid coating spray equipment and online testing equipment. It is capable of coating various specifications of OCTG and drilling pipes including drill pipes, heavy-weight drill pipes, drill collars, tubing, casing pipes and surface pipelines, with an inner diameter range of 35 – 400 mm and a maximum length of 13 meters. The annual production capacity reaches 1,000,000 meters.

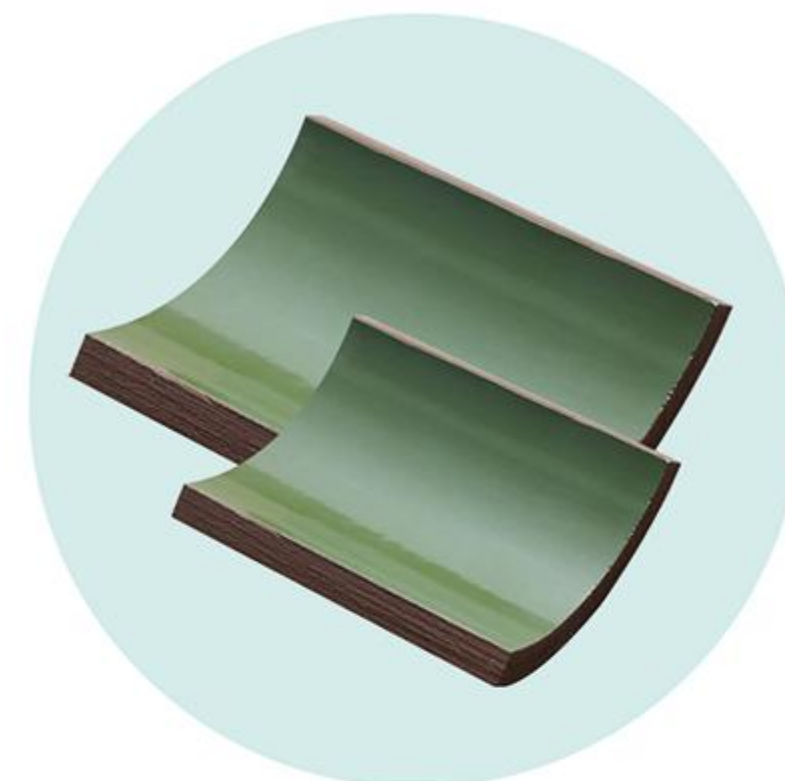
The WT series coatings have obtained the NS-1 certification from the Fearnley Group, an internationally authoritative technical organization. They have also passed certifications from a number of domestic and overseas authoritative institutions, including the Calgary Laboratory (Canada) – a certification body of the International Corrosion Institute, and the Tubular Goods Research Institute of China National Petroleum Corporation (CNPC).

After years of development, Weima's coating products have been widely used in major oilfields at home and abroad, and have gained high recognition from customers. Compared with domestic peer enterprises, Weima's coatings boast advantages such as superior quality and stable performance. With a high level of production line automation, it features high efficiency and low energy consumption, representing the first-class domestic technological and equipment level of internal coating processes.

WT300P Coating product

PRODUCT FEATURES

- ◆ WT300P is an epoxy-phenolic modified coating primarily used in high-temperature, high-pressure drilling environments containing H₂S and CO₂.
- ◆ It exhibits excellent corrosion resistance over a wide temperature and pH range, is suitable for various mud systems, and extends drilling tools service life by 3–4 times.
- ◆ It possesses excellent low-friction characteristics, improving water circulation efficiency, reducing pump pressure, and saving 10%–25% of drilling power, thus reducing drilling energy consumption.
- ◆ The coating boasts a long service life and remains intact even after repeated use.



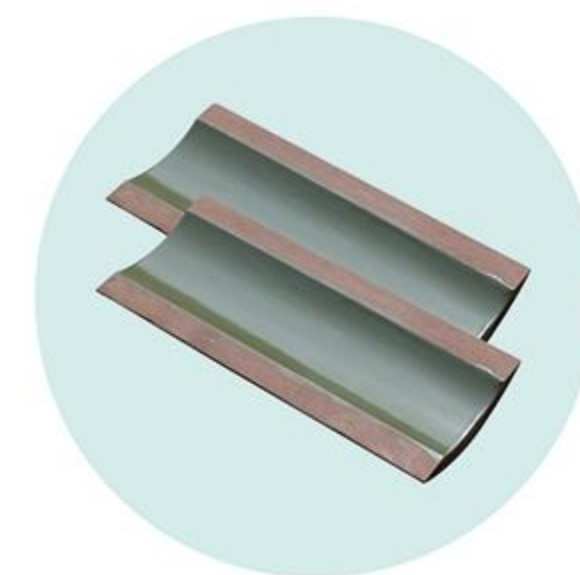
TECHNICAL PARAMETERS

Type	German epoxy phenolic modified coatings (powder)
Color	green
Film Thickness	150–300 micrometer
Adhesion	A
Roughness (Ra)	≤0.5 μm
Hardness	≥7H
Abrasion resistance (Sand falling method)	≥2.0 L/μm
High temperature and high pressure resistance (pH=12.5, 180°C, 80MPa)	≥24 hours, No blisters, adhesion remains unchanged
Flexibility	–30°C, 2.5° Bending, no visible cracks
Recommended operating temperature	≤250°C
Pressure resistance	Reaching the pipe's yield limit
Acid and alkali resistance range	pH: 1–12.5
Main application scope	Petroleum drilling engineering

WT300 Coating product

PRODUCT FEATURES

- ◆ WT300 is an epoxy-phenolic modified coating, primarily suitable for environments with a wide range of temperatures and pH values.
- ◆ It exhibits excellent anti-corrosion performance and is compatible with various mud systems, extending the service life of drilling tools by 3–4 times.
- ◆ Boasting outstanding low-friction properties, it can enhance water circulation efficiency, reduce pump pressure, cut down drilling power consumption by 10% – 25%, and lower drilling energy usage.
- ◆ The coating features a long service life and remains intact even after repeated use.





TECHNICAL PARAMETERS

Type	American epoxy phenolic modified coatings (powder)
Color	Dark green
Film Thickness	150–300micrometer
Adhesion	A
Roughness (Ra)	≤0.5 μ m
Hardness	≥7H
Abrasion resistance (Sand falling method)	≥2.0 L/ μ m
High temperature and high pressure resistance (pH=12.5, 180℃, 70MPa)	≥24 hours, No blisters, adhesion remains unchanged
Flexibility	–30℃,2.5° Bending, no visible cracks
Recommended operating temperature	≤204℃
Pressure resistance	Reaching the pipe's yield limit
Acid and alkali resistance range	pH: 3–13
Main application scope	Petroleum drilling engineering

SAND CONTROL SCREEN PIPE



WT200 Coating product

PRODUCT FEATURES

- ◆ WT200 is an epoxy–phenolic modified coating primarily used in high–temperature, high–pressure drilling environments containing H₂S and CO₂.
- ◆ It exhibits excellent corrosion resistance over a wide temperature and pH range, is suitable for various mud systems, and extends drilling tools service life by 3–4 times.
- ◆ It possesses excellent low–friction characteristics, improving water circulation efficiency, reducing pump pressure, and saving 10%–25% of drilling power, thus reducing drilling energy consumption.
- ◆ The coating boasts a long service life and remains intact even after repeated use.



TECHNICAL PARAMETERS

Type	American epoxy phenolic modified coatings (powder)
Color	Tan
Film Thickness	150–300micrometer
Adhesion	A
Roughness (Ra)	≤0.5 μ m
hardness	≥7H
Abrasion resistance (Sand falling method)	≥2.0 L/ μ m
High temperature and high pressure resistance (pH=12.5, 148℃, 70MPa)	≥24 hours, No blisters, adhesion remains unchanged
Flexural properties	–30℃,2.5° Bending, no visible cracks
Recommended operating temperature	≤170℃
Pressure resistance	Reaching the pipe's yield limit
Acid and alkali resistance range	pH: 3–13
Main application scope	Petroleum drilling engineering



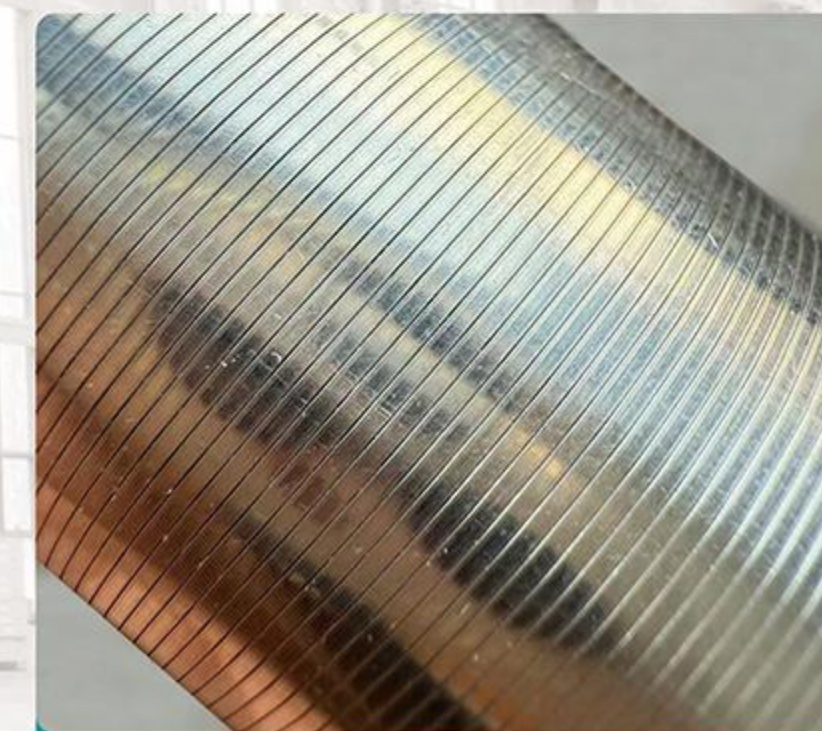
Flow Diversion Screen



Dual-layer Pre-packed Screen



Continuous Wrapped Wire Screen



Precision Wound Wire Composite Screen



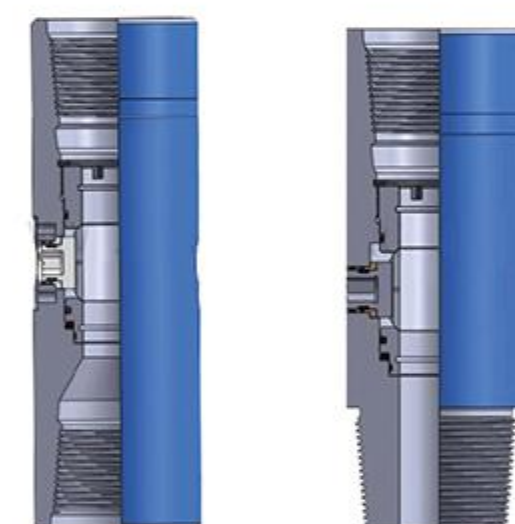
PRODUCT CATALOG

No.	Name	Size	Structural features	Use environment and place
1	Wire-wound screen (ordinary, thermal recovery)	WM-P(R)SG 1.9in-7in	The filter element is precision-formed from stainless steel or corrosion-resistant alloy wire and then wound and welded onto the framework. The support ribs form longitudinal flow channels, featuring precisely controlled gaps and excellent anti-clogging performance.	Suitable for gravel-packed sand control or direct sand control in oil and water wells.
2	Straight-wound wire screen	WM-ZCSG 1.9in-7in	Compared with conventional wrapped wire screens, it features a smaller outer diameter and higher collapse resistance. By optimizing the profile and dimensions of the wrapped wire, it also delivers superior erosion resistance.	Suitable for gravel packing or direct sand control in sidetrack wells and horizontal wells.
3	Wire-wound extrusion screen (Reverse filtration)	WM-JZSG 2 3/8in-7in	Adopting an inverted structure compared with conventional wire wraps, it is more suitable for reverse filtration. The wire strands on the screen surface are aligned with the liquid flow direction, making it less prone to clogging during filtration.	Suitable for water injection sand control in water injection wells and chemical agent squeezing operations in oil wells.
4	Straight-wound wire screen	WM-SWSG 2 3/8in-7in	It is integrally assembled and welded with multiple layers of fine stainless steel wire mesh as the filtering element and an external protective tube. It features high flow filtration precision, wide applicability, high construction safety, and enables rapid commissioning.	Suitable for direct sand retention or gravel packing sand control in oil and water wells.
5	Mesh-type Wire-wrapped Composite Screen	WM-SG-FSW 2 3/8in-7in	It uses wire wraps as the framework or primary filtration unit, and wire mesh as the main filtering element, integrating the dual advantages of the self-cleaning property of wire wraps and the high filtration precision of wire mesh.	Suitable for direct sand retention or gravel packing sand control in oil and water wells with large displacement.
6	Inlay-type Screen	WM-SG-XQ 4in-7in	Holes and slots are machined on the base pipe, and the filter screen is formed by embedding filter elements into them. This structure results in a smaller outer diameter of the screen, making it easier to run into the well or fish out.	Suitable for sand control in casing-deformed wells, including embedded sintered metal felt, powder metallurgy particles, wire mesh, profiled laminated steel sheets, etc.
7	Double-layer pre-filled wire-wound screen tube	WM-YTSG 2 7/8in-7in	It adopts two layers of wire wraps as the filtration barrier, with filtering media such as coated sand, ceramsite and quartz sand filled between the wire wraps to form a filter screen, featuring high sand control precision and convenient construction operation.	Suitable for sand control in well completion and well testing operations.
8	Slotted Dual-Layer Pre-packed Screen	WM-YTFSG 2 7/8in-7in	It uses two layers of slotted sleeves as filtration barriers, with filtering media such as coated sand, ceramsite and quartz sand filled in between to form a filter screen, featuring high sand control precision and convenient construction operation.	Suitable for sand control in well completion and well testing operations.
9	Conventional Slotted Screen	WM-GF 2 3/8in-13 3/8in	It adopts laser equipment to cut diversion slots on the base pipe. The minimum slot precision can reach 0.2 mm and the maximum slot width is 6 mm. The resulting slotted screen is equivalent in size to conventional oil casing pipes, featuring a small outer diameter and easy running-in and fishing operations.	Suitable for sand control in oil and water wells.
10	FRP Anti-corrosion Slotted Screen	WM-FFGF 2 3/8in-13 3/8in	It adopts laser equipment to cut diversion slots on the FRP base pipe. The minimum slot precision can reach 0.3 mm and the maximum slot width is 10 mm. The resulting slotted screen features excellent corrosion resistance and can be easily run into the well and fished out.	Suitable for sand control in oil and water wells under acid-alkali conditions.
11	Sintered Ceramic Sheet Screen	WM-TCSG 2 3/8in-13 3/8in	Laser equipment is adopted to cut diversion slots on the FRP base pipe. The minimum slot precision can reach 0.3 mm and the maximum slot width is 10 mm. The resulting slotted screen is corrosion-resistant and easy to run into the well and fish out.	Suitable for environments requiring high wear resistance and high corrosion resistance, such as sand control in gas wells.
12	Sintered Felt Screen	WM-SZSG 2 3/8in-13 3/8in	It is made into a felt by sintering ultra-corrosion-resistant material filaments such as titanium wire or nichrome wire, then formed into a tubular shape, and finally combined with a base pipe and an outer protective pipe to produce a sand control screen.	Suitable for precision sand control and sand control in gas wells.
13	Bypass Screen	WM-PTSG 3 1/2in-5 1/2in	Adding a fluid bypass channel outside the mesh sand screen and the wire-wrapped screen can optimize gravel packing, form a denser sand control barrier, and achieve a more effective sand control effect.	Suitable for gravel packing sand control c ompletion in horizontal wells with long well sections.
14	Water-Control Screen with AICD	WM-KSSG 3 1/2in-5 1/2in	Control the rapid advance of edge and bottom water, avoid water breakthrough, extend the service life of horizontal wells, and significantly reduce the water cut of produced fluids.	Suitable for the development and production of horizontal wells with long well sections.

DOWN HOLE TOOLS

The company offers a complete range of downhole tools, covering drilling, cementing, completion, fracturing stimulation and other series, and is committed to providing customers with one-stop services.

DRILLING TOOLS



Top Drive Cocker



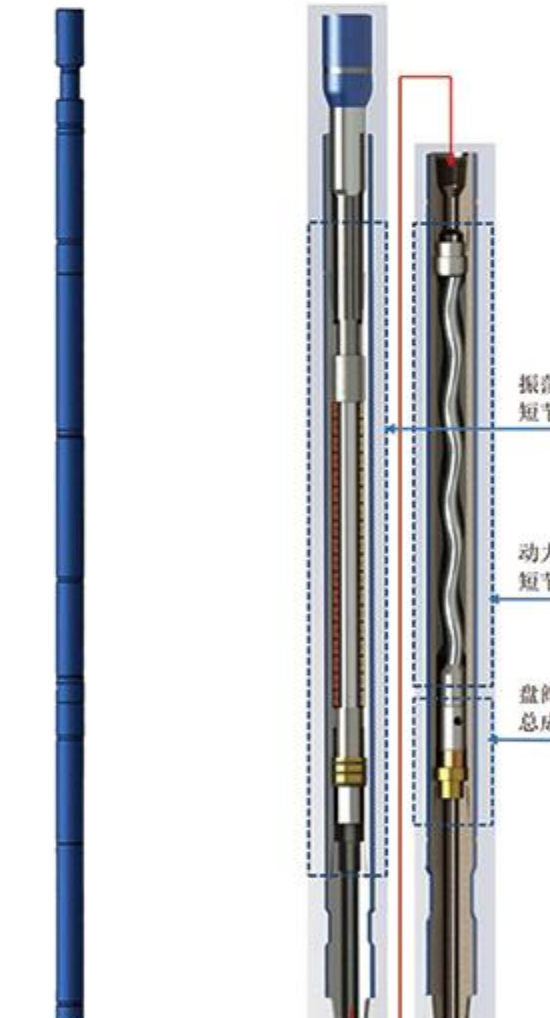
Float Valve



Retrievable Drop-in Check Valve

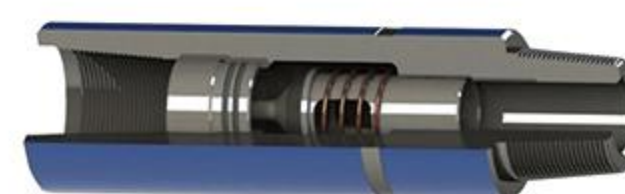


Mud Splash-Proof Valve



Drilling Jar

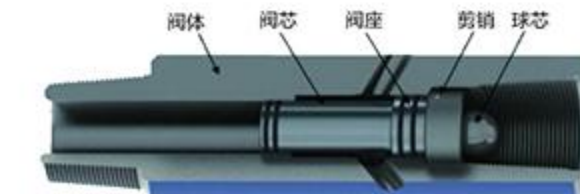
Hydraulic Oscillator



Arrow-type Check Valve



Kelly Cock Valve



Bypass Valve



CEMENTING TOOLS



Thermal Compensator



Stage Cementing Collar



Stepless Sliding Sleeve Bow Case



Infinite Sleeve



Cluster Ball-Drop Sleeve



Toe Sleeve

COMPLETION TOOLS



Dual-Slip Soluble Bridge Plug



Circulation Sleeve



Tubing-Retrieveable Safety Valve



Permanent Packer

R&D CENTER

The company places high importance on technological development, adhering to the philosophy of "Innovation Drives the Future." To continuously enhance core competitiveness, the R&D Center was officially established in 2009. The center focuses on cutting-edge technology research, product iteration and upgrades, and process optimization and innovation. It integrates high-quality scientific resources and gathers top talents to build a high-level R&D team. Guided by customer needs and driven by technological breakthroughs, it consistently tackles industry technical challenges and promotes the efficient transformation of scientific achievements.

The R&D Center is equipped with comprehensive physical, chemical, and mechanical performance laboratories, featuring professional testing and R&D equipment. Its hardware facilities and technological sophistication are industry-leading, and it obtained CNAS laboratory certification in 2017. Leveraging profound technical expertise, the center has secured over 200 patents in areas such as drill pipe structure, threaded connections, internal coatings, and new drilling tool products. It has also participated in the formulation and revision of multiple national standards, industry standards, and corporate standards.

After more than a decade of development, WEIMA has established a multi-level R&D platform system, including a national postdoctoral research workstation, provincial engineering research centers, an "One Enterprise, One Technology" R&D center, industrial design centers, corporate technology centers, as well as municipal key laboratories and technological innovation centers.



PRODUCT R&D

1. WEIMA Bimetal Composite Drill Pipe

Utilizing metallurgical composite billet technology with an inner stainless steel layer, combined with unique upsetting and heat treatment processes, it achieves a perfect balance of high strength and corrosion resistance. This thoroughly resolves the issue of organic coating detachment in ultra-deep well high-temperature and high-pressure environments, ensuring the long-term stable performance of the drill pipe.

2. WEIMA Dual-Wall Drill Pipe

Featuring an innovative dual-channel internal and external structural design combined with optimized drilling techniques, it effectively addresses drilling fluid loss in loss-prone formations. Applied in large-diameter upper wellbore conditions, it significantly enhances cuttings removal efficiency and improves wellbore cleaning performance.

3. WEIMA Double-Taper Drill Pipe

Breaking through traditional stress models, it converts slip friction into support force, effectively preventing drill pipe damage and extending service life. Additionally, it enables unmanned operation at the wellhead, increasing tripping efficiency by 25% while substantially reducing manual operational risks.

4. WEIMA Large-Bore Drill Pipe

Utilizing WEIMA special connections, the designed inner diameter of the tool joint is close to the pipe body's inner diameter. The minimal inner diameter ratio facilitates a smooth transition zone, preventing the formation of mud vortices in this area. This greatly reduces circulation system pressure loss, enhances mud transportation efficiency and capacity, and improves the ability to run various wireline instruments through the drill string.

5. WEIMA Insulated Drill Pipe

Specifically developed for high-temperature environments in ultra-deep wells, it effectively blocks annular heat transfer, ensuring stable operation of measurement-while-drilling instruments under extreme temperatures and guaranteeing accurate and reliable data.

6. WEIMA Titanium Alloy Drill Pipe

With its high strength, low density, excellent corrosion resistance, and superior elastic modulus, it is an ideal choice for complex conditions such as ultra-deep wells, ultra-short-radius horizontal wells, and wells with highly corrosive media.

7. WEIMA Aluminum Alloy Drill Pipe

Combining lightweight properties, high strength-to-weight ratio, and exceptional flexibility, it is particularly suitable for horizontal and directional wells, significantly reducing drill string friction and improving drilling efficiency.

8. WEIMA Hole-cleaning Drill Pipe

Its unique structural design efficiently disrupts cuttings beds, accelerates cuttings removal, and resolves drag pressure issues. It is especially suitable for extended-reach and horizontal wells, aiding in drilling speed enhancement.

9. WEIMA Filter Drill Pipe

Effectively filters foreign objects and detached coatings from drilling mud, preventing interference with measurement-while-drilling instrument signals. It ensures smooth circulation channels while maintaining safe and efficient drilling operations.

10. WEIMA Sour Service Drill Pipe

With a maximum steel grade of 135 KSI, it is specifically designed for hydrogen sulfide environments, providing superior resistance to sulfide stress corrosion cracking and ensuring operational safety under extreme conditions.

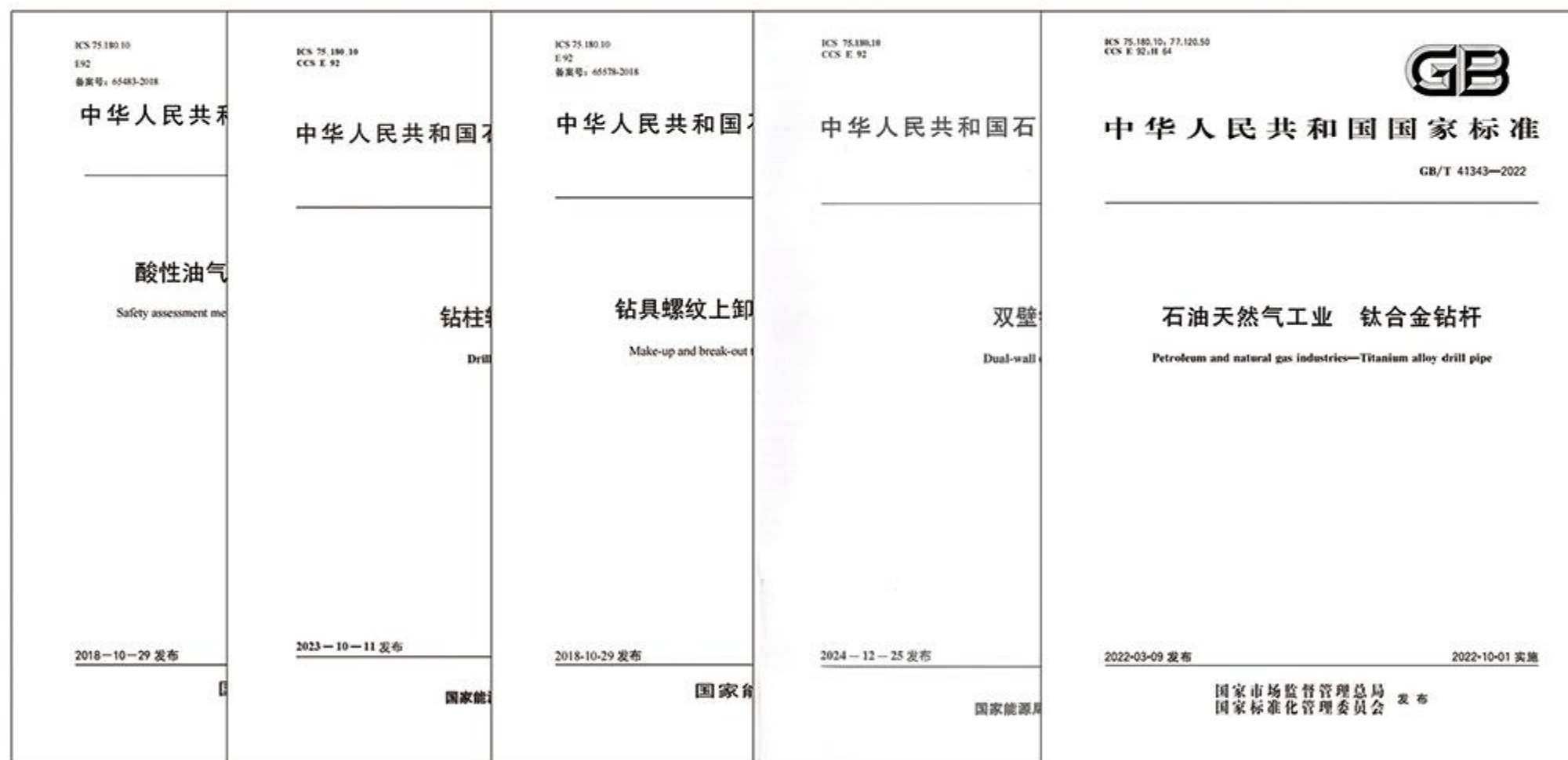
11. WEIMA Ultra-Deep Well Drill Pipe

Utilizing U165 ultra-high-strength steel grade pipe bodies paired with WEIMA special connection threads, it offers industry-leading tensile and torsional strength, meeting the stringent demands of deep, ultra-deep, and extended-reach horizontal wells.

12. WEIMA Premium Connections (WMDS/WMHT/WMT Series and High-Pressure Gas-Tight WMQT Series Premium Connections)

Employing optimized high-strength thread designs, they significantly enhance torsional performance and hydraulic efficiency, supporting high-torque and high-flow-rate drilling requirements to improve drilling speed and efficiency. The WMQT high-pressure gas-tight special connection builds upon the WEIMA Premium connection platform by adding a metal conical sealing structure, delivering excellent sealing performance with gas-tight capability up to 15,000 psi (105 MPa).





Thread Repairing



IPC Re-application



Hardbanding Re-application



AFTER-SALES SERVICE



DOMESTIC SALES NETWORK



PRE-SALES

TECHNICAL EXCHANGE
CUSTOMIZED DESIGN (AS REQUIRED)



IN-SALES

VISIT AND EXCHANGE
MANUFACTURING SUPERVISION SUPPORT (AS REQUIRED)

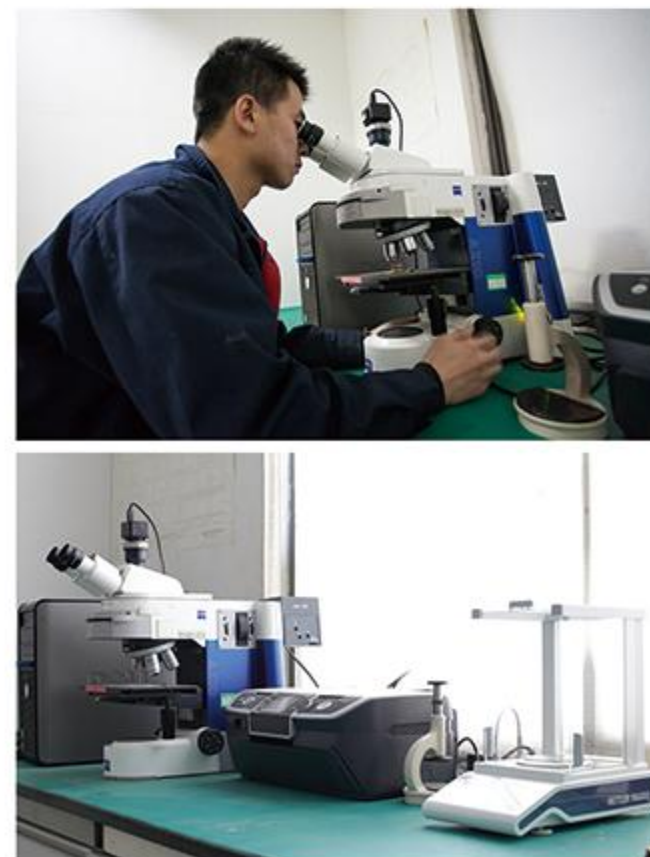


AFTER-SALES

ON-SITE OPERATION GUIDANCE; USAGE ISSUES; REGULAR CUSTOMER FOLLOW-UP

SERVICE COMMITMENT

The company will respond within 2 hours upon receiving customer feedback regarding product quality issues or requests for assistance. If on-site service is required, we will arrive at the location within mainland China within 24 hours.

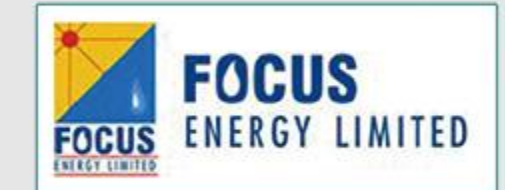




INTERNATIONAL SALES NETWORK



COOPERATIVE CLIENTS





MARKET BRAND COMPETITIVENESS

DOMESTIC MARKET:

Since 2015, the company has consistently ranked first in Sinopec's drill pipe product tenders and has been a top-tier supplier for CNPC. Since being officially listed in CNOOC's supplier network in 2012, the company has been a key supplier for CNOOC for multiple consecutive years. The company provides long-term production support services to Sinopec, CNPC, and CNOOC, boasting strong performance and reputation, with market coverage spanning numerous oilfields of the three major oil companies across China.

INTERNATIONAL MARKET:

In the international market, WEIMA products are exported to major oil and gas-producing countries in regions such as the CIS, Middle East and North Africa, Southeast Asia, and North and South America. The drilling tools and the proprietary WT series internal coating have received widespread praise and recognition from major oil and gas companies, drilling contractors, and service companies for their excellent quality.



CORPORATE MISSION

To make oil and gas resource development more efficient and contribute to national energy development.

CORPORATE VISION

To build a first-class manufacturing enterprise and create a top-tier national brand.

CORPORATE CULTURE

CHARACTER SHAPES PRODUCTS,
POSITIONING DEFINES STANDING;

DETAILS DETERMINE SUCCESS,
ATTITUDE DICTATES EVERYTHING.





DRILL PIPE BASIC SPECIFICATION TABLE

Drill Pipe Body						Tool Joint				
Label 1	Label 2	Wall Thickness		Steel Grade	Upset Type	Thread Type	OD		ID	
		in	mm				in	mm	in	mm
2 3/8	6.65	0.280	7.11	E75/SS75	EU	NC26	3 3/8	85.73	1 3/4	44.45
	6.65	0.280	7.11	E75/SS75	EU	WMHT26	3 3/8	85.73	1 3/4	44.45
	6.65	0.280	7.11	E75/SS75	EU	2-3/8 SLH90	3 1/4	82.55	1 3/4	44.45
2 3/8	6.65	0.280	7.11	X95/SS95	EU	NC26	3 3/8	85.73	1 3/4	44.45
	6.65	0.280	7.11	X95/SS95	EU	WMHT26	3 3/8	85.73	1 3/4	44.45
	6.65	0.280	7.11	X95/SS95	EU	2-3/8 SLH90	3 1/4	82.55	1 3/4	44.45
2 3/8	6.65	0.280	7.11	G105/G105MS/105S/SS105	EU	NC26	3 3/8	85.73	1 3/4	44.45
	6.65	0.280	7.11	G105/G105MS/105S/SS105	EU	WMHT26	3 3/8	85.73	1 3/4	44.45
	6.65	0.280	7.11	G105/G105MS/105S/SS105	EU	2-3/8 SLH90	3 1/4	82.55	1 3/4	44.45
	6.65	0.280	7.11	G105/G105MS/105S/SS105	EU	WMDS26	3 3/8	85.73	1 3/4	44.45
2 3/8	6.65	0.280	7.11	SS120/SS125/S135/S135MS	EU	NC26	3 5/8	92.08	1 1/2	38.10
	6.65	0.280	7.11	SS120/SS125/S135/S135MS	EU	WMHT26	3 3/8	85.73	1 5/8	41.28
	6.65	0.280	7.11	SS120/SS125/S135/S135MS	EU	2-3/8 SLH90	3 3/8	85.73	1 5/8	41.28
	6.65	0.280	7.11	SS120/SS125/S135/S135MS	EU	WMDS26	3 1/2	88.90	1 5/8	41.28
2 3/8	6.65	0.280	7.11	Z140	EU	WMT24	3 1/8	79.38	1 1/2	38.10
	6.65	0.280	7.11	Z140	EU	WMT26	3 3/8	85.73	1 5/8	41.28
	6.65	0.280	7.11	Z140	EU	WMHT26	3 3/8	85.73	1 5/8	41.28
	6.65	0.280	7.11	Z140	EU	WMDS26	3 1/2	88.90	1 5/8	41.28
2 3/8	6.65	0.280	7.11	V150/U165	EU	WMT24	3 1/8	79.38	1 3/8	34.93
	6.65	0.280	7.11	V150/U165	EU	WMT26	3 3/8	85.73	1 1/2	38.10
	6.65	0.280	7.11	V150/U165	EU	WMHT26	3 3/8	85.73	1 1/2	38.10
	6.65	0.280	7.11	V150/U165	EU	WMDS26	3 1/2	88.90	1 1/2	38.10
2 7/8	10.40	0.362	9.19	E75/SS75	EU	NC31	4 1/8	104.78	2 1/8	53.98
	10.40	0.362	9.19	E75/SS75	EU	NC26	3 1/2	88.90	1 1/2	38.10
	10.40	0.362	9.19	E75/SS75	EU	2-7/8 SLH90	3 7/8	98.43	2	50.80
	10.40	0.362	9.19	E75/SS75	IU	WMHT26	3 1/2	88.90	1 1/2	38.10
	10.40	0.362	9.19	E75/SS75	EU	WMHT31	4 1/8	104.78	2 1/8	53.98
	10.40	0.362	9.19	E75/SS75	IU	WMT26	3 1/2	88.90	1 1/2	38.10
	10.40	0.362	9.19	E75/SS75	EU	WMT31	3 7/8	98.43	2 1/8	53.98

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		in	mm				in	mm	in	mm
2 7/8	10.40	0.362	9.19	SS120/SS125/S135/S135MS	EU	NC31	4 1/8	104.78	2	50.80
	10.40	0.362	9.19	SS120/SS125/S135/S135MS	IU	NC26	3 5/8	92.08	1 1/2	38.10
	10.40	0.362	9.19	SS120/SS125/S135/S135MS	IU	2-7/8 SLH90	3 7/8	98.43	2	50.80
	10.40	0.362	9.19	SS120/SS125/S135/S135MS	IU	WMHT26	3 5/8	92.08	1 1/2	38.10
	10.40	0.362	9.19	SS120/SS125/S135/S135MS	EU	WMHT31	4 1/8	104.78	2	50.80
	10.40	0.362	9.19	SS120/SS125/S135/S135MS	IU	WMT26	3 1/2	88.90	1 3/8	34.93
	10.40	0.362	9.19	SS120/SS125/S135/S135MS	EU	WMT31	3 7/8	98.43	2 1/8	53.98
	10.40	0.362	9.19	SS120/SS125/S135/S135MS	EU	WMDS31	4 1/8	104.78	2	50.80
2 7/8	10.40	0.362	9.19	Z140	IU	WMHT26	3 5/8	92.08	1 1/4	31.75
	10.40	0.362	9.19	Z140	EU	WMHT31	4 1/8	104.78	2	50.80
	10.40	0.362	9.19	Z140	IU	WMT26	3 1/2	88.90	1 1/4	31.75
	10.40	0.362	9.19	Z140	EU	WMT31	4	101.60	2	50.80
	10.40	0.362	9.19	Z140	EU	WMDS31	4 1/8	104.78	2	50.80
2 7/8	10.40	0.362	9.19	V150/U165	IU	WMHT26	3 5/8	92.08	1 1/4	31.75
	10.40	0.362	9.19	V150/U165	EU	WMHT31	4 1/8	104.78	2	50.80
	10.40	0.362	9.19	V150/U165	IU	WMT26	3 1/2	88.90	1 1/4	31.75
	10.40	0.362	9.19	V150/U165	EU	WMT31	4	101.60	2	50.80
	10.40	0.362	9.19	V150/U165	EU	WMDS31	4 1/4	107.95	1 13/16	46.04
3 1/8	TW0.368	0.368	9.35	G105/G105MS/105S/SS105	ZL	WMT29	3 3/4	95.25	2	50.80
3 1/8	TW0.368	0.368	9.35	SS120/SS125/S135/S135MS	ZL	WMT29	3 3/4	95.25	2	50.80
3 1/8	TW0.368	0.368	9.35	G105/G105MS/105S/SS105	ZL	NT30	3 89/95	100.00	2 1/8	53.98
	TW0.368	0.368	9.35	G105/G105MS/105S/SS105	ZL	NT30	3 7/8	98.43	2 1/8	53.98
3 1/8	TW0.368	0.368	9.35	SS120/SS125/S135/S135MS	ZL	NT30	3 89/95	100.00	2 1/8	53.98
	TW0.368	0.368	9.35	SS120/SS125/S135/S135MS	ZL	NT30	3 7/8	98.43	2 1/8	53.98
3 1/8	TW0.368	0.368	9.35	G105/G105MS/105S/SS105	EU	NC33	4 1/8	104.78	2 1/4	57.15
	TW0.368	0.368	9.35	G105/G105MS/105S/SS105	EU	WMDS33	4 1/8	104.78	2 1/4	57.15
	TW0.368	0.368	9.35	SS120/SS125/S135/S135MS	EU	WMDS30	4 1/4	107.95	2	50.80
3 1/2	TW0.315	0.315	8.00	G105/G105MS/105S/SS105	IU	Z83	4 1/8	104.78	2	50.80
	TW0.315	0.315	8.00	SS120/SS125/S135/S135MS	IU	Z83DS	4 1/4	107.95	2	50.80



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Drill Pipe Body						Tool Joint				
Label 1	Label 2	Wall Thickness		Steel Grade	Upset Type	Thread Type	OD		ID	
		in	mm				in	mm	in	mm
3 1/2	13.30	0.368	9.35	E75/SS75	EU	NC38	4 3/4	120.65	2 11/16	68.26
	13.30	0.368	9.35	E75/SS75	IU	NC31	4 1/8	104.78	2	50.80
	13.30	0.368	9.35	E75/SS75	IU	WMHT31	4 1/8	104.78	2 1/8	53.98
	13.30	0.368	9.35	E75/SS75	EU	WMHT38	4 3/4	120.65	2 11/16	68.26
	13.30	0.368	9.35	E75/SS75	EU	3-1/2 SLH90	4 3/4	120.65	2 11/16	68.26
	13.30	0.368	9.35	E75/SS75	IU	WMT31	4	101.60	2 1/8	53.98
	13.30	0.368	9.35	E75/SS75	EU	WMT38	4 3/4	120.65	2 11/16	68.26
3 1/2	13.30	0.368	9.35	X95/SS95	EU	NC38	5	127.00	2 9/16	65.09
	13.30	0.368	9.35	X95/SS95	IU	NC31	4 1/8	104.78	2	50.80
	13.30	0.368	9.35	X95/SS95	IU	WMHT31	4 1/8	104.78	2	50.80
	13.30	0.368	9.35	X95/SS95	EU	WMHT38	4 3/4	120.65	2 11/16	68.26
	13.30	0.368	9.35	X95/SS95	EU	3-1/2 SLH90	4 3/4	120.65	2 11/16	68.26
	13.30	0.368	9.35	X95/SS95	IU	WMT31	4	101.60	2 1/8	53.98
	13.30	0.368	9.35	X95/SS95	EU	WMT38	4 3/4	120.65	2 11/16	68.26
3 1/2	13.30	0.368	9.35	G105/G105MS/105S/SS105	EU	NC38	5	127.00	2 7/16	61.91
	13.30	0.368	9.35	G105/G105MS/105S/SS105	IU	NC31	4 1/8	104.78	2	50.80
	13.30	0.368	9.35	G105/G105MS/105S/SS105	IU	WMHT31	4 1/8	104.78	2	50.80
	13.30	0.368	9.35	G105/G105MS/105S/SS105	EU	WMHT38	4 3/4	120.65	2 11/16	68.26
	13.30	0.368	9.35	G105/G105MS/105S/SS105	EU	3-1/2 SLH90	4 3/4	120.65	2 9/16	65.09
	13.30	0.368	9.35	G105/G105MS/105S/SS105	IU	WMT31	4 1/8	104.78	2	50.80
	13.30	0.368	9.35	G105/G105MS/105S/SS105	EU	WMT38	4 3/4	120.65	2 11/16	68.26
3 1/2	13.30	0.368	9.35	SS120/SS125/S135/S135MS	EU	NC38	5	127.00	2 1/8	53.98
	13.30	0.368	9.35	SS120/SS125/S135/S135MS	IU	NC31	4 1/8	104.78	2	50.80
	13.30	0.368	9.35	SS120/SS125/S135/S135MS	IU	WMHT31	4 1/8	104.78	1 13/16	46.04
	13.30	0.368	9.35	SS120/SS125/S135/S135MS	EU	WMHT38	4 3/4	120.65	2 9/16	65.09
	13.30	0.368	9.35	SS120/SS125/S135/S135MS	EU	3-1/2 SLH90	4 3/4	120.65	2 9/16	65.09
	13.30	0.368	9.35	SS120/SS125/S135/S135MS	IU	WMT31	4 1/8	104.78	1 3/4	44.45
	13.30	0.368	9.35	SS120/SS125/S135/S135MS	EU	WMT38	4 3/4	120.65	2 11/16	68.26
	13.30	0.368	9.35	SS120/SS125/S135/S135MS	EU	WMDS38	4 7/8	123.83	2 9/16	65.09

DRILL PIPE BASIC SPECIFICATION TABLE

Drill Pipe Body						Tool Joint				
Label 1	Label 2	Wall Thickness		Steel Grade	Upset Type	Thread Type	OD		ID	
		in	mm				in	mm	in	mm
3 1/2	13.30	0.368	9.35	Z140	IU	WMHT31	4 1/8	104.78	1 7/8	47.63
	13.30	0.368	9.35	Z140	EU	WMHT38	4 3/4	120.65	2 9/16	65.09
	13.30	0.368	9.35	Z140	IU	WMT31	4 1/8	104.78	1 3/4	44.45
	13.30	0.368	9.35	Z140	EU	WMT38	4 3/4	120.65	2 9/16	65.09
	13.30	0.368	9.35	Z140	EU	WMDS38	5	127.00	2 9/16	65.09
3 1/2	13.30	0.368	9.35	V150/U165	IU	WMHT31	4 1/4	107.95	1 3/4	44.45
	13.30	0.368	9.35	V150/U165	EU	WMHT38	4 3/4	120.65	2 7/16	61.91
	13.30	0.368	9.35	V150/U165	IU	WMT31	4 1/8	104.78	1 3/4	44.45
	13.30	0.368	9.35	V150/U165	EU	WMT38	4 3/4	120.65	2 9/16	65.09
	13.30	0.368	9.35	V150/U165	EU	WMDS38	5	127.00	2 1/4	57.15
3 1/2	15.50	0.449	11.40	E75/SS75	EU	NC38	5	127.00	2 9/16	65.09
	15.50	0.449	11.40	E75/SS75	EU	WMHT38	4 3/4	120.65	2 9/16	65.09
	15.50	0.449	11.40	E75/SS75	EU	WMT38	4 3/4	120.65	2 9/16	65.09
3 1/2	15.50	0.449	11.40	X95/SS95	EU	NC38	5	127.00	2 7/16	61.91
	15.50	0.449	11.40	X95/SS95	EU	WMHT38	4 3/4	120.65	2 9/16	65.09
	15.50	0.449	11.40	X95/SS95	EU	WMT38	4 3/4	120.65	2 9/16	65.09
3 1/2	15.50	0.449	11.40	G105/G105MS/105S/SS105	EU	NC38	5	127.00	2 1/8	53.98
	15.50	0.449	11.40	G105/G105MS/105S/SS105	EU	WMHT38	4 3/4	120.65	2 9/16	65.09
	15.50	0.449	11.40	G105/G105MS/105S/SS105	EU	NC40	5 1/4	133.35	2 9/16	65.09
	15.50	0.449	11.40	G105/G105MS/105S/SS105	EU	WMT38	4 3/4	120.65	2 9/16	65.09
3 1/2	15.50	0.449	11.40	SS120/SS125/S135/S135MS	EU	NC38	5	127.00	2 1/8	53.98
	15.50	0.449	11.40	SS120/SS125/S135/S135MS	EU	WMHT38	4 3/4	120.65	2 7/16	61.91
	15.50	0.449	11.40	SS120/SS125/S135/S135MS	EU	NC40	5 1/2	139.70	2 1/4	57.15
	15.50	0.449	11.40	SS120/SS125/S135/S135MS	EU	WMT38	4 3/4	120.65	2 7/16	61.91
	15.50	0.449	11.40	SS120/SS125/S135/S135MS	EU	WMT39	4 7/8	123.83	2 7/16	61.91
	15.50	0.449	11.40	SS120/SS125/S135/S135MS	EU	WMDS38	5	127.00	2 7/16	61.91
3 1/2	15.50	0.449	11.40	Z140	EU	WMHT38	4 3/4	120.65	2 7/16	61.91
	15.50	0.449	11.40	Z140	EU	WMT38	4 3/4	120.65	2 7/16	61.91
	15.50	0.449	11.40	Z140	EU	WMT39	4 7/8	123.83	2 7/16	61.91
	15.50	0.449	11.40	Z140	EU	WMDS38	5	127.00	2 7/16	61.91



DRILL PIPE BASIC SPECIFICATION TABLE

Drill Pipe Body					Tool Joint					
Label 1	Label 2	Wall Thickness		Steel Grade	Upset Type	Thread Type	OD		ID	
		in	mm				in	mm	in	mm
3 1/2	15.50	0.449	11.40	V150/U165	EU	WMHT38	5	127.00	2 1/4	57.15
	15.50	0.449	11.40	V150/U165	EU	WMT38	4 3/4	120.65	2 1/4	57.15
	15.50	0.449	11.40	V150/U165	EU	WMT39	4 7/8	123.83	2 1/4	57.15
	15.50	0.449	11.40	V150/U165	EU	WMDS38	5	127.00	2 1/4	57.15
4	14.00	0.330	8.38	E75/SS75	IU	NC40	5 1/4	133.35	2 13/16	71.44
	14.00	0.330	8.38	E75/SS75	IU	WMHT38	4 3/4	120.65	2 11/16	68.26
	14.00	0.330	8.38	E75/SS75	IU	4 SH	4 3/4	120.65	2 7/16	61.91
	14.00	0.330	8.38	E75/SS75	IU	WMHT40	5 1/4	133.35	2 13/16	71.44
	14.00	0.330	8.38	E75/SS75	EU	NC46	6	152.40	3 1/4	82.55
	14.00	0.330	8.38	E75/SS75	IU	WMT38	4 3/4	120.65	2 11/16	68.26
	14.00	0.330	8.38	E75/SS75	IU	WMT39	4 7/8	123.83	2 13/16	71.44
4	14.00	0.330	8.38	X95/SS95	IU	NC40	5 1/4	133.35	2 11/16	68.26
	14.00	0.330	8.38	X95/SS95	IU	WMHT38	4 3/4	120.65	2 11/16	68.26
	14.00	0.330	8.38	X95/SS95	IU	4 SH	4 3/4	120.65	2 7/16	61.91
	14.00	0.330	8.38	X95/SS95	IU	WMHT40	5 1/4	133.35	2 13/16	71.44
	14.00	0.330	8.38	X95/SS95	EU	NC46	6	152.40	3 1/4	82.55
	14.00	0.330	8.38	X95/SS95	IU	WMT38	4 3/4	120.65	2 11/16	68.26
	14.00	0.330	8.38	X95/SS95	IU	WMT39	4 7/8	123.83	2 13/16	71.44
4	14.00	0.330	8.38	G105/G105MS/105S/SS105	IU	NC40	5 1/2	139.70	2 7/16	61.91
	14.00	0.330	8.38	G105/G105MS/105S/SS105	IU	WMHT38	5	127.00	2 9/16	65.09
	14.00	0.330	8.38	G105/G105MS/105S/SS105	IU	4 SH	4 3/4	120.65	2 7/16	61.91
	14.00	0.330	8.38	G105/G105MS/105S/SS105	IU	WMHT40	5 1/4	133.35	2 13/16	71.44
	14.00	0.330	8.38	G105/G105MS/105S/SS105	EU	NC46	6	152.40	3 1/4	82.55
	14.00	0.330	8.38	G105/G105MS/105S/SS105	IU	WMT38	4 3/4	120.65	2 11/16	68.26
	14.00	0.330	8.38	G105/G105MS/105S/SS105	IU	WMT39	4 7/8	123.83	2 13/16	71.44
4	14.00	0.330	8.38	SS120/SS125/S135/S135MS	IU	NC40	5 1/2	139.70	2	50.80
	14.00	0.330	8.38	SS120/SS125/S135/S135MS	IU	WMHT38	5	127.00	2 7/16	61.91
	14.00	0.330	8.38	SS120/SS125/S135/S135MS	IU	4 SH	4 3/4	120.65	2 7/16	61.91
	14.00	0.330	8.38	SS120/SS125/S135/S135MS	IU	WMHT40	5 1/4	133.35	2 11/16	68.26

DRILL PIPE BASIC SPECIFICATION TABLE

Drill Pipe Body					Tool Joint					
Label 1	Label 2	Wall Thickness		Steel Grade	Upset Type	Thread Type	OD		ID	
		in	mm				in	mm	in	mm
4	14.00	0.330	8.38	SS120/SS125/S135/S135MS	EU	NC46	6	152.40	3	76.20
	14.00	0.330	8.38	SS120/SS125/S135/S135MS	IU	WMT38	4 3/4	120.65	2 9/16	65.09
	14.00	0.330	8.38	SS120/SS125/S135/S135MS	IU	WMT39	4 7/8	123.83	2 9/16	65.09
	14.00	0.330	8.38	SS120/SS125/S135/S135MS	IU	WMDS40	5 1/4	133.35	2 11/16	68.26
4	14.00	0.330	8.38	Z140	IU	WMHT38	5	127.00	2 7/16	61.91
	14.00	0.330	8.38	Z140	IU	WMHT40	5 1/4	133.35	2 11/16	68.26
	14.00	0.330	8.38	Z140	IU	WMT38	4 3/4	120.65	2 9/16	65.09
	14.00	0.330	8.38	Z140	IU	WMT39	4 7/8	123.83	2 9/16	65.09
	14.00	0.330	8.38	Z140	IU	WMDS40	5 1/4	133.35	2 9/16	65.09
4	14.00	0.330	8.38	V150/U165	IU	WMHT38	5	127.00	2 7/16	61.91
	14.00	0.330	8.38	V150/U165	IU	WMHT40	5 1/4	133.35	2 11/16	68.26
	14.00	0.330	8.38	V150/U165	IU	WMT38	4 3/4	120.65	2 7/16	61.91
	14.00	0.330	8.38	V150/U165	IU	WMT39	4 7/8	123.83	2 9/16	65.09
	14.00	0.330	8.38	V150/U165	IU	WMDS40	5 1/4	133.35	2 9/16	65.09
4	15.70	0.380	9.65	E75/SS75	IU	NC40	5 1/4	133.35	2 13/16	71.44
	15.70	0.380	9.65	E75/SS75	IU	WMHT40	5 1/4	133.35	2 13/16	71.44
	15.70	0.380	9.65	E75/SS75	IU	4 H90	5 1/2	139.70	2 13/16	71.44
	15.70	0.380	9.65	E75/SS75	EU	NC46	6	152.40	3	76.20
	15.70	0.380	9.65	E75/SS75	IU	WMT39	4 7/8	123.83	2 9/16	65.09
	15.70	0.380	9.65	E75/SS75	IU	WMT40	5 1/4	133.35	2 13/16	71.44
4	15.70	0.380	9.65	X95/SS95	IU	NC40	5 1/4	133.35	2 9/16	65.09
	15.70	0.380	9.65	X95/SS95	IU	WMHT40	5 1/4	133.35	2 13/16	71.44
	15.70	0.380	9.65	X95/SS95	IU	4 H90	5 1/2	139.70	2 13/16	71.44
	15.70	0.380	9.65	X95/SS95	EU	NC46	6	152.40	3	76.20
	15.70	0.380	9.65	X95/SS95	IU	WMT39	4 7/8	123.83	2 9/16	65.09
	15.70	0.380	9.65	X95/SS95	IU	WMT40	5 1/4	133.35	2 13/16	71.44
4	15.70	0.380	9.65	G105/G105MS/105S/SS105	IU	NC40	5 1/2	139.70	2 7/16	61.91
	15.70	0.380	9.65	G105/G105MS/105S/SS105	IU	WMHT40	5 1/4	133.35	2 13/16	71.44
	15.70	0.380	9.65	G105/G105MS/105S/SS105	IU	4 H90	5 1/2	139.70	2 13/16	71.44



DRILL PIPE BASIC SPECIFICATION TABLE

Drill Pipe Body						Tool Joint				
Label 1	Label 2	Wall Thickness		Steel Grade	Upset Type	Thread Type	OD		ID	
		in	mm				in	mm	in	mm
4	15.70	0.380	9.65	G105/G105MS/105S/SS105	EU	NC46	6	152.40	3	76.20
	15.70	0.380	9.65	G105/G105MS/105S/SS105	IU	WMT39	4 7/8	123.83	2 9/16	65.09
	15.70	0.380	9.65	G105/G105MS/105S/SS105	IU	WMT40	5 1/4	133.35	2 13/16	71.44
4	15.70	0.380	9.65	SS120/SS125/S135/S135MS	IU	NC40	5 1/2	139.70	2	50.80
	15.70	0.380	9.65	SS120/SS125/S135/S135MS	IU	WMHT40	5 1/4	133.35	2 9/16	65.09
	15.70	0.380	9.65	SS120/SS125/S135/S135MS	IU	4 H90	5 3/4	146.05	2 11/16	68.26
	15.70	0.380	9.65	SS120/SS125/S135/S135MS	IU	NC46	6	152.40	3	76.20
	15.70	0.380	9.65	SS120/SS125/S135/S135MS	IU	WMT39	4 7/8	123.83	2 9/16	65.09
	15.70	0.380	9.65	SS120/SS125/S135/S135MS	IU	WMT40	5 1/4	133.35	2 13/16	71.44
	15.70	0.380	9.65	SS120/SS125/S135/S135MS	IU	WMDS40	5 1/4	133.35	2 9/16	65.09
	15.70	0.380	9.65	Z140	IU	WMHT40	5 1/4	133.35	2 9/16	65.09
	15.70	0.380	9.65	Z140	IU	WMT39	4 7/8	123.83	2 9/16	65.09
	15.70	0.380	9.65	Z140	IU	WMT40	5 1/4	133.35	2 13/16	71.44
	15.70	0.380	9.65	Z140	IU	WMDS40	5 1/4	133.35	2 9/16	65.09
4	15.70	0.380	9.65	V150/U165	IU	WMHT40	5 1/4	133.35	2 7/16	61.91
	15.70	0.380	9.65	V150/U165	IU	WMT39	4 7/8	123.83	2 9/16	65.09
	15.70	0.380	9.65	V150/U165	IU	WMT40	5 1/4	133.35	2 11/16	68.26
	15.70	0.380	9.65	V150/U165	IU	WMDS40	5 1/4	133.35	2 7/16	61.91
4 1/2	16.60	0.337	8.56	X95/SS95	IEU	NC46	6 1/4	158.75	3 1/4	82.55
	16.60	0.337	8.56	X95/SS95	EU	4-1/2 OH	5 7/8	149.23	3 1/2	88.90
	16.60	0.337	8.56	X95/SS95	IEU	4-1/2 FH	6	152.40	3	76.20
	16.60	0.337	8.56	X95/SS95	IEU	4-1/2 H90	6	152.40	3 1/4	82.55
	16.60	0.337	8.56	X95/SS95	IEU	WMHT46	6 1/4	158.75	3 1/4	82.55
	16.60	0.337	8.56	X95/SS95	EU	NC50	6 5/8	168.28	3 3/4	95.25
	16.60	0.337	8.56	X95/SS95	EU	WMHT50	6 1/4	158.75	3 3/4	95.25
	16.60	0.337	8.56	X95/SS95	IEU	WMT40	5 1/4	133.35	3	76.20
	16.60	0.337	8.56	X95/SS95	IEU	WMT46	6	152.40	3 1/2	88.90
	16.60	0.337	8.56	X95/SS95	EU	WMT50	6 3/8	161.93	3 3/4	95.25
	16.60	0.337	8.56	G105/G105MS/105S/SS105	IEU	NC46	6 1/4	158.75	3	76.20

DRILL PIPE BASIC SPECIFICATION TABLE

Drill Pipe Body						Tool Joint				
Label 1	Label 2	Wall Thickness		Steel Grade	Upset Type	Thread Type	OD		ID	
		in	mm				in	mm	in	mm
4 1/2	16.60	0.337	8.56	G105/G105MS/105S/SS105	EU	4-1/2 OH	6	152.40	3 1/4	82.55
	16.60	0.337	8.56	G105/G105MS/105S/SS105	IEU	4-1/2 FH	6 1/4	158.75	2 3/4	69.85
	16.60	0.337	8.56	G105/G105MS/105S/SS105	IEU	4-1/2 H90	6	152.40	3 1/4	82.55
	16.60	0.337	8.56	G105/G105MS/105S/SS105	IEU	WMHT46	6 1/4	158.75	3 1/4	82.55
	16.60	0.337	8.56	G105/G105MS/105S/SS105	EU	NC50	6 5/8	168.28	3 3/4	95.25
	16.60	0.337	8.56	G105/G105MS/105S/SS105	EU	WMHT50	6 1/4	158.75	3 3/4	95.25
	16.60	0.337	8.56	G105/G105MS/105S/SS105	IEU	WMT40	5 1/4	133.35	3	76.20
	16.60	0.337	8.56	G105/G105MS/105S/SS105	IEU	WMT46	6	152.40	3 1/2	88.90
	16.60	0.337	8.56	G105/G105MS/105S/SS105	EU	WMT50	6 3/8	161.93	3 3/4	95.25
4 1/2	16.60	0.337	8.56	SS120/SS125/S135/S135MS	IEU	NC46	6 1/4	158.75	2 3/4	69.85
	16.60	0.337	8.56	SS120/SS125/S135/S135MS	EU	4-1/2 OH	6	152.40	3	76.20
	16.60	0.337	8.56	SS120/SS125/S135/S135MS	IEU	4-1/2 FH	6 1/4	158.75	2 3/4	69.85
	16.60	0.337	8.56	SS120/SS125/S135/S135MS	IEU	4-1/2 H90	6 1/4	158.75	2 3/4	69.85
	16.60	0.337	8.56	SS120/SS125/S135/S135MS	IEU	WMHT46	6 1/4	158.75	3 1/4	82.55
	16.60	0.337	8.56	SS120/SS125/S135/S135MS	EU	NC50	6 5/8	168.28	3 1/2	88.90
	16.60	0.337	8.56	SS120/SS125/S135/S135MS	EU	WMHT50	6 3/8	161.93	3 1/2	88.90
	16.60	0.337	8.56	SS120/SS125/S135/S135MS	IEU	WMT40	5 1/4	133.35	2 11/16	68.26
	16.60	0.337	8.56	SS120/SS125/S135/S135MS	IEU	WMT46	6	152.40	3 1/2	88.90
	16.60	0.337	8.56	SS120/SS125/S135/S135MS	EU	WMT50	6 3/8	161.93	3 3/4	95.25
	16.60	0.337	8.56	SS120/SS125/S135/S135MS	IEU	WMDS46	6 1/4	158.75	3 1/4	82.55
4 1/2	16.60	0.337	8.56	Z140	IEU	WMHT46	6 1/4	158.75	3 1/4	82.55
	16.60	0.337	8.56	Z140	EU	WMHT50	6 3/8	161.93	3 1/2	88.90
	16.60	0.337	8.56	Z140	IEU	WMT40	5 1/4	133.35	2 11/16	68.26
	16.60	0.337	8.56	Z140	IEU	WMT46	6	152.40	3 1/2	88.90
	16.60	0.337	8.56	Z140	EU	WMT50	6 3/8	161.93	3 3/4	95.25
	16.60	0.337	8.56	Z140	IEU	WMDS46	6 1/4	158.75	3 1/4	82.55
4 1/2	16.60	0.337	8.56	V150/U165	IEU	WMHT46	6 1/4	158.75	3 1/4	82.55
	16.60	0.337	8.56	V150/U165	EU	WMHT50	6 3/8	161.93	3 1/2	88.90
	16.60	0.337	8.56	V150/U165	IEU	WMT40	5 1/4	133.35	2 11/16	68.26



DRILL PIPE BASIC SPECIFICATION TABLE

Drill Pipe Body						Tool Joint				
Label 1	Label 2	Wall Thickness		Steel Grade	Upset Type	Thread Type	OD		ID	
		in	mm				in	mm	in	mm
4 1/2	16.60	0.337	8.56	V150/U165	IEU	WMT46	6 1/4	158.75	3 1/4	82.55
	16.60	0.337	8.56	V150/U165	EU	WMT50	6 3/8	161.93	3 1/2	88.90
	16.60	0.337	8.56	V150/U165	IEU	WMDS46	6 1/4	158.75	3 1/4	82.55
4 1/2	20.00	0.430	10.92	X95/SS95	IEU	NC46	6 1/4	158.75	3	76.20
	20.00	0.430	10.92	X95/SS95	EU	4-1/2 OH	6 1/4	158.75	3 1/4	82.55
	20.00	0.430	10.92	X95/SS95	IEU	4-1/2 H90	6	152.40	3 1/4	82.55
	20.00	0.430	10.92	X95/SS95	IEU	WMHT46	6 1/4	158.75	3 1/4	82.55
	20.00	0.430	10.92	X95/SS95	EU	NC50	6 5/8	168.28	3 1/2	88.90
	20.00	0.430	10.92	X95/SS95	EU	WMHT50	6 1/4	158.75	3 1/2	88.90
	20.00	0.430	10.92	X95/SS95	IEU	WMT46	6	152.40	3 1/2	88.90
	20.00	0.430	10.92	X95/SS95	EU	WMT50	6 3/8	161.93	3 1/2	88.90
4 1/2	20.00	0.430	10.92	G105/G105MS/105S/SS105	IEU	NC46	6 1/4	158.75	2 3/4	69.85
	20.00	0.430	10.92	G105/G105MS/105S/SS105	IEU	4-1/2 OH	6 1/4	158.75	3	76.20
	20.00	0.430	10.92	G105/G105MS/105S/SS105	IEU	4-1/2 H90	6 1/4	158.75	3	76.20
	20.00	0.430	10.92	G105/G105MS/105S/SS105	IEU	WMHT46	6 1/4	158.75	3 1/4	82.55
	20.00	0.430	10.92	G105/G105MS/105S/SS105	EU	NC50	6 5/8	168.28	3 1/2	88.90
	20.00	0.430	10.92	G105/G105MS/105S/SS105	EU	WMHT50	6 1/4	158.75	3 1/2	88.90
	20.00	0.430	10.92	G105/G105MS/105S/SS105	IEU	WMT46	6	152.40	3 1/2	88.90
	20.00	0.430	10.92	G105/G105MS/105S/SS105	EU	WMT50	6 3/8	161.93	3 1/2	88.90
4 1/2	20.00	0.430	10.92	SS120/SS125/S135/S135MS	IEU	NC46	6 1/4	158.75	2 3/4	69.85
	20.00	0.430	10.92	SS120/SS125/S135/S135MS	EU	4-1/2 OH	6 3/8	161.93	2 3/4	69.85
	20.00	0.430	10.92	SS120/SS125/S135/S135MS	IEU	4-1/2 H90	6 3/8	161.93	2 3/4	69.85
	20.00	0.430	10.92	SS120/SS125/S135/S135MS	IEU	WMHT46	6 1/4	158.75	3	76.20
	20.00	0.430	10.92	SS120/SS125/S135/S135MS	EU	NC50	6 5/8	168.28	3 1/4	82.55
	20.00	0.430	10.92	SS120/SS125/S135/S135MS	EU	WMHT50	6 3/8	161.93	3 1/2	88.90
	20.00	0.430	10.92	SS120/SS125/S135/S135MS	IEU	WMT46	6	152.40	3 1/4	82.55
	20.00	0.430	10.92	SS120/SS125/S135/S135MS	EU	WMT50	6 3/8	161.93	3 1/2	88.90
	20.00	0.430	10.92	SS120/SS125/S135/S135MS	IEU	WMDS46	6 1/4	158.75	3	76.20
4 1/2	20.00	0.430	10.92	Z140	IEU	WMHT46	6 1/4	158.75	3	76.20

DRILL PIPE BASIC SPECIFICATION TABLE

Drill Pipe Body						Tool Joint				
Label 1	Label 2	Wall Thickness		Steel Grade	Upset Type	Thread Type	OD		ID	
		in	mm				in	mm	in	mm
4 1/2	20.00	0.430	10.92	Z140	EU	WMHT50	6 3/8	161.93	3 1/2	88.90
	20.00	0.430	10.92	Z140	IEU	WMT46	6	152.40	3 1/4	82.55
	20.00	0.430	10.92	Z140	EU	WMT50	6 3/8	161.93	3 1/2	88.90
	20.00	0.430	10.92	Z140	IEU	WMDS46	6 1/4	158.75	3	76.20
4 1/2	20.00	0.430	10.92	V150/U165	IEU	WMHT46	6 1/4	158.75	3	76.20
	20.00	0.430	10.92	V150/U165	EU	WMHT50	6 3/8	161.93	3 1/2	88.90
	20.00	0.430	10.92	V150/U165	IEU	WMT46	6 1/4	158.75	3 1/8	79.38
	20.00	0.430	10.92	V150/U165	EU	WMT50	6 3/8	161.93	3 1/2	88.90
	20.00	0.430	10.92	V150/U165	IEU	WMDS46	6 1/4	158.75	3	76.20
5	19.50	0.362	9.19	X95/SS95	IEU	NC50	6 5/8	168.28	3 1/2	88.90
	19.50	0.362	9.19	X95/SS95	IEU	WMHT50	6 5/8	168.28	3 3/4	95.25
	19.50	0.362	9.19	X95/SS95	IEU	5-1/2 FH	7	177.80	3 3/4	95.25
	19.50	0.362	9.19	X95/SS95	IEU	WMT46	6	152.40	3 1/2	88.90
	19.50	0.362	9.19	X95/SS95	IEU	WMT50	6 1/2	165.10	4	101.60
5	19.50	0.362	9.19	G105/G105MS/105S/SS105	IEU	NC50	6 5/8	168.28	3 1/4	82.55
	19.50	0.362	9.19	G105/G105MS/105S/SS105	IEU	WMHT50	6 5/8	168.28	3 1/2	88.90
	19.50	0.362	9.19	G105/G105MS/105S/SS105	IEU	5-1/2 FH	7	177.80	3 3/4	95.25
	19.50	0.362	9.19	G105/G105MS/105S/SS105	IEU	WMT46	6	152.40	3 1/2	88.90
	19.50	0.362	9.19	G105/G105MS/105S/SS105	IEU	WMT50	6 1/2	165.10	4	101.60
	19.50	0.362	9.19	G105/G105MS/105S/SS105	IEU	WMDS50	6 5/8	168.28	3 1/2	88.90
5	19.50	0.362	9.19	SS120/SS125/S135/S135MS	IEU	NC50	6 5/8	168.28	2 3/4	69.85
	19.50	0.362	9.19	SS120/SS125/S135/S135MS	IEU	WMHT50	6 5/8	168.28	3 1/2	88.90
	19.50	0.362	9.19	SS120/SS125/S135/S135MS	IEU	5-1/2 FH	7 1/4	184.15	3 1/2	88.90
	19.50	0.362	9.19	SS120/SS125/S135/S135MS	IEU	WMT46	6	152.40	3	76.20
	19.50	0.362	9.19	SS120/SS125/S135/S135MS	IEU	WMT50	6 1/2	165.10	3 3/4	95.25
	19.50	0.362	9.19	SS120/SS125/S135/S135MS	IEU	WMDS50	6 5/8	168.28	3 1/2	88.90
5	19.50	0.362	9.19	Z140	IEU	WMHT50	6 5/8	168.28	3 1/2	88.90
	19.50	0.362	9.19	Z140	IEU	WMT46	6	152.40	3	76.20
	19.50	0.362	9.19	Z140	IEU	WMT50	6 1/2	165.10	3 3/4	95.25



DRILL PIPE BASIC SPECIFICATION TABLE

Drill Pipe Body						Tool Joint				
Label 1	Label 2	Wall Thickness		Steel Grade	Upset Type	Thread Type	OD		ID	
		in	mm				in	mm	in	mm
5	19.50	0.362	9.19	Z140	IEU	WMDS50	6 5/8	168.28	3 1/2	88.90
5	19.50	0.362	9.19	V150/U165	IEU	WMHT50	6 5/8	168.28	3 1/4	82.55
	19.50	0.362	9.19	V150/U165	IEU	WMT46	6 1/4	158.75	3	76.20
	19.50	0.362	9.19	V150/U165	IEU	WMT50	6 1/2	165.10	3 3/4	95.25
	19.50	0.362	9.19	V150/U165	IEU	WMDS50	6 5/8	168.28	3	76.20
5	TW0.38	0.380	9.65	G105/G105MS/105S/SS105	EU	NC52	6 3/4	171.45	3 1/2	88.90
	TW0.38	0.380	9.65	G105/G105MS/105S/SS105	EU	WMDS52	6 3/4	171.45	3 1/2	88.90
	TW0.38	0.380	9.65	SS120/SS125/S135/S135MS	EU	WMDS52	6 3/4	171.45	3 1/2	88.90
	TW0.38	0.380	9.65	SS120/SS125/S135/S135MS	EU	WMT54	6 3/4	171.45	4	101.60
	TW0.38	0.380	9.65	V150/U165	EU	WMDS52	6 3/4	171.45	3 1/2	88.90
	TW0.38	0.380	9.65	V150/U165	EU	WMT54	6 3/4	171.45	3 7/8	98.43
5	25.60	0.500	12.70	X95/SS95	IEU	NC50	6 5/8	168.28	3	76.20
	25.60	0.500	12.70	X95/SS95	IEU	WMHT50	6 5/8	168.28	3 1/2	88.90
	25.60	0.500	12.70	X95/SS95	IEU	5–1/2 FH	7	177.80	3 1/2	88.90
	25.60	0.500	12.70	X95/SS95	IEU	WMT50	6 5/8	168.28	3 3/4	95.25
5	25.60	0.500	12.70	G105/G105MS/105S/SS105	IEU	NC50	6 5/8	168.28	2 3/4	69.85
	25.60	0.500	12.70	G105/G105MS/105S/SS105	IEU	WMHT50	6 5/8	168.28	3 1/2	88.90
	25.60	0.500	12.70	G105/G105MS/105S/SS105	IEU	5–1/2 FH	7 1/4	184.15	3 1/2	88.90
	25.60	0.500	12.70	G105/G105MS/105S/SS105	IEU	WMT50	6 5/8	168.28	3 3/4	95.25
	25.60	0.500	12.70	G105/G105MS/105S/SS105	IEU	WMDS50	6 5/8	168.28	3 1/2	88.90
5	25.60	0.500	12.70	SS120/SS125/S135/S135MS	IEU	NC50	6 5/8	168.28	2 3/4	69.85
	25.60	0.500	12.70	SS120/SS125/S135/S135MS	IEU	WMHT50	6 5/8	168.28	3 1/4	82.55
	25.60	0.500	12.70	SS120/SS125/S135/S135MS	IEU	5–1/2 FH	7 1/4	184.15	3 1/4	82.55
	25.60	0.500	12.70	SS120/SS125/S135/S135MS	IEU	WMT50	6 5/8	168.28	3 1/2	88.90
	25.60	0.500	12.70	SS120/SS125/S135/S135MS	IEU	WMDS50	6 5/8	168.28	3 1/2	88.90
5	25.60	0.500	12.70	Z140	IEU	WMHT50	6 5/8	168.28	3 1/4	82.55
	25.60	0.500	12.70	Z140	IEU	WMT50	6 5/8	168.28	3 1/2	88.90
	25.60	0.500	12.70	Z140	IEU	WMDS50	6 5/8	168.28	3 1/4	82.55
5	25.60	0.500	12.70	V150/U165	IEU	WMHT50	6 5/8	168.28	3 1/4	82.55

DRILL PIPE BASIC SPECIFICATION TABLE

Drill Pipe Body						Tool Joint				
Label 1	Label 2	Wall Thickness		Steel Grade	Upset Type	Thread Type	OD		ID	
		in	mm				in	mm	in	mm
5	25.60	0.500	12.70	V150/U165	IEU	WMT50	6 5/8	168.28	3 3/8	85.73
	25.60	0.500	12.70	V150/U165	IEU	WMDS50	6 5/8	168.28	3	76.20
5	TW0.75	0.750	19.05	S135/V150/U165	IEU	5–1/2 FH	7 1/4	184.15	3 1/4	82.55
5 1/2	21.90	0.361	9.17	X95/SS95	IEU	5–1/2 FH	7	177.80	3 3/4	95.25
	21.90	0.361	9.17	X95/SS95	IEU	WMHT55	7	177.80	4	101.60
	21.90	0.361	9.17	X95/SS95	IEU	WMT54	6 3/4	171.45	4 1/4	107.95
	21.90	0.361	9.17	X95/SS95	IEU	WMT57	7	177.80	4 1/4	107.95
5 1/2	21.90	0.361	9.17	G105/G105MS/105S/SS105	IEU	5–1/2 FH	7 1/4	184.15	3 1/2	88.90
	21.90	0.361	9.17	G105/G105MS/105S/SS105	IEU	WMHT55	7	177.80	4	101.60
	21.90	0.361	9.17	G105/G105MS/105S/SS105	IEU	WMT54	6 3/4	171.45	4 1/4	107.95
	21.90	0.361	9.17	G105/G105MS/105S/SS105	IEU	WMT57	7	177.80	4 1/4	107.95
	21.90	0.361	9.17	G105/G105MS/105S/SS105	IEU	WMDS55	7	177.80	4	101.60
5 1/2	21.90	0.361	9.17	SS120/SS125/S135/S135MS	IEU	5–1/2 FH	7 1/2	190.50	3	76.20
	21.90	0.361	9.17	SS120/SS125/S135/S135MS	IEU	WMHT55	7	177.80	4	101.60
	21.90	0.361	9.17	SS120/SS125/S135/S135MS	IEU	WMT54	6 3/4	171.45	4 1/4	107.95
	21.90	0.361	9.17	SS120/SS125/S135/S135MS	IEU	WMT57	7	177.80	4 1/4	107.95
	21.90	0.361	9.17	SS120/SS125/S135/S135MS	IEU	WMDS55	7	177.80	4	101.60
5 1/2	21.90	0.361	9.17	Z140	IEU	5–1/2 FH	7 1/2	190.50	3	76.20
	21.90	0.361	9.17	Z140	IEU	WMHT55	7	177.80	4	101.60
	21.90	0.361	9.17	Z140	IEU	WMT54	6 3/4	171.45	4 1/4	107.95
	21.90	0.361	9.17	Z140	IEU	WMT57	7	177.80	4 1/4	107.95
	21.90	0.361	9.17	Z140	IEU	WMDS55	7	177.80	4	101.60
5 1/2	21.90	0.361	9.17	V150/U165	IEU	5–1/2 FH	7 1/2	190.50	3	76.20
	21.90	0.361	9.17	V150/U165	IEU	WMHT55	7 1/8	180.98	3 7/8	98.43
	21.90	0.361	9.17	V150/U165	IEU	WMT54	6 3/4	171.45	4	101.60
	21.90	0.361	9.17	V150/U165	IEU	WMT57	7	177.80	4 1/4	107.95
	21.90	0.361	9.17	V150/U165	IEU	WMDS55	7 1/8	180.98	3 3/4	95.25
5 1/2	24.70	0.415	10.54	X95/SS95	IEU	5–1/2 FH	7 1/4	184.15	3 1/2	88.90
	24.70	0.415	10.54	X95/SS95	IEU	WMHT55	7	177.80	4	101.60



DRILL PIPE BASIC SPECIFICATION TABLE

Drill Pipe Body					Tool Joint					
Label 1	Label 2	Wall Thickness		Steel Grade	Upset Type	Thread Type	OD		ID	
		in	mm				in	mm	in	mm
5 1/2	24.70	0.415	10.54	X95/SS95	IEU	WMT54	6 3/4	171.45	4 1/4	107.95
	24.70	0.415	10.54	X95/SS95	IEU	WMT57	7	177.80	4 1/4	107.95
5 1/2	24.70	0.415	10.54	G105/G105MS/105S/SS105	IEU	5-1/2 FH	7 1/4	184.15	3 1/2	88.90
	24.70	0.415	10.54	G105/G105MS/105S/SS105	IEU	WMHT55	7	177.80	4	101.60
	24.70	0.415	10.54	G105/G105MS/105S/SS105	IEU	WMT54	6 3/4	171.45	4 1/4	107.95
	24.70	0.415	10.54	G105/G105MS/105S/SS105	IEU	WMT57	7	177.80	4 1/4	107.95
	24.70	0.415	10.54	G105/G105MS/105S/SS105	IEU	WMDS55	7	177.80	4	101.60
5 1/2	24.70	0.415	10.54	SS120/SS125/S135/S135MS	IEU	5-1/2 FH	7 1/2	190.50	3	76.20
	24.70	0.415	10.54	SS120/SS125/S135/S135MS	IEU	WMHT55	7 1/8	180.98	3 7/8	98.43
	24.70	0.415	10.54	SS120/SS125/S135/S135MS	IEU	WMT54	6 3/4	171.45	4	101.60
	24.70	0.415	10.54	SS120/SS125/S135/S135MS	IEU	WMT55	7	177.80	4	101.60
	24.70	0.415	10.54	SS120/SS125/S135/S135MS	IEU	WMT57	7	177.80	4 1/4	107.95
	24.70	0.415	10.54	SS120/SS125/S135/S135MS	IEU	WMDS55	7 1/8	180.98	3 3/4	95.25
5 1/2	24.70	0.415	10.54	Z-140	IEU	5-1/2 FH	7 1/2	190.50	3	76.20
	24.70	0.415	10.54	Z-140	IEU	WMHT55	7	177.80	3 3/4	95.25
	24.70	0.415	10.54	Z-140	IEU	WMT54	6 3/4	171.45	4	101.60
	24.70	0.415	10.54	Z-140	IEU	WMT55	7	177.80	4	101.60
	24.70	0.415	10.54	Z-140	IEU	WMT57	7	177.80	4 1/4	107.95
	24.70	0.415	10.54	Z-140	IEU	WMDS55	7 1/8	180.98	3 3/4	95.25
5 1/2	24.70	0.415	10.54	V150/U165	IEU	5-1/2 FH	7 1/2	190.50	3	76.20
	24.70	0.415	10.54	V150/U165	IEU	WMHT55	7	177.80	3 3/4	95.25
	24.70	0.415	10.54	V150/U165	IEU	WMT54	6 3/4	171.45	4	98.43
	24.70	0.415	10.54	V150/U165	IEU	WMT55	7	177.80	4	101.60
	24.70	0.415	10.54	V150/U165	IEU	WMT57	7	177.80	4	101.60
	24.70	0.415	10.54	V150/U165	IEU	WMDS55	7 1/4	184.15	3 3/4	95.25
5 1/2	TW0.5	0.500	12.70	S135/V150/U165	IEU	5-1/2FH	7 1/4	184.15	3 1/2	88.90
	TW0.625	0.625	15.88	S135/V150/U165	IEU	5-1/2FH	7 1/4	184.15	3 1/8	79.38
	TW0.75	0.750	19.05	S135/V150/U165	IEU	5-1/2FH	7 1/2	190.50	3	76.20
5 7/8	23.40	0.361	9.17	G105/G105MS/105S/SS105	IEU	WMT57	7	177.80	4 1/4	107.95

DRILL PIPE BASIC SPECIFICATION TABLE

Drill Pipe Body					Tool Joint					
Label 1	Label 2	Wall Thickness		Steel Grade	Upset Type	Thread Type	OD		ID	
		in	mm				in	mm	in	mm
5	25.60	0.500	12.70	V150/U165	IEU	WMT50	6 5/8	168.28	3 3/8	85.73
	25.60	0.500	12.70	V150/U165	IEU	WMDS50	6 5/8	168.28	3	76.20
5	TW0.75	0.750	19.05	S135/V150/U165	IEU	5-1/2 FH	7 1/4	184.15	3 1/4	82.55
5 1/2	21.90	0.361	9.17	X95/SS95	IEU	5-1/2 FH	7	177.80	3 3/4	95.25
	21.90	0.361	9.17	X95/SS95	IEU	WMHT55	7	177.80	4	101.60
	21.90	0.361	9.17	X95/SS95	IEU	WMT54	6 3/4	171.45	4 1/4	107.95
	21.90	0.361	9.17	X95/SS95	IEU	WMT57	7	177.80	4 1/4	107.95
5 1/2	21.90	0.361	9.17	G105/G105MS/105S/SS105	IEU	5-1/2 FH	7 1/4	184.15	3 1/2	88.90
	21.90	0.361	9.17	G105/G105MS/105S/SS105	IEU	WMHT55	7	177.80	4	101.60
	21.90	0.361	9.17	G105/G105MS/105S/SS105	IEU	WMT54	6 3/4	171.45	4 1/4	107.95
	21.90	0.361	9.17	G105/G105MS/105S/SS105	IEU	WMT57	7	177.80	4 1/4	107.95
	21.90	0.361	9.17	G105/G105MS/105S/SS105	IEU	WMDS55	7	177.80	4	101.60
5 1/2	21.90	0.361	9.17	SS120/SS125/S135/S135MS	IEU	5-1/2 FH	7 1/2	190.50	3	76.20
	21.90	0.361	9.17	SS120/SS125/S135/S135MS	IEU	WMHT55	7	177.80	4	101.60
	21.90	0.361	9.17	SS120/SS125/S135/S135MS	IEU	WMT54	6 3/4	171.45	4 1/4	107.95
	21.90	0.361	9.17	SS120/SS125/S135/S135MS	IEU	WMT57	7	177.80	4 1/4	107.95
	21.90	0.361	9.17	SS120/SS125/S135/S135MS	IEU	WMDS55	7	177.80	4	101.60
5 1/2	21.90	0.361	9.17	Z140	IEU	5-1/2 FH	7 1/2	190.50	3	76.20
	21.90	0.361	9.17	Z140	IEU	WMHT55	7	177.80	4	101.60
	21.90	0.361	9.17	Z140	IEU	WMT54	6 3/4	171.45	4 1/4	107.95
	21.90	0.361	9.17	Z140	IEU	WMT57	7	177.80	4 1/4	107.95
	21.90	0.361	9.17	Z140	IEU	WMDS55	7	177.80	4	101.60
5 1/2	21.90	0.361	9.17	V150/U165	IEU	5-1/2 FH	7 1/2	190.50	3	76.20
	21.90	0.361	9.17	V150/U165	IEU	WMHT55	7 1/8	180.98	3 7/8	98.43
	21.90	0.361	9.17	V150/U165	IEU	WMT54	6 3/4	171.45	4	101.60
	21.90	0.361	9.17	V150/U165	IEU	WMT57	7	177.80	4 1/4	107.95
	21.90	0.361	9.17	V150/U165	IEU	WMDS55	7 1/8	180.98	3 3/4	95.25
5 1/2	24.70	0.415	10.54	X95/SS95	IEU	5-1/2 FH	7 1/4	184.15	3 1/2	88.90
	24.70	0.415	10.54	X95/SS95	IEU	WMHT55	7	177.80	4	101.60



DRILL PIPE BASIC SPECIFICATION TABLE

Drill Pipe Body					Tool Joint					
Label 1	Label 2	Wall Thickness		Steel Grade	Upset Type	Thread Type	OD		ID	
		in	mm				in	mm	in	mm
5 7/8	23.40	0.361	9.17	SS120/SS125/S135/S135MS	IEU	WMT57	7	177.80	4 1/4	107.95
	23.40	0.361	9.17	Z-140	IEU	WMT57	7	177.80	4 1/4	107.95
	23.40	0.361	9.17	V150/U165	IEU	WMT57	7	177.80	4 1/4	107.95
5 7/8	26.30	0.415	10.54	G105/G105MS/105S/SS105	IEU	WMT57	7	177.80	4 1/4	107.95
	26.30	0.415	10.54	SS120/SS125/S135/S135MS	IEU	WMT57	7	177.80	4 1/4	107.95
	26.30	0.415	10.54	Z-140	IEU	WMT57	7 1/4	184.15	4	101.60
	26.30	0.415	10.54	V150/U165	IEU	WMT57	7 1/4	184.15	4	101.60
5 7/8	TW0.625	0.625	15.88	S135/V150/U165	IEU	5-1/2 FH	7 1/2	190.50	3	76.20
	TW0.75	0.750	19.05	S135/V150/U165	IEU	5-1/2 FH	7 1/2	190.50	3	76.20
	TW0.813	0.813	20.65	S135/V150/U165	IEU	5-1/2 FH	7 1/2	190.50	3	76.20
6	TW0.38	0.380	9.65	G105/G105MS/105S/SS105	IEU	WMT57	7	177.80	4 1/4	107.95
	TW0.415	0.415	10.54	G105/G105MS/105S/SS105	IEU	WMT57	7	177.80	4 1/4	107.95
	TW0.38	0.380	9.65	SS120/SS125/S135/S135MS	IEU	WMT57	7	177.80	4 1/4	107.95
	TW0.415	0.415	10.54	SS120/SS125/S135/S135MS	IEU	WMT57	7	177.80	4 1/4	107.95
	TW0.415	0.415	10.54	V150/U165	IEU	WMT57	7 1/4	184.15	4	101.60
	TW0.415	0.415	10.54	V150/U165	IEU	WMT59	7 2/5	187.96	4	101.60
6 5/8	25.20	0.330	8.38	G105/G105MS/105S/SS105	IEU	6-5/8 FH	8 1/4	209.55	4 3/4	120.65
	25.20	0.330	8.38	G105/G105MS/105S/SS105	IEU	WMHT65	8	203.20	5	127.00
	25.20	0.330	8.38	G105/G105MS/105S/SS105	IEU	WMT65	8	203.20	5	127.00
6 5/8	25.20	0.330	8.38	SS120/SS125/S135/S135MS	IEU	6-5/8 FH	8 1/2	215.90	4 1/4	107.95
	25.20	0.330	8.38	SS120/SS125/S135/S135MS	IEU	WMHT65	8	203.20	5	127.00
	25.20	0.330	8.38	SS120/SS125/S135/S135MS	IEU	WMT65	8	203.20	5	127.00
	25.20	0.330	8.38	SS120/SS125/S135/S135MS	IEU	WMDS65	8	203.20	4 7/8	123.83
6 5/8	25.20	0.330	8.38	Z-140	IEU	6-5/8 FH	8 1/2	215.90	4 1/4	107.95
	25.20	0.330	8.38	Z-140	IEU	WMHT65	8	203.20	5	127.00
	25.20	0.330	8.38	Z-140	IEU	WMT65	8	203.20	5	127.00
	25.20	0.330	8.38	Z-140	IEU	WMDS65	8 1/4	209.55	4 7/8	123.83
6 5/8	25.20	0.330	8.38	V150/U165	IEU	6-5/8 FH	8 1/2	215.90	4 1/4	107.95
	25.20	0.330	8.38	V150/U165	IEU	WMHT65	8	203.20	5	127.00

DRILL PIPE BASIC SPECIFICATION TABLE

Drill Pipe Body					Tool Joint					
Label 1	Label 2	Wall Thickness		Steel Grade	Upset Type	Thread Type	OD		ID	
		in	mm				in	mm	in	mm
6 5/8	25.20	0.330	8.38	V150/U165	IEU	WMT65	8	203.20	5	127.00
	25.20	0.330	8.38	V150/U165	IEU	WMDS65	8 1/4	209.55	4 3/4	120.65
6 5/8	27.70	0.362	9.19	X-95	IEU	6-5/8 FH	8 1/4	209.55	4 3/4	120.65
	27.70	0.362	9.19	X-95	IEU	WMHT65	8	203.20	5	127.00
	27.70	0.362	9.19	X-95	IEU	WMT65	8	203.20	5	127.00
6 5/8	27.70	0.362	9.19	G105/G105MS/105S/SS105	IEU	6-5/8 FH	8 1/4	209.55	4 3/4	120.65
	27.70	0.362	9.19	G105/G105MS/105S/SS105	IEU	WMHT65	8	203.20	5	127.00
	27.70	0.362	9.19	G105/G105MS/105S/SS105	IEU	WMT65	8	203.20	5	127.00
6 5/8	27.70	0.362	9.19	SS120/SS125/S135/S135MS	IEU	6-5/8 FH	8 1/2	215.90	4 1/4	107.95
	27.70	0.362	9.19	SS120/SS125/S135/S135MS	IEU	WMHT65	8	203.20	4 7/8	123.83
	27.70	0.362	9.19	SS120/SS125/S135/S135MS	IEU	WMT65	8	203.20	5	127.00
	27.70	0.362	9.19	SS120/SS125/S135/S135MS	IEU	WMDS65	8	203.20	4 3/4	120.65
6 5/8	27.70	0.362	9.19	Z-140	IEU	6-5/8 FH	8 1/2	215.90	4 1/4	107.95
	27.70	0.362	9.19	Z-140	IEU	WMHT65	8	203.20	4 3/4	120.65
	27.70	0.362	9.19	Z-140	IEU	WMT65	8	203.20	5	127.00
	27.70	0.362	9.19	Z-140	IEU	WMDS65	8 1/4	209.55	4 3/4	120.65
6 5/8	27.70	0.362	9.19	V150/U165	IEU	6-5/8 FH	8 1/2	215.90	4 1/4	107.95
	27.70	0.362	9.19	V150/U165	IEU	WMHT65	8	203.20	4 3/4	120.65
	27.70	0.362	9.19	V150/U165	IEU	WMT65	8	203.20	5	127.00
	27.70	0.362	9.19	V150/U165	IEU	WMDS65	8 1/4	209.55	4 3/4	120.65
6 5/8	TW0.522	0.522	13.26	S135/V150/U165	IEU	6-5/8 FH	8 1/2	215.90	4 1/4	107.95
	TW0.625	0.625	15.88	S135/V150/U165	IEU	6-5/8 FH	8 1/2	215.90	4 1/4	107.95
	TW0.75	0.750	19.05	S135/V150/U165	IEU	6-5/8 FH	8 1/2	215.90	4 1/4	107.95
	TW0.813	0.813	20.65	S135/V150/U165	IEU	6-5/8 FH	8 1/2	215.90	4 1/4	107.95

This table is for reference only. Please contact our sales representative for inquiries regarding other thread types, diameters, or special operating conditions.



TRENCHLESS DRILL PIPE BASIC SPECIFICATION TABLE

Specification					DP Body OD	DP Body Wall Thickness	DP Weld Neck	Tool Joint			
Label 1	Label 2	Steel Grade	Upset Type	Connection Type				OD	ID of Pin	Length of Pin OD	Length of Box OD
								Ddp mm	t mm	Dte mm	D mm
					Ref size	-12.5 %	Max	± 0.79	+0.41 -0.79	± 6.35	± 6.35
5	19.50	S135, V150	IEU	WMDS50	127.00	9.19	130.2	168.28	69.85	228.60	304.80
5	19.50	S135, V150	IEU	WMDS55	127.00	9.19	130.2	184.15	88.90	254.00	304.80
5	25.60	S135, V150	IEU	WMDS50	127.00	12.70	130.2	168.28	69.85	254.00	304.80
5	25.60	S135, V150	IEU	WMDS55	127.00	12.70	130.2	184.15	82.55	254.00	304.80
5 1/2	21.90	S135, V150	IEU	WMDS55	139.70	9.17	144.48	190.50	76.20	254.00	304.80
5 1/2	24.70	S135, V150	IEU	WMDS55	139.70	10.54	144.48	190.50	76.20	254.00	304.80
5 1/2	TW 0.500	S135, V150	IEU	WMDS55	139.70	12.70	144.48	184.15	88.90	254.00	304.80
5 7/8	23.40	S135, V150	IEU	WMDS55	149.23	9.17	152.40	184.15	76.20	254.00	304.80
5 7/8	26.30	S135, V150	IEU	WMDS55	149.23	10.54	152.40	190.50	82.55	254.00	304.80
5 7/8	TW 0.625	S135, V150	IEU	WMDS55	149.23	15.88	152.40	190.50	76.20	254.00	304.80
6 5/8	27.70	S135, V150	IEU	WMDS65	168.28	9.19	176.23	215.90	107.95	254.00	330.20
6 5/8	TW 0.500	S135, V150	IEU	WMDS65	168.28	12.70	176.23	215.90	107.95	254.00	330.20
6 5/8	TW 0.522	S135, V150	IEU	WMDS65	168.28	13.26	176.23	215.90	107.95	254.00	330.20
6 5/8	TW 0.625	S135, V150	IEU	WMDS65	168.28	15.88	176.23	215.90	107.95	254.00	330.20
7 5/8	TW 0.500	S135, V150	IEU	WMDS70	193.68	12.70	203.20	230.00	101.60	Customized	Customized
7 5/8	TW 0.625	S135, V150	IEU	WMDS70	193.68	15.88	203.20	230.00	101.60	Customized	Customized
8 5/8	TW 0.500	S135, V150	IEU	WMDS70	219.08	12.70	223.88	230.00	101.60	Customized	Customized
8 5/8	TW 0.625	S135, V150	IEU	WMDS70	219.08	15.88	223.88	230.00	101.60	Customized	Customized

This table is for reference only. Please contact our sales representative for inquiries regarding other thread types, diameters, or special operating conditions.

INTEGRAL HWDP BASIC SPECIFICATION TABLE

Spec	Connection Type	DP Body OD +1.59/-0.79	TJ OD + 1.59/-0.79	Max. Elevator Diameter Deu	Central Upset Diameter DCU +1.59/-0.79	DP Body ID	TJ ID +3.18/-0	Min. Drift Diameter
3 1/2	NC38/WMDS38/WMHT38	3 1/2	4.75 (4 7/8, 5)	3 7/8	4	2 1/16	2 1/16	1 13/16
						2 1/4	2 1/4	2
4	WMT38	4	4 3/4	4 1/5	4 1/2	2-7/16	2 7/16	2 1/5
4	NC40/WMDS40/WMHT40/WMT40	4	5 1/4	4 3/16	4 1/2	2 1/2	2 1/2	2 1/4
						2 9/16	2 9/16	2 5/16
4 1/2	NC46/WMDS46/WMHT46/WMT46	4 1/2	6 1/4	4 11/16	5	2 11/16	2 11/16	2 4/9
						2 3/4	2 3/4	2 1/2
						2 13/16	2 13/16	2 9/16
5	NC50/WMDS50/WMHT50/WMT50	5	6 5/8	5 1/8	5 1/2	3	3	2 3/4
5 1/2	5 1/2FH/WMDS55/WMHT55/WMT55	5 1/2	7 (7 1/4, 7 1/2)	5 11/16	6	3 1/4	3 1/4	3
						3 3/8	3 3/8	3 1/8
						3 7/8	3 7/8	3 5/8
						4	4	3 3/4
5 7/8	5 1/2FH/WMT57	5 7/8	7	6	6 3/8	4	4	3 3/4
6 5/8	6 5/8FHWMD65	6 5/8	8 (8 1/4, 8 1/2)	6 15/16	7 1/8	4	4	3 3/4
						4 1/2	4 1/2	4 1/4
						5	5	4 3/4

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WELDED & SOUR SERVICE HWDP BASIC SPECIFICATION TABLE

Spec.	Thread Type	Bevel Diameter ± 0.4	Pipe Body OD +1.59/−0.79	TJ OD +1.59/−0.79	Elevator Upset Diameter Deu	Center Upset Diameter Dcu +1.59/−0.79	DP Body ID	TJ ID +3.18/−0	Min. Drift Diameter
88.9	NC38/WMDS38/ WMHT38	88.9	120.65 123.83,127	98.43	101.60	52.39	52.39	46.04	
						52.39	55.56	46.04	
						57.15	57.15	50.80	
						57.15	60.33	50.80	
101.6	WMT38	101.6	120.65 123.83,127	106.36	114.30	61.91	61.91	55.56	
101.6	NC40/WMDS40/ WMHT40/WMT40	101.6	133.35	106.36	114.30	63.50	63.50	57.15	
						65.09	65.09	58.74	
						65.09	68.20	58.74	
114.3	NC46/WMDS46/ WMHT46/WMT46	114.3	158.75	119.06	127.00	68.26	68.26	61.91	
						69.85	69.85	63.50	
						69.85	73.03	63.50	
						71.44	71.44	65.09	
127.0	NC50/WMDS50/ WMHT50/WMT50	127.0	168.28	130.18	139.70	76.20	76.20	69.85	
						76.20	77.79	69.85	
139.7	5 1/2FH/ WMDS55/ WMHT55/WMT55	139.7	177.8 184.15,190.5	144.46	152.40	82.55	82.55	76.20	
						85.73	85.73	79.38	
						85.73	88.90	79.38	
						98.43	98.43	92.08	
						101.60	101.60	95.25	
149.23	5 1/2FH/WMT57	149.23	177.8	152.40	161.93	101.60	101.60	95.25	
168.28	6 5/8FH/WMDS65	168.28	203.2 209.55,215.9	176.21	180.98	101.60	101.60	95.25	
						114.30	114.30	107.95	
						114.30	117.48	107.95	
						127.00	127.00	120.65	

This table is for reference only. Please contact our sales representative for inquiries regarding other thread types, diameters, or special operating conditions.

WELDED & SOUR SERVICE HWDP BASIC SPECIFICATION TABLE

Spec.	Connection Type	Pipe Body OD +1.59/-0.79	TJ OD +1.59/-0.79	Pipe Body Elevator Diameter Deu	Central Upset Diameter Dcu +1.59/-0.79	DP Body ID	TJ ID +3.18/-0	Min. Drift Diameter
3 1/2	NC38/WMDS38/WMHT38	3 1/2	4.75 (4 7/8, 5)	3 7/8	4	2 1/16	2 1/16	1 13/16
						2 1/4	2 1/4	2
4	WMT38	4	4 3/4	4 1/5	4 1/2	2 7/16	2 7/16	2 3/16
4	NC40/WMDS40/WMHT40/WMT40	4	5 1/4	4 3/16	4 1/2	2 1/2	2 1/2	2 1/4
						2 9/16	2 9/16	2 5/16
4 1/2	NC46/WMDS46/WMHT46/WMT46	4 1/2	6 1/4	4 11/16	5	2 11/16	2 11/16	2 4/9
						2 3/4	2 3/4	2 1/2
						2 13/16	2 13/16	2 9/16
5	NC50/WMDS50/WMHT50/WMT50	5	6 5/8	5 1/8	5 1/2	3	3	2 3/4
5 1/2	5 1/2FH/WMDS55/ WMHT55/WMT55	5 1/2	7 (7 1/4, 7 1/2)	5 11/16	6	3 1/4	3 1/4	3
						3 3/8	3 3/8	3 1/8
						3 7/8	3 7/8	3 5/8
						4	4	3 3/4
5 7/8	5 1/2FH/WMT57	5 7/8	7	6	6 3/8	4	4	3 3/4
6 5/8	6 5/8FH/WMDS65	6 5/8	8 (8 1/4, 8 1/2)	6 15/16	7 1/8	4	4	3 3/4
						4 1/2	4 1/2	4 1/4
						5	5	4 3/4

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DRILL COLLAR BASIC SPECIFICATION TABLE

Drill Collar No. & Connection Code	OD mm	ID mm +1.59/0 mm	Length L m ± 152.4 mm	Bevel Diameter DF mm ± 0.4 mm	Ref. Bending Strength Ratio (BSR)
NC23-31	79.4	31.8	9.14	76.2	2.57:1
NC26-35	88.9	38.1	9.14	84.5	2.42:1
NC31-41	104.8	50.8	9.14 or 9.45	101.6	2.43:1
NC35-47	120.6	50.8	9.14 or 9.45	114.7	2.58:1
NC38-50	127.0	57.2	9.14 or 9.45	121.0	2.38:1
NC44-60	152.4	57.2	9.14 or 9.45	144.5	2.49:1
NC44-60	152.4	71.4	9.14 or 9.45	144.5	2.84:1
NC44-62	158.8	57.2	9.14 or 9.45	149.2	2.91:1
NC46-62	158.8	71.4	9.14 or 9.45	150.0	2.63:1
NC46-65	165.1	57.2	9.14 or 9.45	154.8	2.76:1
NC46-65	165.1	71.4	9.14 or 9.45	154.8	3.05:1
NC46-67	171.4	57.2	9.14 or 9.45	159.5	3.18:1
NC50-70	177.8	57.2	9.14 or 9.45	164.7	2.54:1
NC50-70	177.8	71.4	9.14 or 9.45	164.7	2.73:1
NC50-72	184.2	71.4	9.14 or 9.45	169.5	3.12:1
NC56-77	196.8	71.4	9.14 or 9.45	185.3	2.70:1
NC56-80	203.2	71.4	9.14 or 9.45	190.1	3.02:1
6 5/8REG	209.6	71.4	9.14 or 9.45	195.6	2.93:1
NC61-90	228.6	71.4	9.14 or 9.45	212.7	3.17:1
7 5/8REG	241.3	76.2	9.14 or 9.45	223.8	2.81:1
NC70-97	247.6	76.2	9.14 or 9.45	232.6	2.57:1
NC70-100	254.0	76.2	9.14 or 9.45	237.3	2.81:1
8 5/8 REG	279.4	76.2	9.14 or 9.45	266.7	2.84:1

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