



Shanghai Changhao High Pressure Pipe Fittings Co., Ltd
Shanghai Changhao International Co., Ltd

**One-up pipeline production
manufacturer**

Brief Introduction

Established in March 13, 2002, Shanghai Changhao High Pressure Pipe Fittings Co., Ltd is one of the largest pipe fittings and carbon steel pipe manufacturers in China, located in No.2585, Zhouzhu high Road, Pudong New District , Shanghai City, China.

Our factory was covering an area of 36,000 square meter, we have more than 200 employees, including 27 technical professionals. Our company specializes in manufacturing carbon steel pipe fittings (elbows, reducers, tees, pipe caps, flanges) and carbon steel pipes ,which are used for water processing, power ship-building, gas and oil transportation, structure building etc.

We can annually produce 50,000 metric tons of pipe fittings and 60,000 metric tons of seamless pipes, with perfect physics and chemistry laboratory to meet clients' requirements on chemical composition and mechanical property test, and all products are in accordance with ISO9001 Quality Management System.

More than 90% of our products have been exported to India, Bangladesh, Russia, the Middle East, Africa, etc.

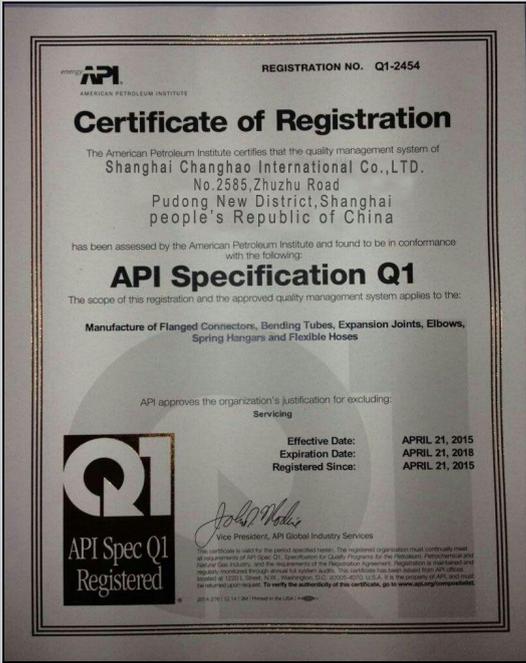
We wish to create a prosperous future with our clients together.



- 1 Team Work, Help each other
- 2 Good Faith Doctrine
- 3 Clients First
- 4 Work Hard
- 5 Passion Always

Certificate and License

With the high quality and professional service, Changhao enjoy a very good reputation and passed many certificates to meet clients' requirement.



Fair and Customers

We would like to take part in the Canton Fair and other trade show every year, and do a lot of friendly and win-win cooperation with customers from all over the world. Also, we welcome all customers can come to visit our factory to build up good cooperation.



The Dubai customers come to have a business talk with our company in Canton Fair.

The Egypt customers come to have business talk with our company in Shanghai Steel Pipe & Fittings Fair.



The Philippines customers come to visit our factory and make order.

Sample Pipe Show



Seamless Steel Pipe

Material: ASTM A53, A106, A210, A252, A333 etc; X42, X46, X52, X60, X65, X70 etc; JIS STPG42, G3454, G3456 etc; German St37, St42, St45, St52, DIN1626, DIN17175, Chinese 20#, Q345, 16Mn etc

Standard: API, ASME B36.10M 1996, JIS, DIN, GB8162, GB8163, GB5310

Size: 1/2"-24"

Wall thickness: Sch10-Sch160, XXS, XS, STD

End Shape: Beveled end, plain end, varnished, or adding plastic caps to protect the two ends as per customer's requirements

Surface treatment: Black Painted, Oiled, galvanized, phosphate, 3LPE etc



Sample Pipe Show

ERW steel pipe

Material: ASTM A106 GRB/ A53 GRB/ API 5L GRB/ Q345/ A335/ ST37/ ST52

Standard: API, ASME, B36.10M 1996, JIS, DIN, GB8162, GB8163, GB5310

Size:4"-72"

Wall thickness:Sch10-Sch160、XXS、XS、STD

End Shape: Beveled end , plain end, varnished, or adding plastic caps to protect the two ends as per customer' s requirements

Surface treatment: Black Painted, Oiled, galvanized, phosphate, 3LPE etc



Spiral steel pipe

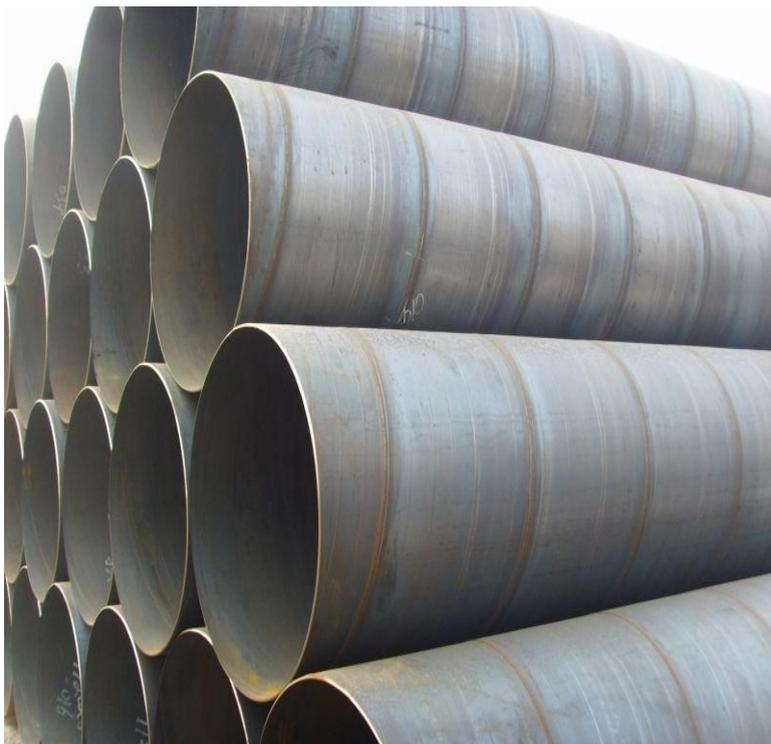
Material: ASTM A106 GRB/ A53 GRB/ API 5L GRB/ Q345/ A335/ ST37/ ST52

Standard: API, ASME, B36.10M 1996, JIS, DIN, GB8162, GB8163, GB5310

Size:4"-72"

Wall thickness:Sch10-Sch160、XXS、XS、STD

Surface treatment: Black Painted, Oiled, galvanized, phosphate, 3LPE etc



Sample Pipe Fittings and Flanges Show

Carbon Steel Pipe Fittings



Material: A234-WPB.

Size: 1/2"-72" (DN15-DN1800)

Standard: ISO. ANSI. JIS. DIN, GB/T12459、GB/T13401、ASME B16.9

Wall thickness: Sch10-Sch160、XXS、XS、STD

Connection: welding, threaded, socket welded

Packaging: Wooden Cases or wooden pallet or as per customers requirement

Applications range: Petroleum, chemical, power, gas, metallurgy, shipbuilding, construction, etc

Carbon Steel Forged Flanges

WN flange

SO flange

Blind flange

Plate flange

Spectacle flange

Material: carbon steel, stainless steel, alloy steel

Standard: ASTM, DIN, JIS, GB

Size: 1/2"-72"



Production Equipments

We always insists on introducing advanced technologies and large-scale equipment to enhance industrial level and competence, continuously working for supply and innovation of products.

Steel Pipe Production Line Show:

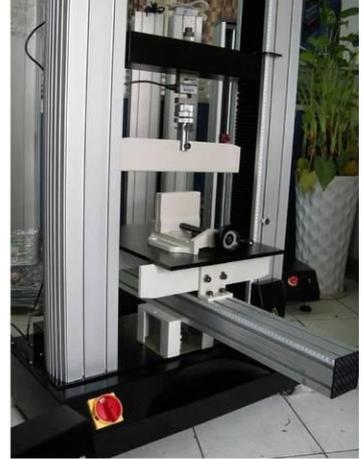


Fittings & Flanges Production Line Show:



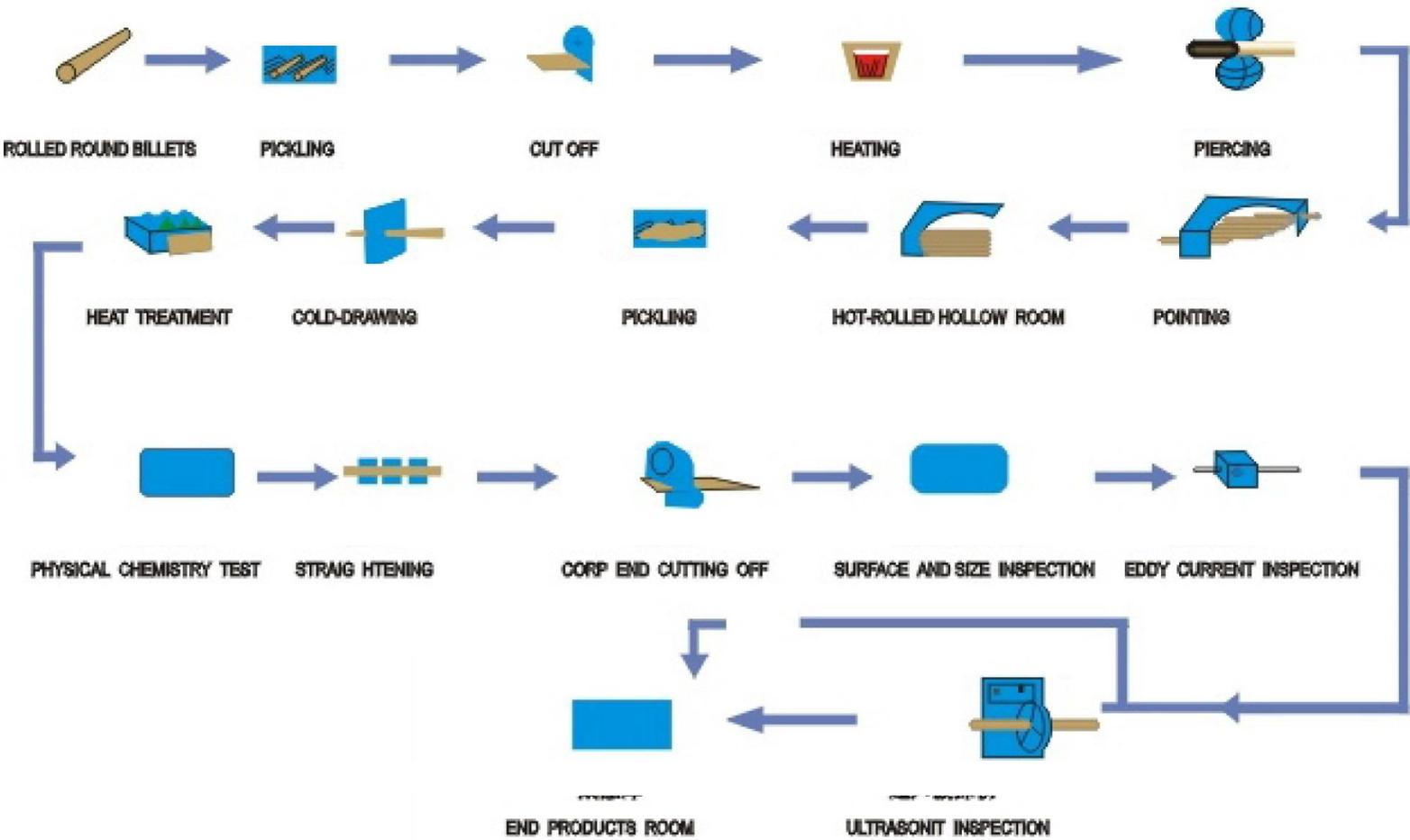
Detecting Equipments

Excellent quality is guaranteed for each product by state-of-art technologies, most perfected approaches, strict compliance with quality standard, and standardized production and product control system.

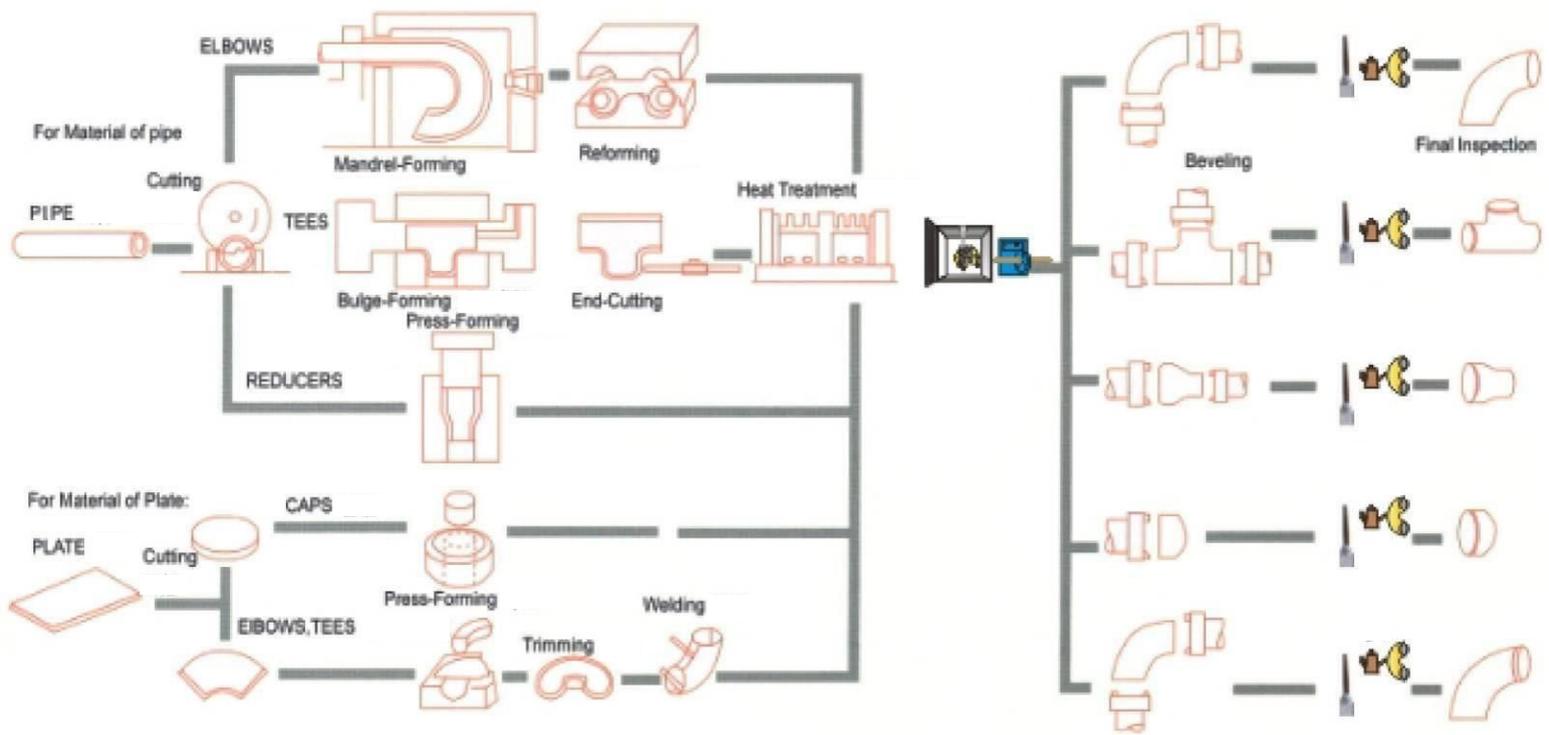


Production Process Flow Diagram

Seamless Steel Pipe Process Flow Chart

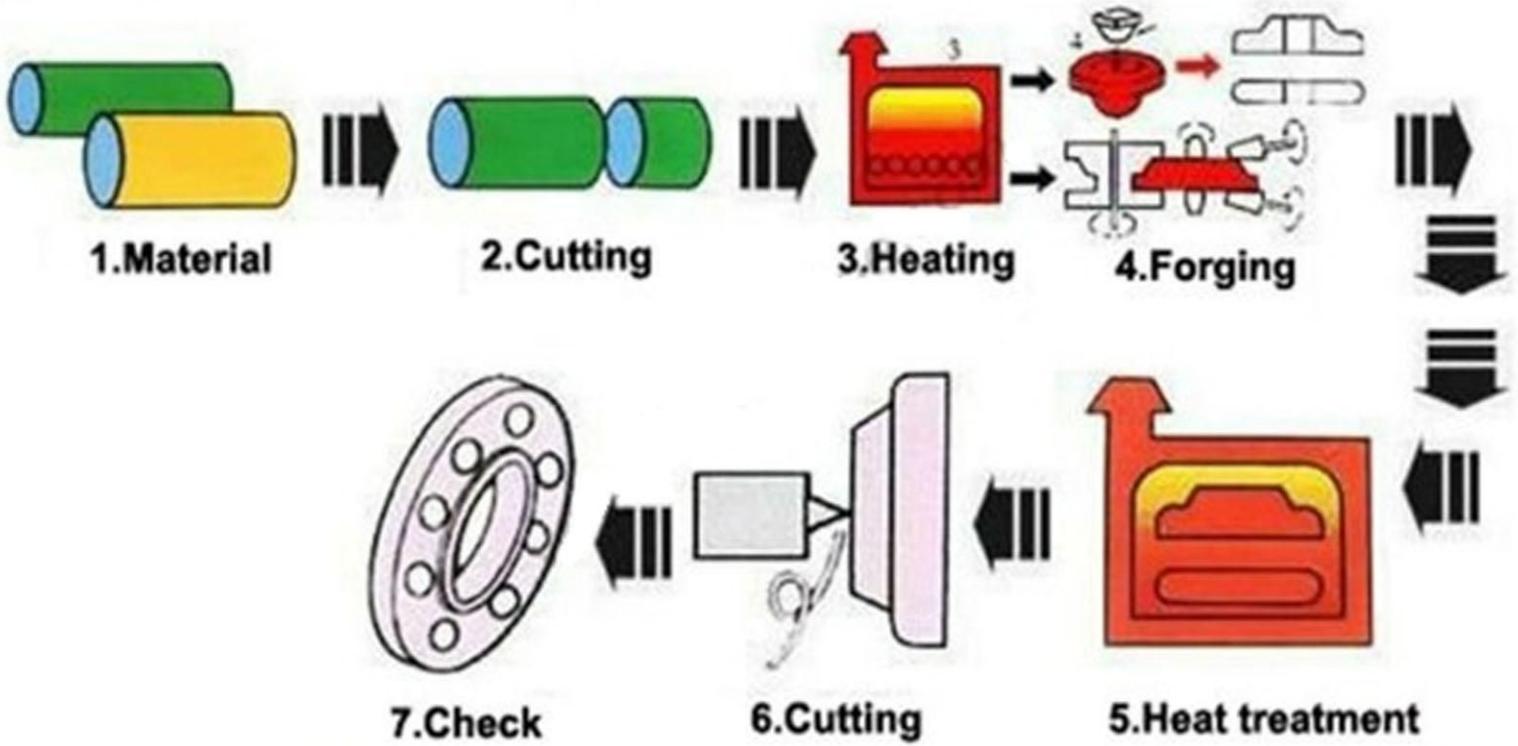


Pipe Fittings Production Process Flow Chart



Production Process Flow Diagram

Forged Flange Production Process Flow Chart



Warehouse Scene



Shipping Scene

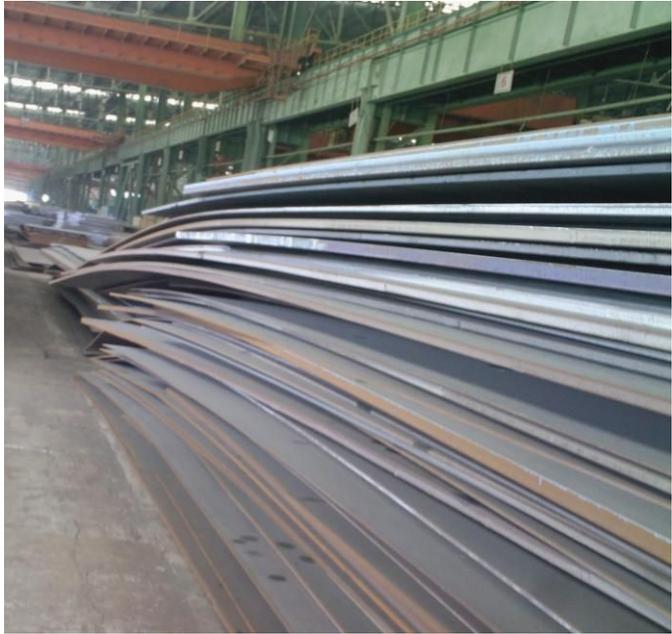
Mechanization of shipment, Safe and Fast. Just two hours from our factory to Tianjin Port.

Always, we cooperate with the most powerful shipping agent to choose the best vessel with a competitive price for our clients.



High-Quality Raw Materials

We pay much attention to choose the top quality raw material, all of our raw material are purchased from Chinese biggest steel factory as TPCO; Baoshan iron and steel plant etc.



Technical Parameter

Carbon Steel Pipe & Fittings wall thickness standard (USA,Japan,Germany)

NOMINAL PIPE SIZE		OUTSIDE DIAMETER			NOMINAL WALL THICKNESS														
A	B	ASME	JIS	DIN	JIS(G)	DIN(G)	SCH 10	SCH 20	SCH 30	STD	SCH 40	SCH 60	XS	SCH 80	SCH 100	SCH 120	SCH 140	SCH 160	XSS
15	1/2"	21.3	21.7	21.3	2.8	20	2.11	-	2.41	2.77	2.77	-	373	3.73	-	-	-	478	7.47
20	3/4"	26.7	27.2	26.9	2.8	23	2.11	-	2.41	2.87	2.87	-	391	3.91	-	-	-	556	7.82
25	1"	33.4	34.0	33.7	3.2	26	2.77	-	2.90	3.38	3.38	-	456	4.56	-	-	-	636	9.09
32	1 1/4"	42.2	42.7	42.4	3.5	26	2.77	-	2.97	3.56	3.56	-	485	4.85	-	-	-	636	9.70
40	1 1/2"	48.3	48.6	48.3	3.5	26	2.77	-	3.18	3.68	3.68	-	508	5.08	-	-	-	7.14	10.15
50	2"	60.3	60.5	60.3	3.8	29	2.77	-	3.18	3.91	3.91	-	554	5.54	-	-	-	874	11.07
65	2 1/2"	73.0	76.3	76.1	4.2	29	3.05	-	4.78	5.16	5.16	-	7.01	7.01	-	-	-	9.53	14.02
80	3"	88.9	89.1	88.9	4.2	32	3.05	-	4.78	5.49	5.49	-	7.62	7.62	-	-	-	11.13	16.24
90	3 1/2"	101.6	101.6	-	4.2	-	3.05	-	4.78	5.74	5.74	-	8.08	8.08	-	-	-	-	-
100	4"	114.3	114.3	114.3	4.5	36	3.05	-	4.78	6.02	6.02	-	8.96	8.96	-	11.13	-	13.49	17.12
125	5"	141.3	139.8	139.7	4.5	40	3.40	-	-	6.56	6.56	-	9.53	9.53	-	12.70	-	15.88	19.05
150	6"	168.3	165.2	165.3	5.0	45	3.40	4.5	-	7.11	7.11	-	10.97	10.97	-	14.27	-	18.26	21.96
200	8"	219.1	216.3	219.1	5.8	63	3.76	6.35	7.04	8.18	8.18	10.31	12.70	12.70	15.09	18.26	20.62	23.01	22.23
250	10"	273.0	267.4	273.0	6.6	63	4.19	6.35	7.80	9.27	9.27	12.70	12.70	15.09	18.26	21.44	25.40	28.58	25.40
300	12"	323.8	318.5	323.9	6.9	7.1	4.57	6.35	8.38	9.53	10.31	14.27	12.70	17.48	21.44	25.40	28.58	33.32	25.40
350	14"	355.6	355.6	355.6	7.9	80	6.35	7.92	9.53	9.53	11.13	15.09	12.70	19.05	23.83	27.79	31.75	35.71	-
400	16"	406.4	406.4	406.4	7.9	88	6.35	7.92	9.53	9.53	12.70	16.66	12.70	21.44	26.19	30.96	36.53	40.49	-
450	18"	457.2	457.2	457.0	7.9	100	6.35	7.92	11.13	9.53	14.27	19.05	12.70	23.83	29.36	34.93	39.67	45.24	-
500	20"	508.0	508.0	508.0	7.9	110	6.35	9.53	12.70	9.53	15.09	20.62	12.70	26.19	32.54	38.10	44.45	50.01	-
550	22"	558.8	558.8	-	-	-	6.35	9.53	12.70	9.53	-	22.23	12.70	28.58	34.93	41.28	47.63	53.98	-
600	24"	609.6	609.6	610.0	-	125	6.35	9.53	14.27	9.53	17.48	24.61	12.70	30.96	38.89	46.02	52.37	59.54	-
650	26"	660.4	660.4	-	-	-	7.92	12.70	-	9.53	-	-	12.70	-	-	-	-	-	-
700	28"	711.2	711.2	711.0	-	125	7.92	12.70	15.88	9.53	-	-	12.70	-	-	-	-	-	-
750	30"	762.0	762.0	-	-	-	7.92	12.70	15.88	9.53	-	-	12.70	-	-	-	-	-	-
800	32"	812.8	812.8	813.0	-	125	7.92	12.70	15.88	9.53	17.48	-	12.70	-	-	-	-	-	-
850	34"	863.6	863.6	-	-	-	7.92	12.70	15.88	9.53	17.48	-	12.70	-	-	-	-	-	-
900	36"	914.4	914.4	914.0	-	125	7.92	12.70	15.88	9.53	19.05	-	12.70	-	-	-	-	-	-
950	38"	965.2	965.2	-	-	-	-	-	-	9.53	-	-	12.70	-	-	-	-	-	-
1000	40"	1016.0	1016.0	1016.0	-	125	-	-	-	9.53	-	-	12.70	-	-	-	-	-	-
1050	42"	1066.8	1066.8	-	-	-	-	-	-	9.53	-	-	12.70	-	-	-	-	-	-
1100	44"	1117.6	1117.6	-	-	-	-	-	-	9.53	-	-	12.70	-	-	-	-	-	-
1150	46"	1168.4	1168.4	-	-	-	-	-	-	9.53	-	-	12.70	-	-	-	-	-	-
1200	48"	1219.2	1219.2	1220.0	-	-	-	-	-	9.53	-	-	12.70	-	-	-	-	-	-

NOTE: (1) THE WALL THICKNESS SPECIFIED IS GRADE IS GRADE FSG P OF JIS B2311:1997
 (2) THE WALL THICKNESS SPECIFIED IS FOR SERIES 3 OF DIN 2605 (PART 1):02.91

A53 Chemical components and mechanical property

标准 Standard	牌号 Trade mark	化学成份 Chemical components										机械性能 Mechanical property		
		C	Si	Mn	P	S	Cu	Ni	Mo	Cr	V	抗拉强度 Tensile Strength (Mpa)	屈服强度 Yield Strength (Mpa)	伸长率 Elongation (%)
ASTM A53	A	≤0.25	/	≤0.95	≤0.05	≤0.06	≤0.40	≤0.40	≤0.15	≤0.40	≤0.08	≥330	≥205	≥29.5
	B	≤0.30	/	≤1.2	≤0.05	≤0.06	≤0.40	≤0.40	≤0.15	≤0.40	≤0.08	≥415	≥240	≥29.5

A106 Chemical components and mechanical property

标准 Standard	牌号 Trade mark	化学成份 Chemical components										机械性能 Mechanical property		
		C	Si	Mn	P, S	Cu	Ni	Mo	Cr	V	抗拉强度 Tensile Strength (Mpa)	屈服强度 Yield Strength (Mpa)	伸长率 Elongation (%)	
ASTM A106	B	≤0.30	≥0.10	0.29~1.06	≤0.035	≤0.40	≤0.40	≤0.15	≤0.40	≤0.08	≥415	≥240	≥30	
	C	≤0.35	≥0.10	0.29~1.06	≤0.035	≤0.40	≤0.40	≤0.15	≤0.40	≤0.08	≥485	≥275	≥30	

Application Range

Our products are widely used in water process, electric power, petroleum & gas, ship building, fertilizer and other fields, and well received by customers.



Sales Network



With the development of 12 years, our pipe and fittings are exported to all over the world, India, Bangladesh, Russia, the Middle East, Africa, etc.

Contact US



If you have any inquiry or demands, please contact with us freely. We ensure that reply within 24 hours.

Email: sales1@changhaopipe.com

[Http://www.changhaopipe.com](http://www.changhaopipe.com)