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ZHENCHENG STEEL

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COMPANY PROFILE

ZENCHENG STEEL is committed to the R&D ,manufacturing and sales of seamless steel pipe and welded steel pipe. Seamless steel pipe includes OCTG(Oil Country Tubular Goods), line pipe, pipes for machinery, boilers, vessels, and nuclear electricity, as well as precision seamless steel tubes(cold-drawn). Welded steel pipe includes ERW(Electric Resistance Weld), LSAW(Longitudinally Submerged Arc Welding) and SSAW(Spiral Submerged Arc Welding). ZENCHEN STEEL commits to product innovation and new technology, owning multiple patents with independent property right of premium connection, special steel grades OCTG and other seamless steel pipe of special material. Meanwhile, ZENCHEN is experienced in designing and installing seamless steel pipe production equipments for factories overseas as well.

For further information please visit our website at www.gsteeltube.com



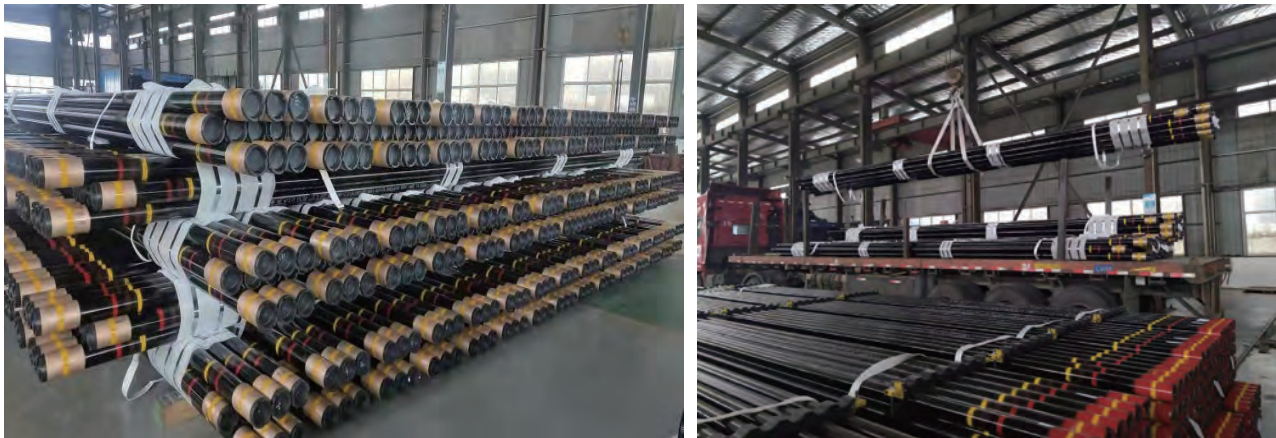
CASING AND TUBING

- ◆ **Steel Grade:** H40, K55, L80, N80, C90, R95, T95, P110, Q125, V150
- ◆ **Standard:** API SPEC 5CT PSL1, 2, 3
- ◆ **Application:** Extraction of petroleum and gas from wells
- ◆ **Sizes:** O.D.: 1.9"-20", W.T.: 3-15mm





PREMIUM OCTG

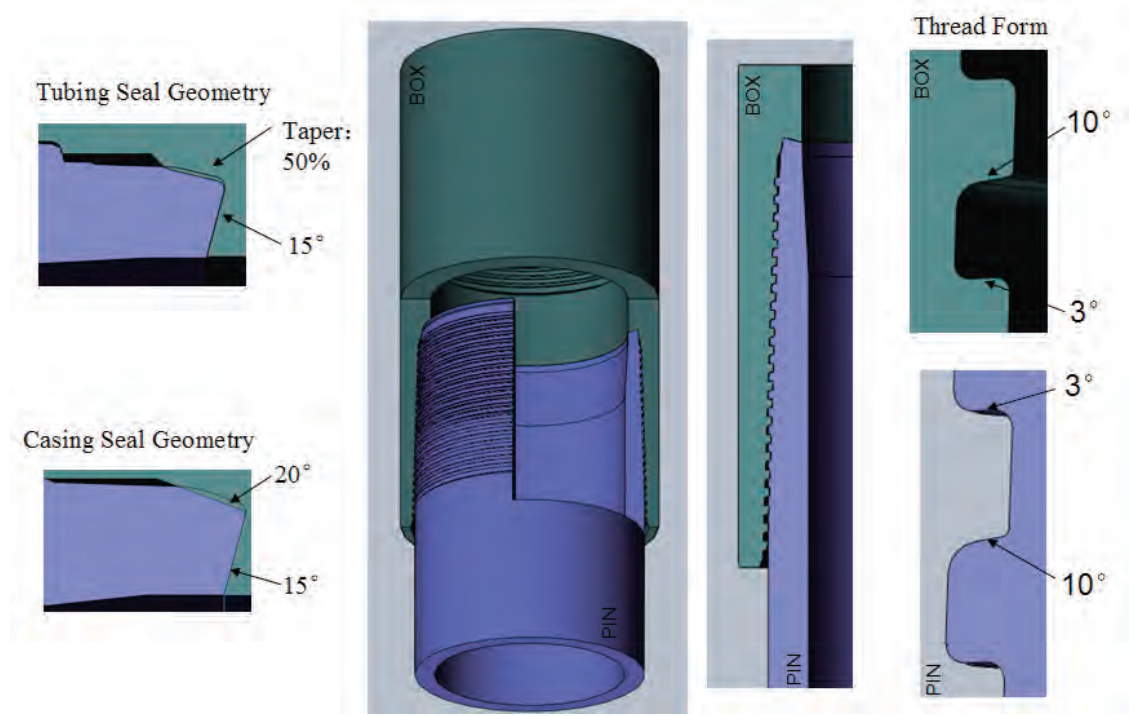


Type	Material	Yield Strength Range Psi	Hardness HRC
Sulfur Corrosion Resistant Casing &Tubing	80SS	80-95	22
	110SS	110-125	28
High Collapsing Strength Casing &Tubing	80HC	80-110	Collapsing Strength Value dependent on sizes and requirements
	10HC	110-140	
Anti-Co2 Corrosion Casing&Tubing	L80-13Cr	80-95	23
	P110-13Cr	110-115	32
	Super 110-13Cr	110-125	36
	L80-3Cr	80-95	23
	L80-9Cr	90-110	23



ZC PREMIUM CONNECTION

ZC-2



APPLICATIONS

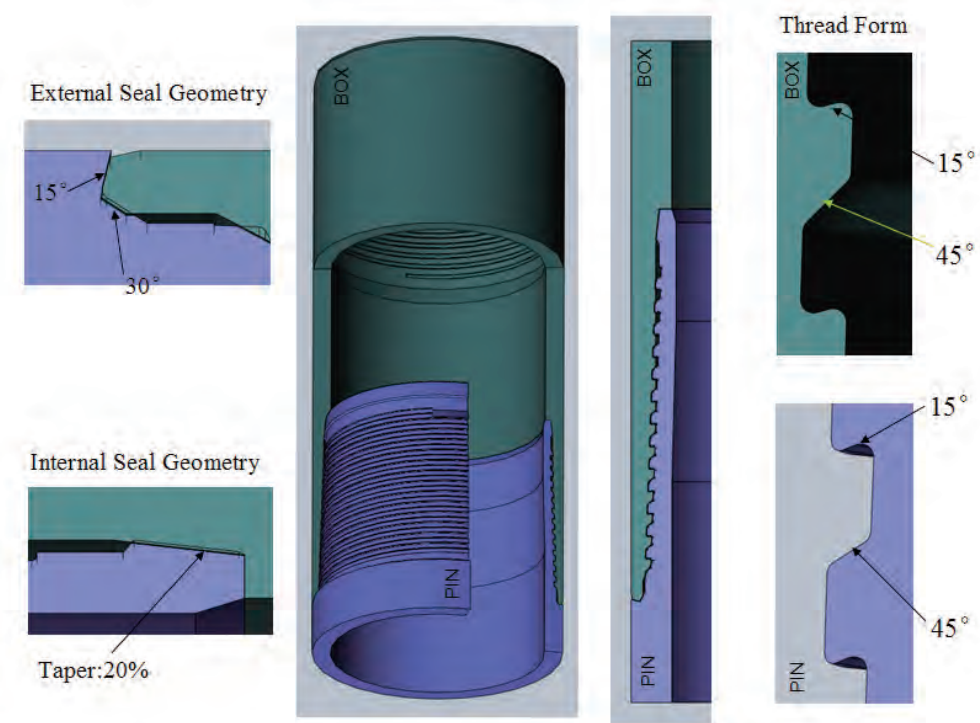
- ◆ High temperature and high pressure gas wells
- ◆ Deep well and super-deep well
- ◆ Horizontal wells and extended-reach wells

THREAD PARAMETERS

Thread Parameters	tubing		casing	
	2 3/8" to 2 7/8"	3 1/2" to 4 1/2"	5" to 7 5/8"	8 5/8" and above
Taper	1:16			
Thread Pitch	8 TPI	6 TPI	5 TPI	4 TPI

ZC PREMIUM CONNECTION

ZC-3



APPLICATIONS

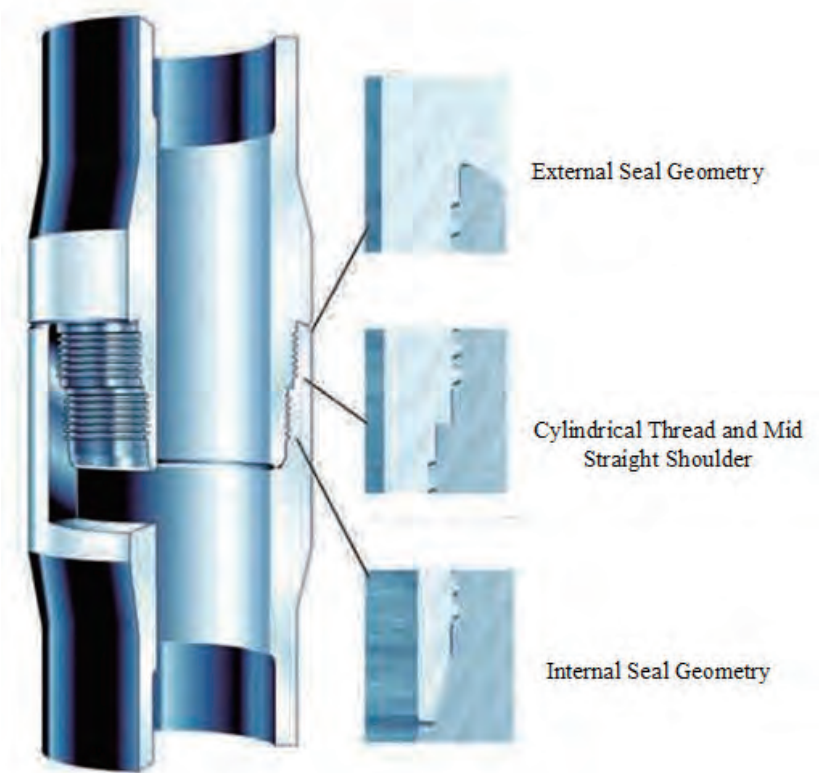
- ◆ The well under corrosion environment
- ◆ Well repairing
- ◆ Horizontal wells and deep wells

THREAD PARAMETERS

Thread Parameters	tubing	casing
	2 3/8" to 4 1/2"	5" and above
Taper	1:16	1:10
Thread Pitch	6TPI	

ZC PREMIUM CONNECTION

ZC-4



APPLICATIONS

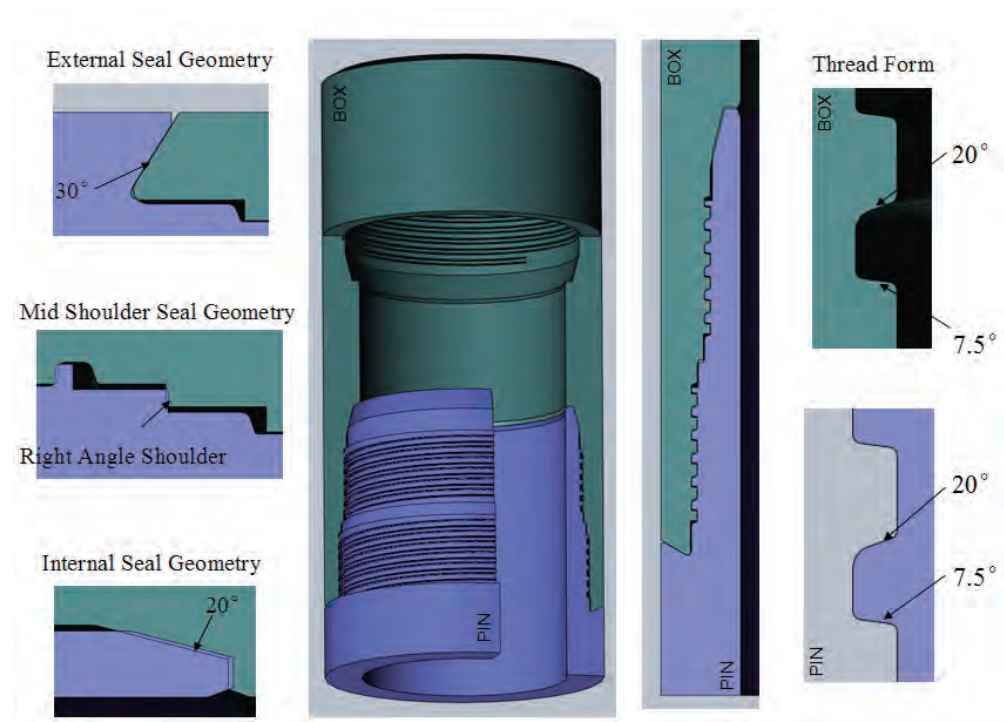
- ◆ The well under corrosion environment
- ◆ Well repairing
- ◆ Horizontal wells, Deep wells

THREAD PARAMETERS

Thread Parameters	specification
	2 3/8" to 4 1/2"
thread from	cylindrical thread form
Thread Pitch	6 TPI

ZC PREMIUM CONNECTION

ZC-5



APPLICATIONS

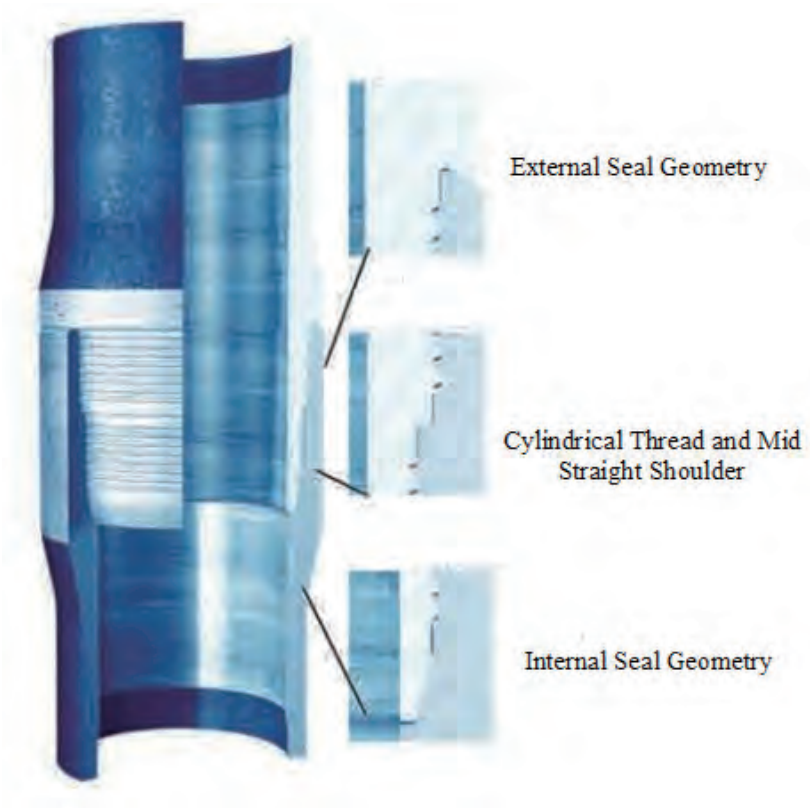
- ◆ The well under corrosion environment
- ◆ Well repairing
- ◆ Horizontal wells and deep wells

THREAD PARAMETERS

Thread Parameters	specification	
	2 3/8" to 5"	5 1/2" to 7"
Taper	cylindrical thread form	
Thread Pitch	8TPI	4TPI

ZC PREMIUM CONNECTION

ZC-6



APPLICATIONS

- ◆ The well under corrosion environment
- ◆ Well repairing
- ◆ Horizontal wells, Deep wells

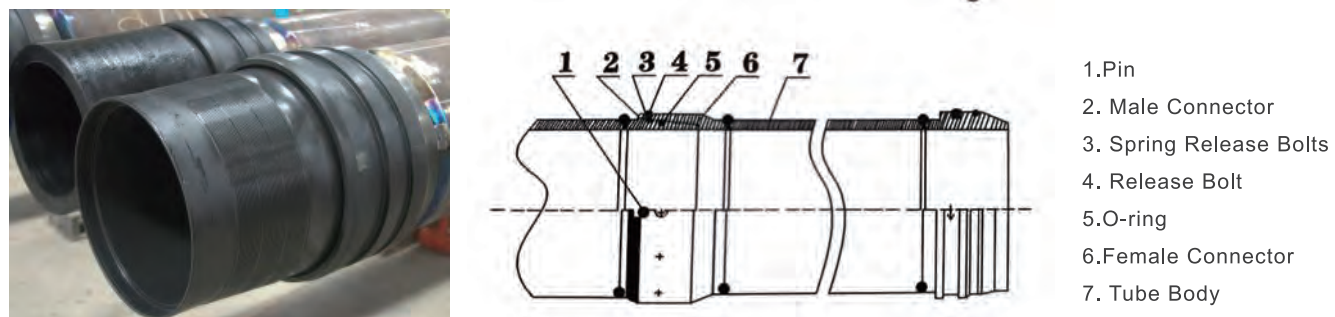
THREAD PARAMETERS

Thread Parameters	specification	
	2 3/8" to 4 1/2"	
thread from	cylindrical thread form	
Thread Pitch	4 TPI	

RISER CONNECTOR

ZC-CC

ZC-CC is a kind of Riser connection without thread. Its lock ring is auto-locked after installation. With the quick installation, repeated use and excellent sealing performance. ZC-CC is widely applied in offshore drilling operation and used in the size range of 16"-36 Riser. The structure is shown in the following drawing:



Features:

1. Auto-lock after installation instead of threading
2. With special elastic sealing and anti-rotation structure
3. With internal and external positioning shoulder, ZC-CC make installation easier

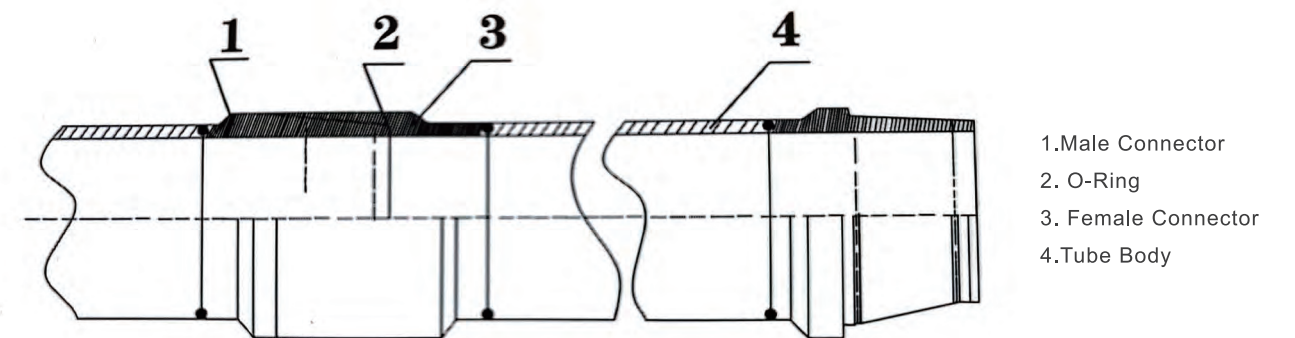


Performance:

1. Support installation without mechanical make-up operation
2. The self-locking ring is reuseable. Repeated installation does not affect sealing effectiveness.

ZC-CV

ZC-CV is a kind of single lead coarse thread connector, whose pitch is 2 times the API buttress with quick make-up and excellent sealing capacity, used repeatedly. ZC-CV is widely applied in offshore drilling operation and used in the size range of 16"-36 Riser. The structure is shown at following drawing:



Features:

1. Single lead coarse thread connector, with 2 times pitch API Buttress thread
2. With special O shaped sealing structure
3. The front part of connector provides a positioning shoulder which can supply higher tightening torque so to avoid auto-shackle caused by joints shaking.

Performance:

1. Structural optimization design
2. Easy buckle and 2 times fast make-up than API Buttress
3. With better sealing capacity and high reliability



LINE PIPE

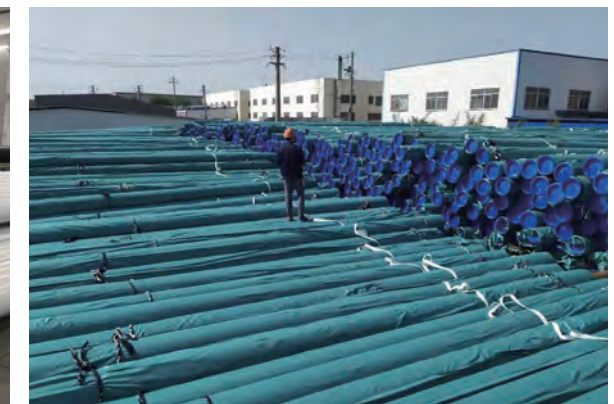
Grade:

- ◆ PSL 1: L245/B, L290/X42, L320/X46, L360/X56, L415/X60, L450/X65, L485/X70
- ◆ PSL 2: L245N/BN, L290N/X42N, L320N/X46N, L360N/X52N, L390N/X56N, L415N/X60N, L245Q/BQ, L290Q/X42Q, L320Q/X46Q, L360Q/X56Q, L415Q/X60Q, L450Q/X65Q, L485Q/X70Q

Standard: API SPEC 5L PSL1,2

Application: For transportation of gas, water and petroleum for the oil and natural gas industry

Sizes: O.D.: 19-508mm, W.T. : 2-35mm



DRILL PIPE

Grade: E75, X95, G105, S135

Standard: API SPEC 5DP PSL1,2,3

Application: For exploration and development of oil and gas wells

Sizes: O.D.: 2 3/8"-6 5/8"

Tool joints:

-External upset: NC26, NC38, NC46, NC50, etc.

-Internal external upset: NC50, 5 1/2 FH, 6 5/8 FH, etc.

Internal Coating: DPC, TC2000, TK-34, TK-34P, TK-34XT, etc.

Hard banding: ARNCO 100XT, ARNCO 300XT, BOTN 1000, BOTN 3000, etc.



COUPLING AND PUP JOINT

COUPLING FOR CASING AND TUBING

Standard: API SPEC 5CT, API SEPC 5B, API-7

Steel grade: H40, J55, K55, N80, L80, C-90, C95, T95, P110, Q125, 13Cr-80, 13Cr-110, super13

Casing Coupling: 4.5"-20"; Connection: SC, LC, BC, Premium

Tubing Coupling: 1.315"-4.5"; Connection: EU, NU, Premium



PUP JOINT FOR CASING AND TUBING

Steel grade: J55, K55, N80, L80, P110

Casing Pup Joint Size: 4-1/2"---20" (114.3---508) mm

Tubing Pup Joint Size: 1.315"---4-1/2" (33.4--114.3) mm

Type: PIN x PIN, PIN x BOX, BOX x PIN

Connection: EU, NU, SC, LC, BC as per API 5CT

Length: 2ft-20ft





GEOLOGICAL DRILLING STEEL TUBE

Grade: DZ40, DZ50, DZ55, DZ60, DZ65, DZ75

Type: BQ, NQ, HQ, PQ series

Size: Ø 42, Ø 50, Ø 60, Ø 70, Ø 90mm

Length: 0.75M, 1M, 1.5M, 2M, 3M

Application: For gas drainage hole, also widely used for mining, geology exploration, hydroelectric dam.



PIPE FOR LIQUID TRANSMISSION

Grade: A, B, C

Standard: ASTM A53/A106

Application: For project structures

Sizes: O.D.:19-508mm, W.T.: 2-35mm



SEAMLESS STEEL PIPES FOR LOW TEMPERATURE

Grade: 1, 3, 4, 6, 7, 8, 9, 10, 11

Standard: ASTM A333

Application: For low temperature

Sizes: O.D.: 19-508mm, W.T.: 2-35mm





SEAMLESS STEEL TUBES FOR MECHANICAL PROPERTIES

Steel Grade: 1020, 1026, 4130, 4140, 4145, E355, E470, ST52.3, S355J2H, SCM440 etc;

Standard: ASTM A519, ASTM A372, DIN1629, DIN2391, EN10297-1, EN10305, JISG3445 etc;

Application: For kinds of Mechanical Tubing

Sizes: O.D.: 32mm-406mm; W.T.: 5mm-65mm.



SEAMLESS STEEL PIPES FOR BOILER SERVICE

Materials: Carbon steel, ferritic and austenitic alloy steel which complies with requirements of A450/A450M.

Standard: ASTM A179/192/210

Application: For boiler service

Sizes: O.D.: 19-508mm, W.T.: 2-35mm



PRECISION STEEL TUBE

Material: 10, 20, 35, 45, 4130, ST30AL, ST35, ST45, ST52, E215, E355 etc

Standard: ASTM A 519, DN2391, EN10305, EN 10305-4, GB/3639, Clients special requirements

Delivery heat treatment status:

Cold drawn/hard:(+C)

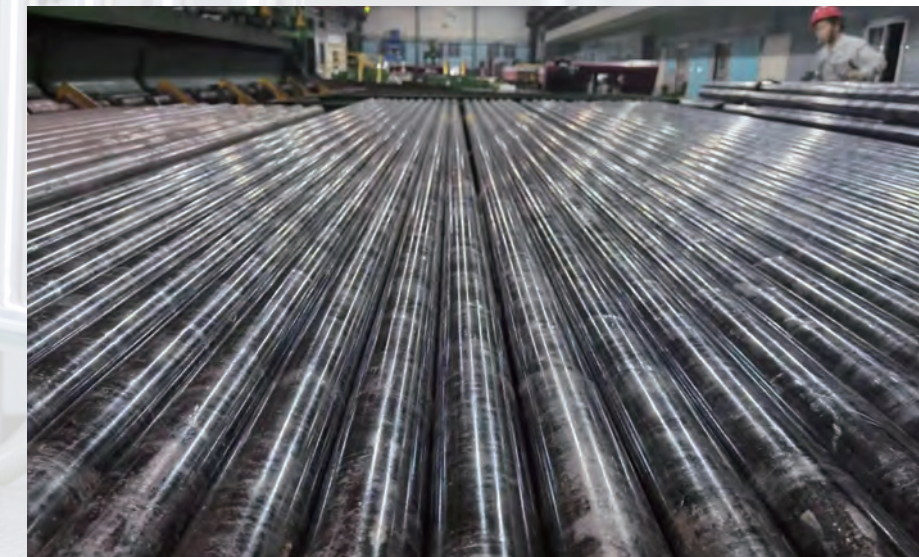
Cold drawn/Soft:(+LC)

Cold drawn and stress released:(+SR)

Normalizing:(+N)

Annealed:(+A)

Size: O.D.:6-121mm, W.T.: 0.08-18mm





ALLOY STEEL PIPE(CHROME MOLY)

Grades: T11, T12, T22, T23, T91, T92, P11, P12, P22, P23, P36, P91, P92

Standard: ASME A213, ASME A335

Size: O.D.:60-1067mm, W.T.:2-150mm





WELDED PIPE

ERW

High-frequency straight seam electric-resistance welded steel pipe(ERW steel pipe) is hot-rolled coil after forming machine, the use of high-frequency current skin effect and proximity effects, the tube edge heating and melting, squeeze roller under pressure welding to achieve production.

Standard: ASTM A53 B, A106, ASTM A178, ASTM A252
API 5L X42/46/52/56/60/70, ASTM A500, ASTM A513
EN 10204/10217 S235JR,S275JR, S355,S355JR,S355J2H

OD: 21.3-660mm

WT: 1.0-20mm



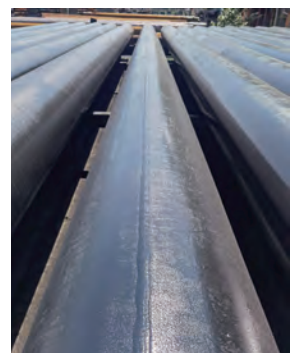
LSAW

LSAW Steel Pipe(Longitudinal Seam Submerged Arc Welding Pipe)
Outside Diameter 508mm- 1118mm (20"- 44")
Wall Thickness: 6.0-25.4mm 1/4"-1"

Standards: API、DNV、ISO、DEP、EN、ASTM、DIN、BS、JIS、GB、CSA

Length: 9-12.3m (30'- 40')

Grades: API 5L A-X90,GB/T9711 L190-L625, ASTM A53 Grade A/B/C



SSAW

SSAW Steel Pipe(Spiral Submerged arc welding pipe)

Standards: API、DNV、ISO、DEP、EN、ASTM、DIN、BS、JIS、GB、CSA

OD: 219.1mm ~ 3500mm; WT: 6mm ~ 25mm (Up to 1")

LENGTH: 6mtr ~ 18mtr, SRL, DRL

Grades: API 5L A-X90,GB/T9711 L190-L625, ASTM A53 Grade A/B/C



GLOBAL DISTRIBUTION MAP

