



YOUFA STEEL PIPE GROUP

TOP 500 ENTERPRISES OF CHINA INDUSTRY LEADING BRANDS

STOCK CODE: 601686



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**TIANJIN YOUFA INTERNATIONAL
TRADE CO., LTD**

STAINLESS STEEL





YOUFA STEEL PIPE GROUP

STOCK CODE: 601686

Listed enterprises on the main board of the Shanghai Stock Exchange

Youfa is the strongest welded steel pipe manufacturing group around China.



Brand "YOUFA" is the leading and outstanding brand in the industry.



Brand "ZHENGJINYUAN" is the growing champion in the industry.



| | |
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Profile of the Group

Tianjin Youfa Steel Pipe Group Co., Ltd. was established on July 1, 2000, and its head-quarters is located in Tianjin Daqu-zhuang Town, the largest steel pipe production base in China. The company is a largest scale steel pipe manufacturing enterprise integrating the production of various pipe products such as ERW steel pipe, spiral welded pipe, hot-dip galvanized steel pipe, plastic lining composite pipe, plastic coated steel pipe, square and rectangular steel pipe, pipe-hot-dip galvanized square and rectangular steel pipe, stainless Steel Pipe, pipe fitting and scaffolding, etc. Output is over 10 million tons every year.

In addition to its headquarters in Tianjin, the company currently has a number of subsidiaries in Tangshan, Handan, Shaanxi, Liyang and other cities, with more than 9000 employees, 293 production lines of steel pipe and scaffolding. 3 national accreditation laboratories and 2 Tianjin accreditation enterprise technology centers. In 2022, the annual sales of Youfa steel pipes will be nearly 20 million tons. By the end of 2017, the whole group had 88 utility model patents and 4 invention patents. There are 32 patents in the process of application and acceptance. Since 2010, Youfa's steel pipe production and sales have increased by more than one million tons annually for 13 consecutive years.

The "Youfa" was recognized as a well known trademark in China by the Trademark Office of the State Administration for Industry and Commerce in March 2008. Youfa Group products have been awarded the title of "Tianjin Famous-brand Products" by the Tianjin Municipal Government for many consecutive years. The steel pipes of "Youfa" brand and "Zheng-jinyuan" brand won the Gold Cup Award, the highest award in China's metallurgical industry. Until 2023, Tianjin Youfa Steel Pipe Group has been among the top 500 Chinese enterprises, the top 500 Chinese manufacturing

enterprises and the top 500 Chinese private enterprises for 18 consecutive years, and has maintained its leading position in the industry in terms of national production and sales volume for 18 consecutive years.

"Youfa" brand steel pipes sell well all over the country and are widely used in key national projects such as Three Gorges Project, Capital International Airport, Shanghai Pudong International Airport, the 2008 Olympic Games venues, and 2010 Shanghai World Expo exhibition hall. They are exported to 100 countries and regions in European Union, North America, South America, Africa, South-east Asia and the Middle East. They are recognized by the industry, with a domestic comprehensive market share of more than 30%.



Tianjin Youfa Steel Pipe Factory

| Production Base | Factory Name | Products Name | Production Lines |
|--------------------------|---------------------------------------------------------------|------------------------------------------|------------------|
| Tianjin Production Base | Tianjin Youfa Steel Pipe Group Co., Ltd.-No.1 Branch Company; | Hot Dipped Galvanized Steel Pipe | 16 |
| | | ERW Steel Pipe | 9 |
| | Tianjin Youfa Steel Pipe Group Co., Ltd.-No.2 Branch Company; | ERW Steel Pipe | 7 |
| | | Square/Rectangular Steel Pipe | 15 |
| | Tianjin Youfa Dezhong Steel Pipe Co., Ltd.; | Galvanized Square/Rectangular steel Pipe | 6 |
| | | SSAW Steel Pipe | 5 |
| | Tianjin Youfa Pipeline Technology Co., Ltd.; | Steel Pipe of Lining Plastic | 10 |
| | | Plastic Coated Steel Pipe | 3 |
| | Tianjin Youfa Ruida Traffic Facilities Co., Ltd | Highway Materials | 9 |
| | | Stainless Steel Pipe | 10 |
| | Tianjin Youfa Stainless Steel Pipe Co., Ltd.; | Stainless Steel Pipe Fitting | 5 |
| Tangshan Production Base | Tangshan Zhengyuan Pipeline Industry Co., Ltd.; | Hot Dipped Galvanized Steel Pipe | 12 |
| | | ERW Steel Pipe | 17 |
| | | Steel Pipe of Lining Plastic | 4 |
| | Tangshan Youfa Steel Pipe Manufacture Co., Ltd.; | ERW Steel Pipe | 11 |
| | | ERW Steel Pipe | 11 |
| | Tangshan Youfa New Construction Equipment Co., Ltd | Galvanize | 12 |
| | | Ringlock Scaffolding System | 9 |
| | | Hot Dipped Galvanized Steel Pipe | 8 |
| | | ERW Steel Pipe | 12 |
| | | Square/Rectangular Steel Pipe | 13 |
| Handan Production Base | Handan Youfa Steel Pipe Co., Ltd.; | Galvanized Square/Rectangular Steel Pipe | 4 |
| | | SSAW Steel Pipe | 4 |
| | | Steel Pipe of Lining Plastic | 4 |
| | | Hot Dipped Galvanized Steel Pipe | 6 |
| | | ERW Steel Pipe | 12 |
| Shaanxi Production Base | Shaanxi Youfa Steel Pipe Co., Ltd.; | Square/Rectangular Steel Pipe | 6 |
| | | Galvanized Square/Rectangular Steel Pipe | 3 |
| | | Steel Pipe of Lining Plastic | 3 |
| | | Plastic Coated Steel Pipe | 3 |
| | | Hot Dipped Galvanized Steel Pipe | 6 |
| Liyang Production Base | Jiangsu Youfa Steel Pipe Co., Ltd.; | ERW Steel Pipe | 10 |
| | | Square/Rectangular Steel Pipe | 9 |
| | | Galvanized Square/Rectangular Steel Pipe | 4 |
| | | Welded Steel Oil Pipe | 15 |
| Huludao Production Base | Huludao City Steel Pipe Industrial Co., Ltd.; | | |
| | Chengdu Yunganglian Logistics Co., Ltd.; | Logistics Centre | |
| Total | | | 293 |



TIANJIN YOUFA PRODUCTION BASE



TANGSHAN YOUFA PRODUCTION BASE



HANDAN YOUFA PRODUCTION BASE



SHAANXI YOUFA PRODUCTION BASE



LIYANG YOUFA PRODUCTION BASE



HULUDAO YOUFA PRODUCTION BASE

Tianjin Youfa Steel Pipe Project

| Year | Country | Project | Usage |
|-----------|------------|---------------------------------------------------|-------------------------------------------------------------|
| 2014-2015 | - | Chevron Corporation Oil Platform | Scaffolding steel pipe |
| 2015 | Ethiopia | Adama Industrial Parks | Construction steel pipe |
| 2017 | Jordan | Mafrac | Solar mounting systems steel pipe |
| 2017 | Mexico | Kaixo | Solar mounting systems steel pipe |
| 2018 | Viet Nam | Cong ty TNHH Gain Lucky Textile Factory | Solar mounting systems steel pipe |
| 2019 | Kuwait | Kuwait International Airport | Construction steel pipe |
| 2019 | Ethiopia | Polaroid Airport | Conduit steel pipe |
| 2019 | Egypt | New Cairo Business Center | Fire sprinkler and water delivery steel pipe |
| 2019 | Morocco | Fire Fighting Pipeline of Moroccan Chemical Plant | Fire sprinkler steel pipe |
| 2020 | Cambodia | Phnom Penh Airport | Galvanized steel pipe, Spiral welded pipe and Seamless pipe |
| 2021 | Bangladesh | Dhaka Airport | Galvanized steel pipe |
| 2022 | Bolivia | Bolivia Civil Gas Pipeline | Galvanized steel pipe |



Galvanized Steel Pipe used in ADAMA INDUSTRIAL PARK PROJECT in ETHIOPIA



Scaffolding Steel Pipes used in Chevron Corporation Oil Platform



Construction Steel Pipe used in Beijing National Stadium-Bird's Nest

Core member of national important industry association



Council member of CAQ



Standing director unit of SCS



Vice president unit of Steel Pipe Branch of SCS



Vice President Unit of CCMSA



Vice President Unit of Supply Chain and Labor Management Branch of CCIA



President Unit of CAMT



President unit of Welded Pipe Branch of CAMT



Corporate member of the WPC



Unit member of CFP



Group member of CGA

Tianjin Youfa Stainless Steel Pipe Co., Ltd



Tianjin Youfa Stainless Steel Pipe Co., LTD., founded in August 2019, is a subsidiary of Tianjin Youfa Steel Pipe Group Co., LTD (Youfa Steel Pipe Group is a large-scale comprehensive enterprise integrating steel pipe design, research and development, production, sales and service).The company have 20 welded stainless steel pipe production line and 60 stainless steel pipe fitting machine which can produce about 10000 Ton stainless steel pipe and fitting each year.

Tianjin Youfa Stainless Steel Pipe Co., Ltd. is committed to the development and production of stainless steel pipe and fittings. "YOUFA" Brand Stainless steel pipe and Fitting are with the safety and health, corrosion resistance, durable, long life, maintenance free, beautiful, safe and reliable, quick and convenient installation characteristics. "YOUFA" Brand Stainless steel pipe and Fitting are widely used in water engineering, construction engineering ,

heating system, gas transmission, medical system, solar energy, chemical engineering and other low pressure fluid transmission r engineering. All our pipes and fittings are fully in line with the latest national product , which are the first choice for purifying water supply and maintaining healthy life.

MAIN PRODUCTS

Stainless Steel Pipe and Fittings,Stainless Steel Coil and Sheet

CONNECTION TYPE

Compressed, Trench, Socket Welding,etc

RANGE OF APPLICATION

Home decoration, civil construction, municipal water supply, drainage, power communication, gas, fire and agriculture, Marine aquaculture and other fields



工业流体输送用不锈钢管
INDUSTRIAL FLUID TRANSMISSION PIPE



STAINLESS STEEL PIPE
PRODUCT&TECHNOLOGY
不锈钢管产品和技术

Stainless steel material has strong corrosion resistance and excellent sanitary performance. It is the first choice for direct drinking water engineering, hot and cold water engineering, medical gas engineering and gas transmission engineering. With the continuous development of social economy, stainless steel pipes are becoming a trend and widely used in various civil construction facilities. In developed countries such as Europe, America and Japan, stainless steel pipes are replacing copper pipes as mainstream water gas pipes. In China, more and more high-quality buildings have chosen stainless steel pipes as water supply pipes, direct drinking water pipes and gas pipes, so as to meet the requirements of one-step and life-long maintenance free use.

Product Characteristics:

1. Corrosion resistant, with the same service life as the building, the one-time consumption cost is slightly higher, but the comprehensive cost is the lowest
2. Good sanitary performance, It is recognized as a healthy, environment-friendly, pure metal pipe
3. Gorgeous and high-end appearance with polishing
4. Reliable quality, production in strict accordance with standards

Technical parameters

1. Materials: S30403(304L)/S30408(304)/S31603(316L)/S31608(316), etc
2. Rated Working Pressure: PN16, PN25, etc
3. Operating Range: Cold water, hot water, direct drinking water, fire protection, gas, medical gas transmission, etc
4. Working Temperature: gas: -40 °C - 80 °C, water: 0 °C - 100 °C, etc

| Nominal Pipes Size | | OD | Kg/m Materials:304 (Wall Thickness,Weight) | | | | | | | | | | | |
|--------------------|--------|---------|--------------------------------------------|------|---------|--------|------|---------|--------|------|---------|--------|-------|---------|
| DN | In | | Sch5s | | | Sch10s | | | Sch20s | | | Sch40s | | |
| DN | In | mm | In | mm | kg/m | In | mm | kg/m | In | mm | kg/m | In | mm | kg/m |
| DN15 | 1/2" | 21.34 | 0.065 | 1.65 | 0.809 | 0.083 | 2.11 | 1.011 | | | | | | |
| DN20 | 3/4" | 26.67 | 0.065 | 1.65 | 1.028 | 0.083 | 2.11 | 1.291 | | | | | | |
| DN25 | 1" | 33.40 | 0.065 | 1.65 | 1.305 | 0.109 | 2.77 | 2.113 | 0.120 | 3.05 | 2.306 | 0.133 | 3.38 | 2.528 |
| DN32 | 1 1/4" | 42.16 | 0.065 | 1.65 | 1.665 | 0.109 | 2.77 | 2.718 | 0.120 | 3.05 | 2.971 | 0.140 | 3.56 | 3.423 |
| DN40 | 1 1/2" | 48.26 | 0.065 | 1.65 | 1.916 | 0.109 | 2.77 | 3.139 | 0.120 | 3.05 | 3.435 | 0.145 | 3.68 | 4.087 |
| DN50 | 2" | 60.33 | 0.065 | 1.65 | 2.412 | 0.109 | 2.77 | 3.972 | 0.120 | 3.05 | 4.352 | 0.145 | 3.91 | 5.495 |
| DN65 | 2 1/2" | 73.03 | 0.083 | 2.11 | 3.728 | 0.120 | 3.05 | 5.317 | 0.156 | 3.96 | 6.813 | 0.203 | 5.16 | 8.724 |
| DN80 | 3" | 88.90 | 0.083 | 2.11 | 4.562 | 0.120 | 3.05 | 6.522 | 0.156 | 3.96 | 8.379 | 0.216 | 5.49 | 11.407 |
| DN90 | 3 1/2" | 101.60 | 0.083 | 2.11 | 5.229 | 0.120 | 3.05 | 7.487 | 0.156 | 3.96 | 9.632 | 0.226 | 5.74 | 13.706 |
| DN100 | 4" | 114.30 | 0.083 | 2.11 | 5.897 | 0.120 | 3.05 | 8.452 | 0.203 | 5.16 | 14.028 | 0.237 | 6.02 | 16.237 |
| DN125 | 5" | 141.30 | 0.109 | 2.77 | 9.559 | 0.134 | 3.40 | 11.679 | 0.203 | 5.16 | 17.499 | 0.258 | 6.55 | 21.986 |
| DN150 | 6" | 168.28 | 0.109 | 2.77 | 11.420 | 0.134 | 3.40 | 13.964 | 0.216 | 5.49 | 22.262 | 0.280 | 7.11 | 28.545 |
| DN200 | 8" | 219.08 | 0.134 | 2.77 | 14.926 | 0.148 | 3.76 | 20.167 | 0.237 | 6.02 | 31.950 | 0.322 | 8.18 | 42.974 |
| DN250 | 10" | 273.05 | 0.156 | 3.40 | 22.838 | 0.165 | 4.19 | 28.052 | 0.237 | 6.02 | 40.043 | 0.365 | 9.27 | 60.911 |
| DN300 | 12" | 323.85 | 0.156 | 3.96 | 31.555 | 0.180 | 4.57 | 36.346 | 0.237 | 6.02 | 47.661 | 0.375 | 9.53 | 74.617 |
| DN350 | 14" | 355.60 | 0.156 | 3.96 | 34.687 | 0.188 | 4.78 | 41.772 | 0.258 | 6.55 | 56.951 | 0.437 | 11.10 | 95.255 |
| DN400 | 16" | 406.40 | 0.165 | 4.19 | 41.980 | 0.188 | 4.78 | 47.821 | 0.258 | 6.55 | 65.240 | 0.437 | 11.10 | 109.301 |
| DN450 | 18" | 457.20 | 0.165 | 4.19 | 47.394 | 0.203 | 5.16 | 58.103 | 0.322 | 8.18 | 91.494 | 0.563 | 14.30 | 157.767 |
| DN500 | 20" | 508.00 | 0.203 | 5.16 | 64.633 | 0.217 | 5.50 | 68.845 | 0.375 | 9.53 | 118.333 | 0.595 | 15.10 | 185.400 |
| DN550 | 22" | 558.00 | 0.203 | 5.16 | 71.060 | 0.217 | 5.50 | 75.695 | 0.375 | 9.53 | 130.203 | 0.626 | 15.90 | 214.709 |
| DN600 | 24" | 609.60 | 0.216 | 5.49 | 82.616 | 0.285 | 6.50 | 97.651 | 0.375 | 9.53 | 142.452 | 0.689 | 17.50 | 258.111 |
| DN700 | 28" | 711.20 | 0.216 | 5.49 | 96.510 | 0.322 | 8.18 | 143.25 | 0.500 | 12.7 | 220.975 | 0.689 | 17.50 | 302.401 |
| DN750 | 30" | 762.00 | 0.258 | 6.55 | 123.260 | 0.322 | 8.18 | 153.601 | 0.500 | 12.7 | 237.046 | 0.689 | 17.50 | 314.546 |
| DN800 | 32" | 812.80 | | | | 0.322 | 8.18 | 163.952 | 0.500 | 12.7 | 253.117 | 0.689 | 17.50 | 346.691 |
| DN850 | 34" | 863.60 | | | | 0.322 | 8.18 | 174.304 | 0.500 | 12.7 | 269.188 | 0.689 | 17.50 | 368.836 |
| DN900 | 36" | 914.40 | | | | 0.322 | 8.18 | 184.655 | 0.500 | 12.7 | 285.259 | 0.748 | 19.10 | 425.967 |
| DN1000 | 40" | 1016.00 | | | | 0.375 | 9.53 | 238.928 | 0.563 | 14.3 | 356.819 | 1.031 | 26.20 | 645.985 |

Standard: ASTM A312, ASTM A358, ASTM A790, ASTM A928, JIS G3459, JIS G3468, EN10217, etc



薄壁不锈钢饮用水管
THIN-WALLED STAINLESS STEEL PIPE

| JIS G3448 | | EN10312 | | CJ/T 151 | | GB/T 19228 | | | | | | |
|-----------|--------|---------|--------|----------|--------|------------|---------|--------------|---------|-----|-------------|--------|
| OD (mm) | T (mm) | OD (mm) | T (mm) | OD (mm) | T (mm) | OD(mm) | | OD Tolerance | T(mm) | | T Tolerance | |
| | | | | | | I | II | | S1 | S2 | | |
| 9.53 | 0.7 | 10.0 | 0.6 | 10.0 | 0.6 | 0.8 | 12.7 | - | +/-0.10 | 0.8 | 0.6 | +/-10% |
| 12.7 | 0.8 | 12.0 | | 12.0 | | | 16 | 15.9 | +/-0.10 | 1.0 | 0.8 | |
| 15.88 | | 15.0 | 16.0 | 18 | 22.2 | +/-0.11 | 1.2 | 1.0 | | | | |
| 22.22 | 1.0 | 22.0 | 20.0 | 20 | | +/-0.11 | 1.2 | 1.0 | | | | |
| 28.58 | | 28.0 | 22.0 | 0.8 | 22 | 28.6 | +/-0.14 | 1.2 | 1.0 | | | |
| 34.00 | 1.2 | 35.0 | 25.4 | | 25.4 | | 1.2 | 1.0 | | | | |
| 42.7 | | 42.0 | 28.0 | 28 | 34 | +/-0.17 | 1.5 | 1.2 | | | | |
| 48.60 | 1.5 | 76.1 | 35.0 | 32 | | 42.7 | +/-0.21 | 1.5 | 1.2 | | | |
| 60.50 | | 103.0 | 38.0 | 35 | 48.6 | | +/-0.26 | 1.5 | 1.2 | | | |
| 76.30 | 108.0 | 42.0 | 40 | 54 | | - | +/-0.32 | 1.5 | 1.5 | | | |
| 89.10 | 2.0 | 128.0 | 50.8 | | 42 | | +/-0.38 | 2.0 | 1.5 | | | |
| 114.30 | | 133.0 | 76.1 | 50.8 | 88.9 | +/-0.44 | 2.0 | - | | | | |
| 139.80 | 159.0 | 88.9 | 54 | 101.6 | | +/-0.54 | 2.0 | - | | | | |
| 165.20 | 3.0 | 219.0 | 102.0 | | 101.6 | 108 | - | - | | | | |
| 216.30 | | 267.0 | 108.0 | 108 | | | | | | | | |
| 267.40 | 3.0 | | 133.0 | 159.0 | 3.0 | 3.0 | | | | | | |
| 318.50 | | | 219.1 | 273.1 | | | | | 323.9 | | | |

Attention: "I" series preferred

Standard: JIS G3448, EN10312, CJ/T151, GB/T



食品卫生级不锈钢管
FOOD HYGIENIC GRADE STAINLESS STEEL PIPE

| T(mm) | 1 | 1.2 | 1.5 | 2.0 | 3.0 | 4.0 | 5.0 | 6.0 |
|--------|-------------------------|------|------|-------|-------|-------|-------|-------|
| OD(mm) | Kgs/Meter Materials:304 | | | | | | | |
| 18 | 0.42 | 0.50 | 0.62 | | | | | |
| 22 | | 0.62 | 0.77 | | | | | |
| 28 | | 0.80 | 1.00 | | | | | |
| 29 | | 0.83 | 1.03 | | | | | |
| 34 | | 0.98 | 1.21 | | | | | |
| 35 | | 1.01 | 1.25 | | | | | |
| 40 | | 1.16 | 1.44 | | | | | |
| 41 | | 1.19 | 1.48 | | | | | |
| 52 | | 1.52 | 1.89 | 2.49 | | | | |
| 53 | | 1.55 | 1.92 | 2.54 | | | | |
| 54 | | | 1.96 | 2.59 | | | | |
| 70 | | | 2.56 | 3.39 | | | | |
| 85 | | | 2.79 | 3.70 | | | | |
| 104 | | | 3.83 | 5.59 | | | | |
| 129 | | | | 6.33 | 11.16 | | | |
| 154 | | | | 9.43 | 11.28 | | | |
| 204 | | | | 10.06 | 15.02 | | | |
| 254 | | | | 12.55 | 18.76 | 24.91 | 31.01 | 37.07 |
| 306 | | | | 15.15 | 22.64 | 30.09 | 37.49 | 44.84 |

Standard: DIN 11850, ASTM A270, EN10312, JIS G3447, ISO2037





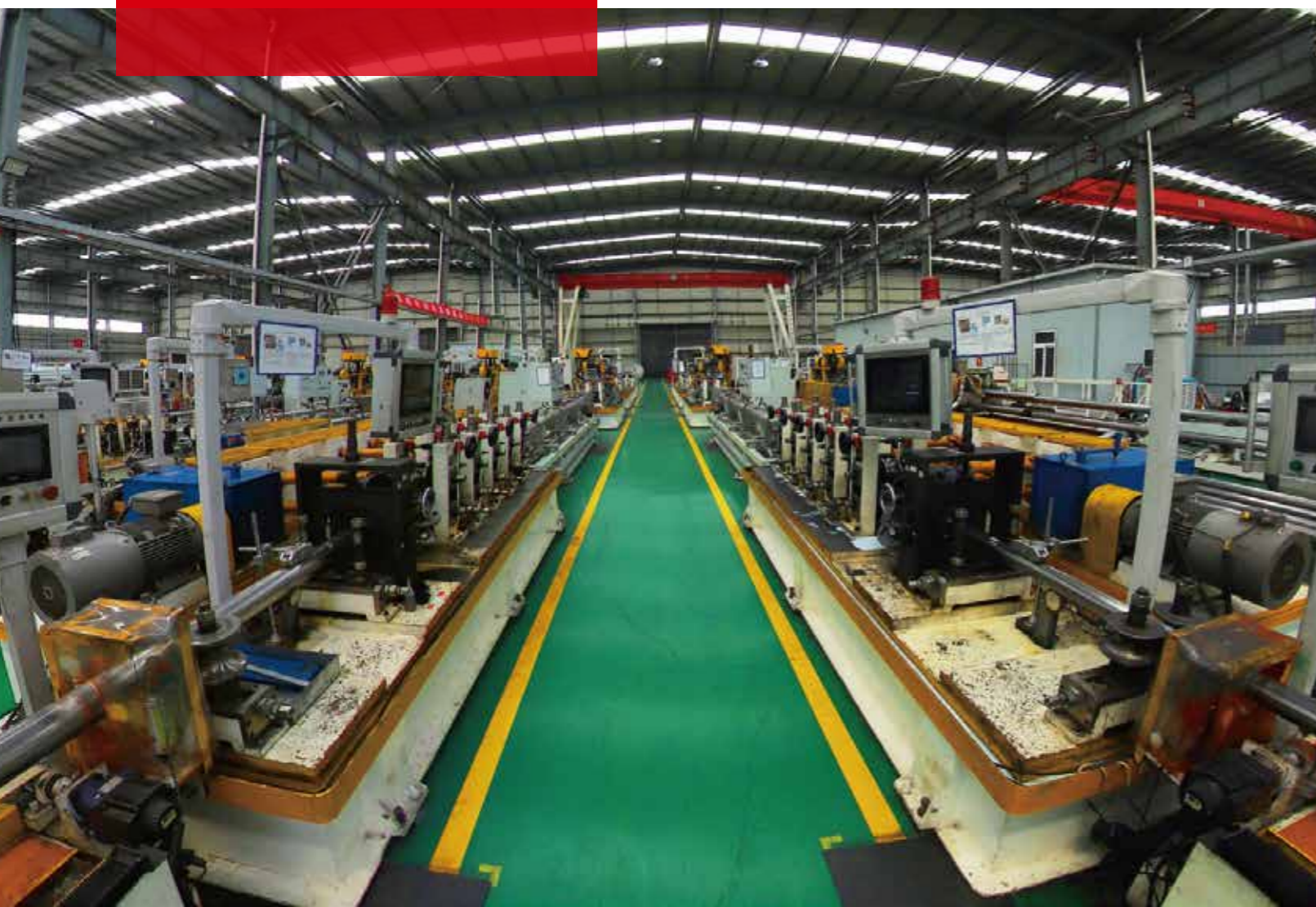
Round
Outside diameter:12.70-711.00mm
Thickness:1.0-10.0mm
Length:3-6m

Square
Outside diameter:15x15-250x250mm
Thickness:1.0-10.0mm
Length:3-6m

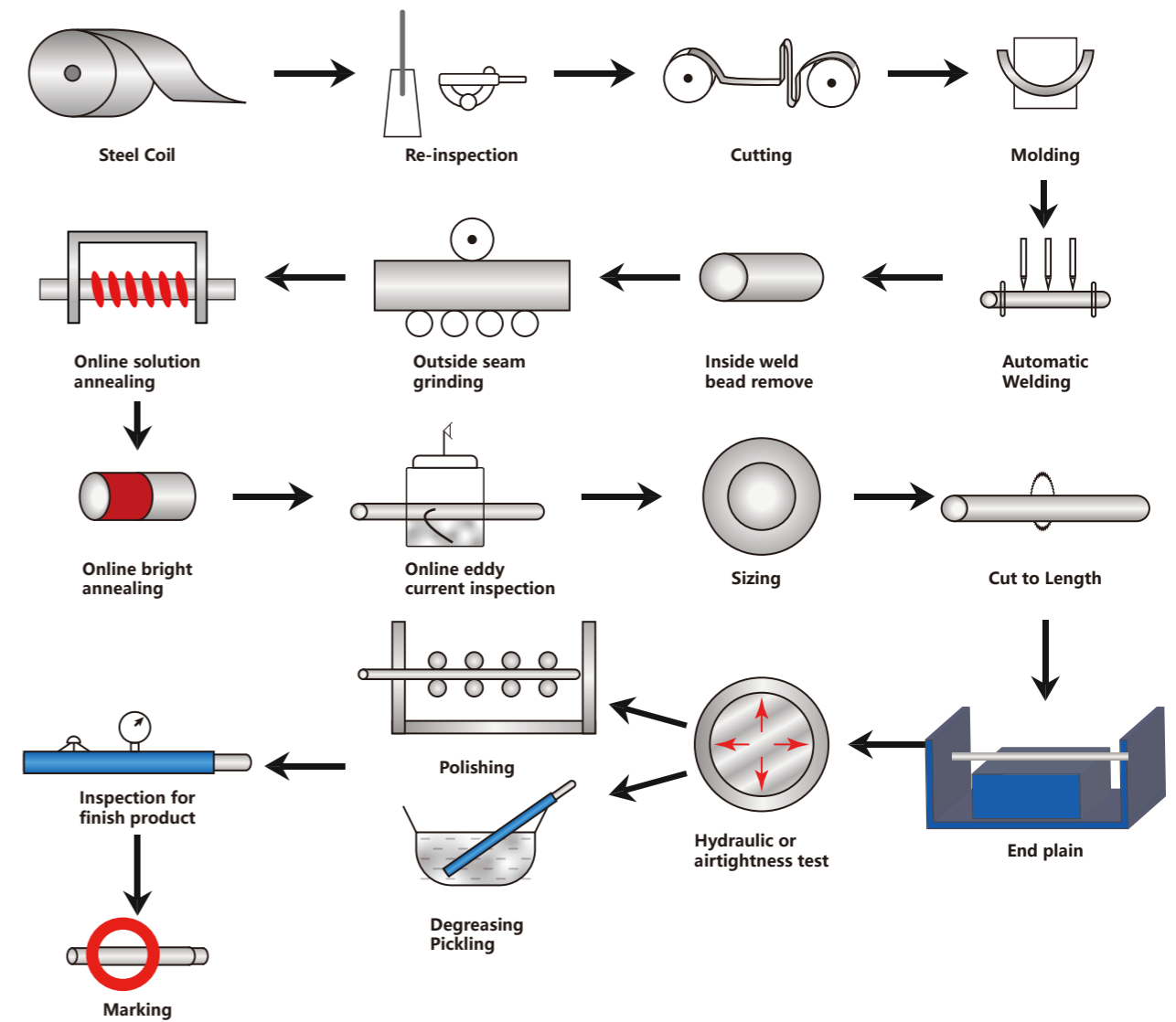
Rectangle
Outside diameter:20x40-200x300mm
Thickness:1.0-10.0mm
Length:3-6m

Standrad: GB/T12770, JG-T3030, ASTM A554, JIS G3446

机械结构和装饰用不锈钢管
MECHANICAL STRUCTURE
AND DECORATION STAIN-
LESS STEEL PIPE



生产车间及制作流程
PRODUCTION SHOP & PRODUCTION PROCESS DIAGRAM



沟槽式不锈钢管件

TRENCH TYPE STAINLESS STEEL PIPE FITTING

Technical parameters

- 1.Materials:S30403(304L)/S30408(304)/S31603(316L)/S31608(316),etc
- 2.Rated Working Pressure:1.6 Mpa,2.1 Mpa,2.5 Mpa,etc
- 3.Operating Range:Cold water, hot water, direct drinking water, fire protection, gas, medical gas transmission, etc
- 4.Working Temperature: gas: -40 ℃ - 80 ℃ ,water:0 ℃ - 100 ℃ ,etc



Equal Tee

| Size(OD) | | Press(Mpa) | |
|----------|-------|------------|------------|
| INCH | MM | Max Work | Rated Work |
| 1" | 33.4 | 4.4 | 2.1 |
| 1 1/4" | 42.2 | 4.4 | 2.1 |
| 1 1/2" | 48.3 | 4.4 | 2.1 |
| 2" | 60.3 | 4.4 | 2.1 |
| 2 1/2" | 73 | 4.4 | 2.1 |
| 3" | 88.9 | 4.4 | 2.1 |
| 4" | 114.3 | 4.4 | 2.1 |
| 5" | 141.3 | 4.4 | 2.1 |
| 6" | 168.3 | 4.4 | 2.1 |
| 8" | 219 | 4.4 | 2.1 |
| 10" | 273 | 4.4 | 2.1 |
| 12" | 323.9 | 4.4 | 2.1 |
| 14" | 355.6 | 4.4 | 2.1 |
| 16" | 406.4 | 4.4 | 2.1 |
| 18" | 457.2 | 4.4 | 2.1 |
| 20" | 508 | 4.4 | 2.1 |
| 24" | 609.6 | 4.4 | 2.1 |



90 Degree Elbow

| Size(OD) | | Press(Mpa) | |
|----------|-------|------------|------------|
| INCH | MM | Max Work | Rated Work |
| 1" | 33.4 | 4.4 | 2.1 |
| 1 1/4" | 42.2 | 4.4 | 2.1 |
| 1 1/2" | 48.3 | 4.4 | 2.1 |
| 2" | 60.3 | 4.4 | 2.1 |
| 2 1/2" | 73 | 4.4 | 2.1 |
| 3" | 88.9 | 4.4 | 2.1 |
| 4" | 114.3 | 4.4 | 2.1 |
| 5" | 141.3 | 4.4 | 2.1 |
| 6" | 168.3 | 4.4 | 2.1 |
| 8" | 219 | 4.4 | 2.1 |
| 10" | 273 | 4.4 | 2.1 |
| 12" | 323.9 | 4.4 | 2.1 |
| 14" | 355.6 | 4.4 | 2.1 |
| 16" | 406.4 | 4.4 | 2.1 |
| 18" | 457.2 | 4.4 | 2.1 |
| 20" | 508 | 4.4 | 2.1 |
| 24" | 609.6 | 4.4 | 2.1 |



45 Degree Elbow

| Size(OD) | | Press(Mpa) | |
|----------|-------|------------|------------|
| INCH | MM | Max Work | Rated Work |
| 1" | 33.4 | 4.4 | 2.1 |
| 1 1/4" | 42.2 | 4.4 | 2.1 |
| 1 1/2" | 48.3 | 4.4 | 2.1 |
| 2" | 60.3 | 4.4 | 2.1 |
| 2 1/2" | 73 | 4.4 | 2.1 |
| 3" | 88.9 | 4.4 | 2.1 |
| 4" | 114.3 | 4.4 | 2.1 |
| 5" | 141.3 | 4.4 | 2.1 |
| 6" | 168.3 | 4.4 | 2.1 |
| 8" | 219 | 4.4 | 2.1 |
| 10" | 273 | 4.4 | 2.1 |
| 12" | 323.9 | 4.4 | 2.1 |
| 14" | 355.6 | 4.4 | 2.1 |
| 16" | 406.4 | 4.4 | 2.1 |
| 18" | 457.2 | 4.4 | 2.1 |
| 20" | 508 | 4.4 | 2.1 |
| 24" | 609.6 | 4.4 | 2.1 |



Reducing Tee

| Size(OD) | | Press(Mpa) | |
|--------------|-------------------|------------|------------|
| INCH | MM | Max Work | Rated Work |
| 3"x3"x2" | 88.9x88.9x60.3 | 4.4 | 2.1 |
| 3"x3"x2-1/2" | 88.9x88.9x73 | 4.4 | 2.1 |
| 4"x4"x2" | 114.3x114.3x60.3 | 4.4 | 2.1 |
| 4"x4"x2-1/2" | 114.3x114.3x73 | 4.4 | 2.1 |
| 4"x4"x3" | 114.3x114.3x88.9 | 4.4 | 2.1 |
| 6"x6"x2" | 168.3x168.3x60.3 | 4.4 | 2.1 |
| 6"x6"x2-1/2" | 168.3x168.3x73 | 4.4 | 2.1 |
| 6"x6"x3" | 168.3x168.3x88.9 | 4.4 | 2.1 |
| 6"x6"x4" | 168.3x168.3x114.3 | 4.4 | 2.1 |
| 6"x6"x5" | 168.3x168.3x141.3 | 4.4 | 2.1 |
| 8"x8"x4" | 219x219x114.3 | 4.4 | 2.1 |
| 8"x8"x5" | 219x219x141.3 | 4.4 | 2.1 |
| 8"x8"x6" | 219x219x168.3 | 4.4 | 2.1 |
| 10"x10"x6" | 273x273x168.3 | 4.4 | 2.1 |
| 10"x10"x8" | 273x273x219 | 4.4 | 2.1 |
| 12"x12"x6" | 325x325x168.3 | 4.4 | 2.1 |
| 12"x12"x8" | 325x325x219 | 4.4 | 2.1 |
| 12"x12"x10" | 325x325x273 | 4.4 | 2.1 |



Concentric Reducer

| Size(OD) | | Press(Mpa) | |
|-----------|-------------|------------|------------|
| INCH | MM | Max Work | Rated Work |
| 2"x1 1/4" | 60.3x42.2 | 4.4 | 2.1 |
| 2"x1 1/2" | 60.3x48.3 | 4.4 | 2.1 |
| 2 1/2"x2" | 73x60.3 | 4.4 | 2.1 |
| 3"x1 1/4" | 88.9x42.2 | 4.4 | 2.1 |
| 3"x1 1/2" | 88.9x48.3 | 4.4 | 2.1 |
| 3"x2" | 88.9x60.3 | 4.4 | 2.1 |
| 3"x2 1/2" | 88.9x73 | 4.4 | 2.1 |
| 4"x1 1/4" | 141.3x42.2 | 4.4 | 2.1 |
| 4"x1 1/2" | 114.3x48.3 | 4.4 | 2.1 |
| 4"x2" | 114.3x60.3 | 4.4 | 2.1 |
| 4"x2 1/2" | 114.3x73 | 4.4 | 2.1 |
| 4"x3" | 114.3x88.9 | 4.4 | 2.1 |
| 5"x3" | 114.3x88.9 | 4.4 | 2.1 |
| 5"x4" | 114.3x114.3 | 4.4 | 2.1 |
| 6"x2" | 168.3x60.3 | 4.4 | 2.1 |
| 6"x2 1/2" | 168.3x73 | 4.4 | 2.1 |
| 6"x3" | 168.3x88.9 | 4.4 | 2.1 |
| 6"x4" | 168.3x114.3 | 4.4 | 2.1 |
| 8"x3" | 219x88.9 | 4.4 | 2.1 |
| 8"x4" | 219x114.3 | 4.4 | 2.1 |
| 8"x5" | 219x114.3 | 4.4 | 2.1 |



Coupling

| Size(OD) | | Press(PSI/BAR) |
|----------|-------|----------------|
| INCH | MM | Rated Work |
| 3/4" | 26.7 | 600/42 |
| 1" | 33.4 | 600/42 |
| 1 1/4" | 42.2 | 600/42 |
| 1 1/2" | 48.3 | 600/42 |
| 2" | 60.3 | 600/42 |
| 2 1/2" | 73 | 600/42 |
| 3" | 88.9 | 600/42 |
| 4" | 114.3 | 600/42 |
| 5" | 141.3 | 600/42 |
| 6" | 168.3 | 600/42 |
| 8" | 219 | 600/42 |
| 10" | 273 | 600/42 |
| 12" | 323.9 | 600/42 |

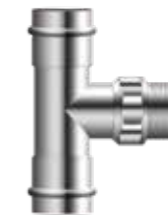
双卡压式不锈钢管件
DOUBLE COMPRESSION STAINLESS STEEL PIPE FITTING

| National Standard I Series And II Series Size | | | |
|-----------------------------------------------|--------------|---------------|-------------------|
| DN | I Series(mm) | II Series(mm) | Min Thickness(mm) |
| 15 | 16 | 15.88 | 0.8 |
| 20 | 20 | 22.2 | 1 |
| 25 | 25.4 | 28.6 | 1 |
| 32 | 32 | 34 | 1.2 |
| 40 | 40 | 42.7 | 1.2 |
| 50 | 50.8 | 48.6 | 1.2 |
| 65 | 63.5 | 76.1 | 2 |
| 80 | 76.1 | 88.9 | 2 |
| 100 | 101.6 | 108 | 2 |



Male 90 Degree Elbow

| Size |
|-------------|
| DN15x1/2" |
| DN20x1/2" |
| DN20x3/4" |
| DN25x1/2" |
| DN25x3/4" |
| DN25x1" |
| DN32x1/2" |
| DN32x1 1/4" |
| DN40x1/2" |
| DN40x1 1/4" |
| DN40x1 1/2" |
| DN50x1/2" |
| DN50x3/4" |
| DN50x1" |
| DN50x1 1/2" |
| DN50x2" |



Male Tee

| Size |
|-------------|
| DN15x1/2" |
| DN20x1/2" |
| DN20x3/4" |
| DN25x1/2" |
| DN25x3/4" |
| DN25x1" |
| DN32x1/2" |
| DN32x1 1/4" |
| DN40x1/2" |
| DN40x1 1/4" |
| DN40x1 1/2" |
| DN50x1/2" |
| DN50x3/4" |
| DN50x1" |
| DN50x1 1/2" |
| DN50x2" |



Female Tee

| Size |
|-------------|
| DN15x1/2" |
| DN20x1/2" |
| DN20x3/4" |
| DN25x1/2" |
| DN25x3/4" |
| DN25x1" |
| DN32x1/2" |
| DN32x1 1/4" |
| DN40x1/2" |
| DN40x1 1/4" |
| DN40x1 1/2" |
| DN50x1/2" |
| DN50x3/4" |
| DN50x1" |
| DN50x1 1/2" |
| DN50x2" |



45 Degree Elbow

| Size |
|-------|
| DN15 |
| DN20 |
| DN25 |
| DN32 |
| DN40 |
| DN50 |
| DN65 |
| DN80 |
| DN100 |



90 Degree Elbow

| Size |
|-------|
| DN15 |
| DN20 |
| DN25 |
| DN32 |
| DN40 |
| DN50 |
| DN65 |
| DN80 |
| DN100 |



Equal Straight

| Size |
|-------|
| DN15 |
| DN20 |
| DN25 |
| DN32 |
| DN40 |
| DN50 |
| DN65 |
| DN80 |
| DN100 |



Equal Cross

| Size |
|-------|
| DN15 |
| DN20 |
| DN25 |
| DN32 |
| DN40 |
| DN50 |
| DN65 |
| DN80 |
| DN100 |



Cap

| Size |
|-------|
| DN15 |
| DN20 |
| DN25 |
| DN32 |
| DN40 |
| DN50 |
| DN65 |
| DN80 |
| DN100 |



Equal Tee

| Size |
|-------|
| DN15 |
| DN20 |
| DN25 |
| DN32 |
| DN40 |
| DN50 |
| DN65 |
| DN80 |
| DN100 |



Reducing Straight

| Size |
|----------|
| DN20x15 |
| DN25x15 |
| DN25x20 |
| DN32x15 |
| DN32x20 |
| DN32x25 |
| DN40x15 |
| DN40x20 |
| DN40x25 |
| DN40x32 |
| DN50x15 |
| DN50x20 |
| DN50x25 |
| DN50x32 |
| DN50x40 |
| DN65x32 |
| DN65x50 |
| DN80x50 |
| DN80x65 |
| DN100x50 |
| DN100x65 |
| DN100x80 |



Reducing Cross

| Size |
|----------|
| DN20x15 |
| DN25x15 |
| DN25x20 |
| DN32x15 |
| DN32x20 |
| DN32x25 |
| DN40x15 |
| DN40x20 |
| DN40x25 |
| DN40x32 |
| DN50x15 |
| DN50x20 |
| DN50x25 |
| DN50x32 |
| DN50x40 |
| DN65x32 |
| DN65x50 |
| DN80x50 |
| DN80x65 |
| DN100x50 |
| DN100x65 |
| DN100x80 |



Reducing Tee

| Size |
|----------|
| DN20x15 |
| DN25x15 |
| DN25x20 |
| DN32x15 |
| DN32x20 |
| DN32x25 |
| DN40x15 |
| DN40x20 |
| DN40x25 |
| DN40x32 |
| DN50x15 |
| DN50x20 |
| DN50x25 |
| DN50x32 |
| DN50x40 |
| DN65x32 |
| DN65x50 |
| DN80x50 |
| DN80x65 |
| DN100x50 |
| DN100x65 |
| DN100x80 |



Flange Joint

| Size |
|-----------|
| DN15x15 |
| DN20x20 |
| DN25x25 |
| DN32x32 |
| DN40x40 |
| DN50x50 |
| DN65x65 |
| DN80x80 |
| DN100x100 |



Female 90 Degree Elbow

| Size |
|-------------|
| DN15x1/2" |
| DN20x1/2" |
| DN20x3/4" |
| DN25x1/2" |
| DN25x3/4" |
| DN25x1" |
| DN32x1/2" |
| DN32x1 1/4" |
| DN40x1/2" |
| DN40x1 1/4" |
| DN40x1 1/2" |
| DN50x1/2" |
| DN50x3/4" |
| DN50x1" |
| DN50x1 1/2" |
| DN50x2" |



Male Joint

| Size |
|-------------|
| DN15x1/2" |
| DN20x1/2" |
| DN20x3/4" |
| DN25x1/2" |
| DN25x3/4" |
| DN25x1" |
| DN32x1/2" |
| DN32x1 1/4" |
| DN40x1/2" |
| DN40x1 1/4" |
| DN40x1 1/2" |
| DN50x1/2" |
| DN50x3/4" |
| DN50x1" |
| DN50x1 1/2" |
| DN50x2" |

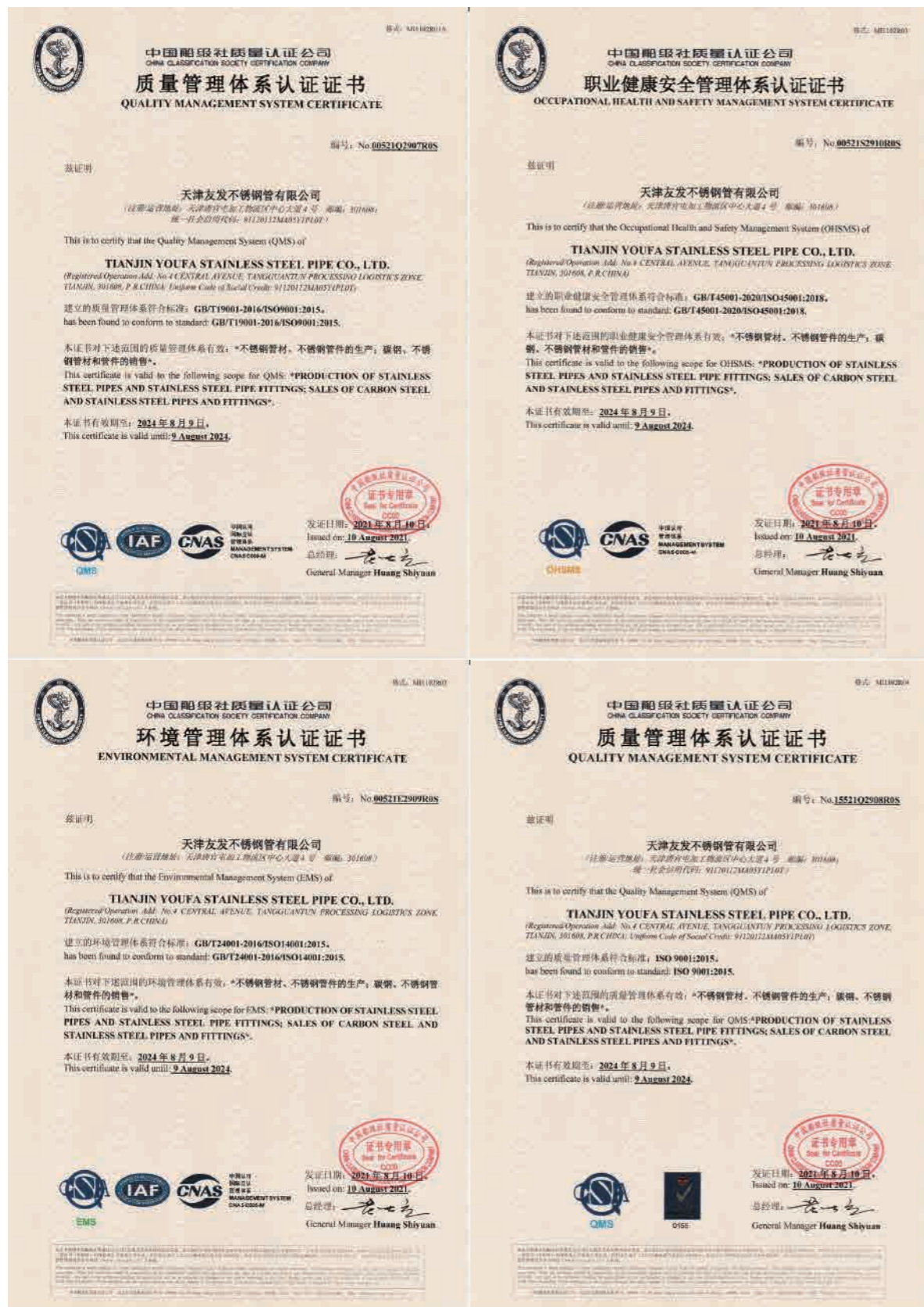
不锈钢卷板 STAINLESS STEEL COIL/SHEET

Standard: ASTM A240/A240M, ASME SA-240/SA-240M, JIS G4304, JIS G4305, JIS G4312, EN10028-7, EN10088-2



| Grade | Materials | Thickness | Surface |
|--------------------|---------------------|-----------|--------------------------|
| Austenitic | 304/304H/304L/304J1 | 0.25-40mm | 2B/BA/NO.4/8K/SB/HL/NO.1 |
| | 321 | 0.4-40mm | 2B/BA/NO.4/8K/SB/HL/NO.1 |
| | 316/316L/317L/316Ti | 0.3-40mm | 2B/BA/NO.4/8K/SB/HL/NO.1 |
| Ferrite | 430 | 0.4-3.0mm | 2B/BA/NO.4/8K/SB/HL |
| Ultra Pure Ferrite | 443 | 0.4-2.0mm | 2B |
| | 436L/439/444/441 | 0.5-3.0mm | 2B/2D |
| | 409L | 0.4-2.5mm | 2B/2D |
| Duplex Steel | 2101 | 1.5-2.5mm | 1D/NO.1/2B/2E |
| | 2304 | 3.0-30mm | 1D/NO.1/2B/2E |
| | 2205 | 0.8-40mm | 1D/NO.1/2B/2E |
| | 2507 | 1.0-40mm | 1D/NO.1/2B/2E |

证书
CERTIFICATE



All Staff of Tianjin Youfa International Trade Co., Ltd



Tianjin Youfa Steel Pipe Group Culture

- | | |
|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| <p>YOUFA'S MISSION: TO LET ITS EMPLOYEES GROW HAPPILY; TO PROMOTE THE HEALTHY DEVELOPMENT OF THE INDUSTRY.</p> | <p>友发的使命 让员工幸福成长 促进行业健康发展</p> |
| <p>YOUFA'S VISION: TO BECOME A GLOBAL EXPERT OF PIPELINE SYSTEM.</p> | <p>友发的愿景 做全球管道系统专家</p> |
| <p>YOUFA'S CORE VALUE: TO BE WIN-WIN WITH INTEGRITY POLICY; TO ADVANCE TOGETHER WITH VIRTUE FIRST.</p> | <p>友发核心价值观 共赢互利信为本 同心并进德为先</p> |
| <p>YOUFA'S SPIRIT: TO DISCIPLINE OURSELVES, BENEFIT OTHERS; COOPERATE AND FORGE AHEAD.</p> | <p>友发的精神 律己利他 合作进取</p> |