

沧州众顺钢管贸易有限公司

CANGZHOU ZHONGSHUN STEEL PIPE TRADE CO.,LTD

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众顺钢管

**ZHONG
SHUN**
STEEL PIPE

CANGZHOU ZHONGSHUN
STEEL PIPE TRADE CO.,LTD

管道/管件专业生产厂商 Pipes/Fittings professional manufacturers

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創

我们有创造的动力，创新的能力，追求完美，一丝不苟。

We have created the power,
the ability of innovation,
the pursuit of perfection, meticulous.

公司简介

沧州众顺是中国名列前茅的，快速发展中的钢管管件产品出口商。我们有10多年的行业经验，在国内和国际市场上都有业务发展。

我们的产品涵盖广泛，包括钢管，管件等产品。我们专业的销售人员和先进的生产设备和生产工艺可以帮助您选择适合您应用领域的产品，还可以为您提供免费样品进行评估，我们承诺，我们的产品都是按照行业标准生产制造。

服务的行业

我们的产品涵盖广泛，包括钢管，管件等产品，在全球范围内满足众多行业的要求，产品涵盖了以下众多行业领域：

Agriculture	Fertilizers
Oil Industries	Gas Pipe Lines
Power Generation	Specialty Chemicals
Pharmaceutical Drugs	Engineering
Automobiles	Fire Fighting
Water Pipelines	Petrochemicals
Cement	Pesticides
Core Industries	Refineries
Furniture & Fittings	Roadways/Highways
Hydro-Carbon	Construction
General Piping	

企业追求

■ **使命：** 一流的服务

■ **愿景：** 成为国际公认的出色的采购合作伙伴

■ **核心价值观：**

客户的忠诚度；客户满意度；质量专注度；持续的沟通

■ **经营理念**

我们致力于提供最高水平的客户服务，有竞争力的价格，快速的交货期和高品质的产品。我们的最终目标是您的满意。

■ **未来前景**

以客户为中心，强调优质的产品与一流的服务结合高度称职的管理指导，我们期待我们持续的发展壮大。

ABOUT US

Cangzhou ZhongShun is one of China's leading and fastest growing supplier of wide range of Steel Pipes & Steel Tubes and pipe fittings. With experience of more than ten years in the industry, Cangzhou ZhongShun has diversified business interests in the national and international market.

Cangzhou ZhongShun engaged in exporting, and supplying a wide range of Steel Pipes, Tubes, Fittings, etc. Our staff of professional sales and advanced production equipment & technology is available to help you in selecting the right products for your application as well as to provide you with samples of our products for evaluation. We ensure that the products we offer is manufactured in compliance with the set industry standards.

Industries, We Cater To

Owing to our vast range of Steel Pipes, tubes and fittings, we meet the requirements of numerous industries across the globe. Some of the industries wherein our industrial supplies are widely used include:

Agriculture	Fertilizers	Automobiles	Fire Fighting	Furniture & Fittings	Refineries
Oil Industries	Gas Pipe Lines	Water Pipelines	Petrochemicals	Hydro-Carbon	Roadways/Highways
Power Generation	Specialty Chemicals	Cement	Pesticides	General Piping	Construction
Pharmaceutical Drugs	Engineering	Core Industries			

Cangzhou ZhongShun pursuits are driven by following

Mission

>> Great Service is our mission

Vision

>> To be recognized internationally as best procurement partner

Core Values

>> Customer Loyalty

>> Customer Satisfaction

>> Commitment to Quality

>> Continuous Communication

Business Philosophy

At Cangzhou Zhongshun, we are committed to providing the highest level of customer service, competitive pricing, speedy delivery and high quality product offering. Our ultimate goal is your satisfaction.

Future Outlook

With its customer focused approach, emphasis on quality products & services combined with highly competent management to guide. We would continue looking forward to expansion and continuous growth.

螺旋钢管 Spiral steel pipe

引进美国林肯焊接设备双丝、
双面埋弧螺旋钢管机组

Introduced the United States Lincoln welding equipment double wire,
double-sided submerged arc spiral steel pipe units

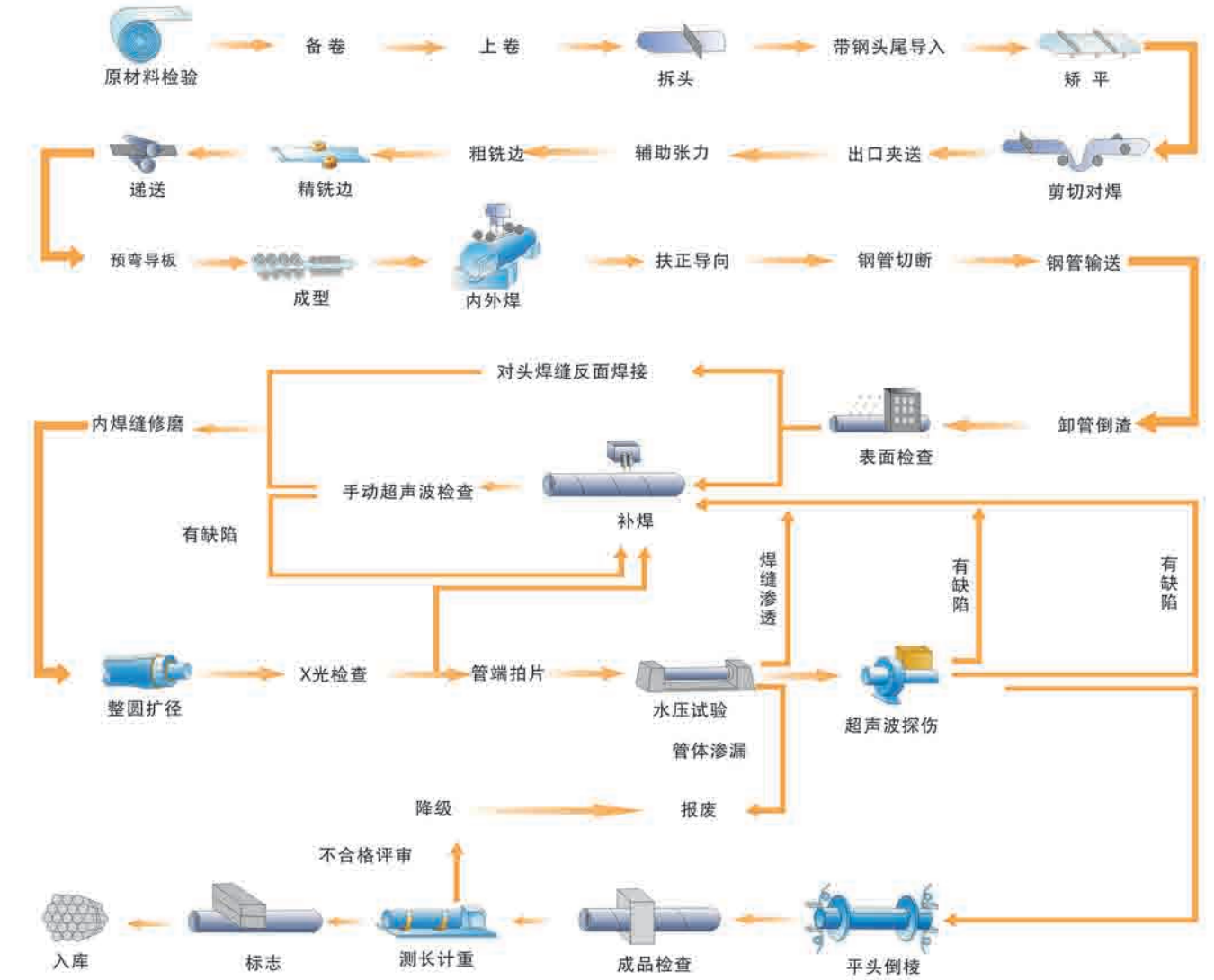
有先进的制造工艺、先进的制管设备，还必须有精湛的操作技术，才能生
产出令顾客满意的优质钢管。追求卓越品质一直是众顺人不变的理念。

With the advanced manufacturing technology, advanced pipe eq
uipment, must also have a consummate technical operation, can produce satisfac
tion to customers of high quality steel pipe. The pursuit of excellence quality has
always been the concept of the same person.



螺旋焊管生产工艺流程图

Spiral welded pipe production process flow diagram





无缝钢管 Seamless steel pipe

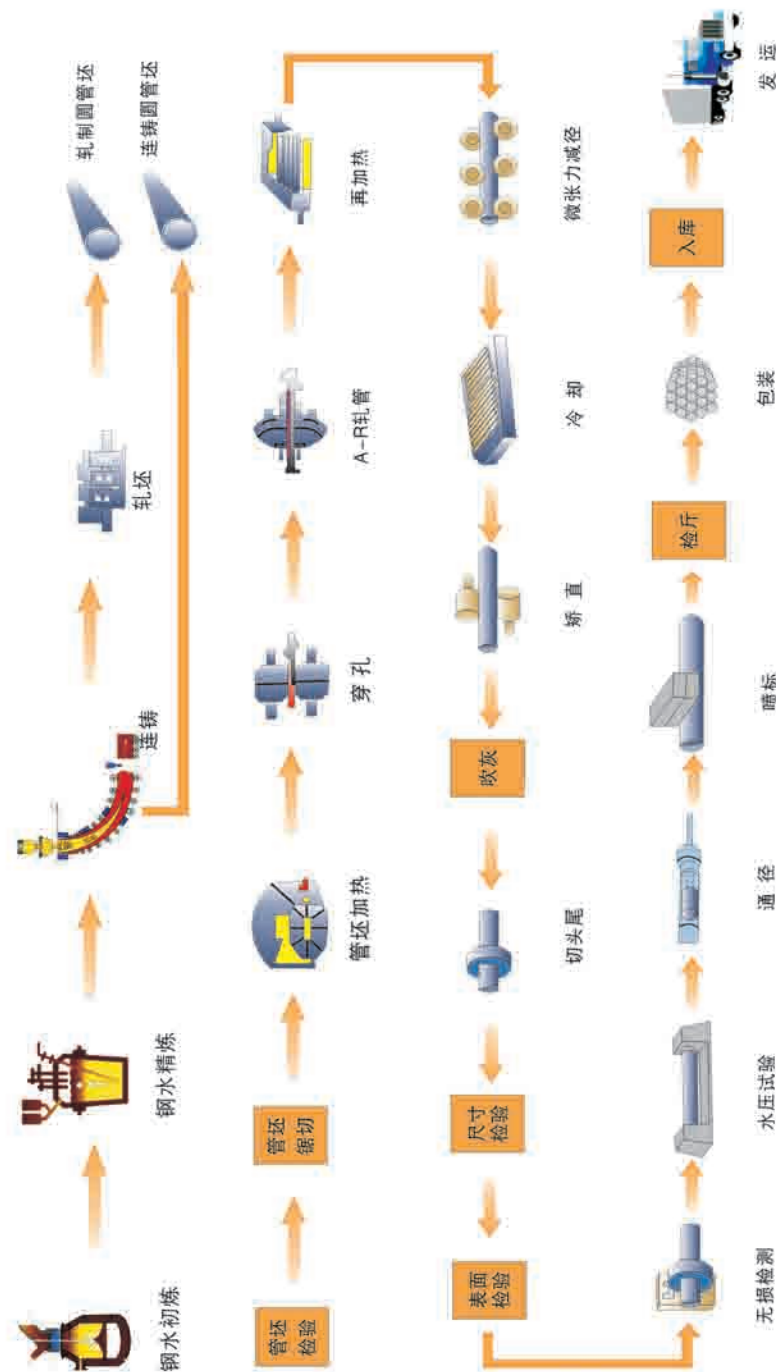
无缝钢管具有中空截面，大量用作输送流体的管道。广泛用于制造结构件和机械零件，如石油钻杆、汽车传动轴、自行车架以及建筑施工中用的钢脚手架等用钢管制造环形零件。可提高材料利用率，简化制造工序，节约材料和加工工时，如滚动轴承套圈、千斤顶套等，已广泛用钢管来制造。

Seamless steel pipe is hollow section, a large number of pipeline used for conveying fluid. Widely used in the manufacture of structural and mechanical parts, such as petroleum drill pipe, auto transmission shaft, bicycle frame and construction of steel scaffolding is used with steel pipe manufacturing annular parts. Can improve the utilization rate of materials, simplify the manufacturing process, material saving and processing time, such as rolling bearing ring, jack sets, etc., has been widely used to make steel pipe.



无缝钢管生产工艺流程图

Seamless steel tube production process flow diagram



管线用无缝钢管 Line pipe

标准 Standard:

API Spec 5L- 美国石油学会标准

GB/T9711.2-1999- 中国国家标准

用途 Uses:

用于石油、天然气工业中的氧、水、油输送管

It is used for conveying gas, water and petroleum of both the oil and natural gas industries.

尺寸公差 Tolerances on dimensions:

标准 Standard	外径公差 O D Tolerance		壁厚公差 W T Tolerance	
API Spec 5L	D < 60.3 mm	+0.41mm, -0.8 mm	+15%/-12.5%	
	D ≥ 60.3 mm	±0.75%		
GB/T9711.2	±0.5mm或±0.75%D (取较大者)		T ≤ 4	+0.6mm, -0.5mm
			4 ≤ T ≤ 25	+15%/-12.5%

力学性能 Mechanical properties:

标准 Standard	牌号 Grade	抗拉强度 Tensile strength (MPa)	屈服强度 Yield strength (MPa)	屈服比 Yield strength ratio	伸长率 (%) Elongation	0°C冲击功 Akv (J) Impact energy	热处理状态 Heat treatment ferrite
API Spec 5L PSL2	BN	415-760	245-450	≤0.80	≥22	≥40	正火
	X42N	415-760	290-795	≤0.80	≥21	≥40	正火
	X52N	460-760	360-530	≤0.85	≥20	≥40	正火
	X56N	490-760	390-545	≤0.85	≥18	≥40	正火
	X60N	520-760	415-565	≤0.85	≥18	≥40	正火
	X65Q	535-760	450-600	≤0.93	≥18	≥40	淬火+回火
	X70Q	570-760	485-635	≤0.93	≥18	≥40	淬火+回火
	X80Q	625-825	555-705	≤0.93	≥18	≥40	淬火+回火
GB/T9711.2	X42NS	415-760	290-495	≤0.93	≥21	≥40	正火
	X52NS	460-760	260-530	≤0.93	≥20	≥40	正火
	L245NB	≥415	245-440	≤0.80	≥22	≥40	正火
	L290NB	≥415	290-440	≤0.80	≥21	≥40	正火
GB/T9711.2	L360NB	≥460	360-510	≤0.85	≥20	≥40	正火
	L415NB	≥520	415-465	≤0.85	≥18	≥40	正火

化学成分 Chemical composition(%):

标准 Standard	牌号 Grade	C	Si	Mn	P	S	V	Nb	Ti	CEV (%)
API Spec 5L PSL2	BN	≤0.24	≤0.40	≤1.20	≤0.025	≤0.15	-	-	-	≤0.43
	X42N	≤0.24	≤0.40	≤1.20	≤0.025	≤0.15	-	-	≤0.04	≤0.43
	X52N	≤0.24	≤0.45	≤1.40	≤0.025	≤0.15	-	-	≤0.04	≤0.43
	X56N	≤0.24	≤0.45	≤1.40	≤0.025	≤0.15	-	-	≤0.04	≤0.43
	X60N	≤0.24	≤0.45	≤1.40	≤0.025	≤0.15	-	-	≤0.04	协议
	X65Q、X70Q、X80Q	≤0.18	≤0.45	≤1.70	≤0.025	≤0.15	-	-	≤0.06	≤0.43
GB/T9711.2	X42NS	≤0.14	≤0.40	≤1.35	≤0.020	≤0.03	≤0.05	≤0.05	≤0.04	≤0.36
	X52NS	≤0.16	≤0.45	≤1.65	≤0.020	≤0.03	≤0.10	≤0.05	≤0.04	≤0.43
	L245NB	≤0.16	≤0.40	≤1.10	≤0.025	≤0.20	-	-	-	≤0.42
	L290NB	≤0.17	≤0.40	≤1.20	≤0.025	≤0.20	≤0.05	≤0.05	≤0.04	≤0.42
	L360NB	≤0.20	≤0.45	≤1.60	≤0.025	≤0.20	≤0.10	≤0.05	≤0.04	≤0.45
L415NB	≤0.21	≤0.45	≤1.60	≤0.025	≤0.20	≤0.15	≤0.05	≤0.04	协议	

注 Note:

1.0.015% ≤ Al_{tot} < 0.06%; N ≤ 0.012%; Al/N ≥ 2/1; Cu ≤ 0.25%; Ni ≤ 0.30%; Cr ≤ 0.30%; Mo ≤ 0.10%

2.V+Nb+Ti ≤ 0.15%





标准 Standard:
GB18248- 中国国家标准
ASTM A519- 美国材料与试验学会标准
用途 Uses:
用于制造气瓶用大小口径无缝钢管
Manufacturing gas cylinder

气瓶用无缝钢管 Gas Cylinder

尺寸公差 Tolerances on dimensions:

标准 Standard	外径公差 O D Tolerance	壁厚公差 W T Tolerance
GB18248	±1.0%	+15%,-10%
ASTM A519	±1.0%	+15%,-10%

力学性能 Mechanical properties:

标准 Standard	牌号 Grade	抗拉强度 Tensile strength (MPa)	屈服强度 Yield strength (MPa)	屈服比 Yield strength ratio	伸长率 (%) Elongation	冲击功 Impact energy	硬度 Hardness
ASTM A519	4130X	725-865	485-735	≤0.85	≥20	-40℃≥40	195-269HB
GB18248	37Mn	≥750	≥630	-	≥16	≥55	-
GB18248	30CrMo	≥930	≥785	-	≥12	≥63	-
GB18248	34Mn2V	≥745	≥530	-	≥16	≥55	-
GB18248	35CrMo	≥980	≥835	-	≥12	≥63	-

化学成分 Chemical composition(%):

标准 Standard	牌号 Grade	化学成分 (%) Chemical composition (%)									
		C	Si	Mn	P	S	Cr	Ni	Cu	Mo	V
ASTM A519	4130X	0.25-0.35	0.15-0.35	0.40-0.90	≤0.020	≤0.010	0.80-1.10	≤0.25	≤0.20	0.15-0.25	≤0.08
GB18248	37Mn	0.34-0.40	0.10-0.30	1.35-1.65	≤0.025	≤0.020	≤0.30	≤0.30	≤0.20	-	-
GB18248	30CrMo	0.26-0.34	0.17-0.37	0.40-0.70	≤0.025	≤0.020	0.80-1.10	≤0.30	≤0.20	0.15-0.25	-
GB18248	34Mn2V	0.30-0.37	0.17-0.37	1.40-1.75	≤0.025	≤0.020	≤0.30	≤0.30	≤0.20	-	0.07-0.12
GB18248	35CrMo	0.362-0.40	0.17-0.37	0.40-0.70	≤0.025	≤0.020	0.80-1.10	≤0.30	≤0.20	0.15-0.25	-

化学成分 Chemical composition(%):

NO.	OD	WT
1	60-127	3.5/4/4.5/5/5.5/6/7
3	140(139.7)	4.5/5.0/8
4	219	6.3/6.5/7.3
5	229	6.3/7.0
6	232	6
7	559	16.8/17.2/17.8/21

注: 经协商, 也可供其它规格的钢管

Note: Other size can also be provided after consulting with customer



标准 Standard:
EN10210/10297- 欧洲标准
用途 Uses:
用于机械加工用大口径无缝钢管
for mechanical applications

机械加工用无缝钢管 Hot-rolled seamless pipes for mechanical applications

尺寸公差 Tolerances on dimensions:

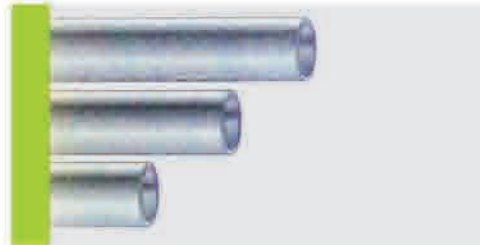
标准 Standard	外径公差 O D Tolerance	壁厚公差 W T Tolerance
EN10210	±1.0%	-10%

力学性能 Mechanical properties:

标准 Standard	牌号 Grade	抗拉强度 Tensile strength (MPa)	屈服强度 Yield strength(MPa)		伸长率 (%) Elongation		冲击功 (J) Impact energy
			WT:16-40mm	WT:40-65mm	纵向	横向	
EN10210	S235JRH	340-470	≥225	≥215	≥25	≥23	≥27
EN10210	S275JOH	410-560	≥265	≥255	≥21	≥19	≥27
EN10210	S275J2H	410-560	≥265	≥255	≥21	≥19	-20℃≥27
EN10210	S355JOH	490-630	≥345	≥335	≥21	≥19	≥27
EN10210	S355J2H	490-630	≥345	≥335	≥21	≥19	-20℃≥27

化学成分 Chemical composition(%):

标准 Standard	牌号 Grade	化学成分 (%) Chemical composition (%)					
		C	Si	Mn	P	S	N
EN10210	S235JRH	≤0.20	-	≤1.40	≤0.045	≤0.045	≤0.009
EN10210	S275JOH	≤0.22	-	≤1.50	≤0.040	≤0.040	≤0.009
EN10210	S275J2H	≤0.22	-	≤1.50	≤0.035	≤0.035	-
EN10210	S355JOH	≤0.22	≤0.55	≤1.60	≤0.040	≤0.040	≤0.009
EN10210	S355J2H	≤0.22	≤0.55	≤1.60	≤0.035	≤0.035	-



标准 Standard:
GB9948- 中国国家标准
用途 Uses:
用于石油、精炼厂的炉管、热交换器管和管道用无缝钢管。
For manufacture of furnace tubes, heat exchangers and pipelines in refineries.

石油裂化用无缝钢管 Cracking pipe

尺寸公差 Tolerances on dimensions:

种类 Variety	钢管尺寸 / Size	允许偏差 / Tolerances	
冷拔管 Hard-drawn	外径/OD	14-30mm	±0.2mm
		30-50mm	±0.3mm
		>50mm	±0.75%
	壁厚/WT	≤3mm	12.50%
		>3mm	-10%

力学性能 Mechanical properties:

标准 Standard	牌号 Grade	抗拉强度 Tensile strength (MPa)	屈服强度 Yield strength (MPa)	伸长率 (%) Elongation	冲击功 Impact energy	布氏硬度 (HB) Impact energy	交货状态 Delivery condition
GB9948	10	335-475	≥205	≥25	≥35	-40℃≥40	正火
	20	410-550	≥245	≥24	≥35	≥55	正火
	12CrMo	410-560	≥205	≥21	≥35	≥63	正火加回火
	15CrMo	440-640	≥235	≥21	≥35	≥55	正火加回火
	1Cr5Mo	390-590	≥195	≥22	≥35	≥63	正火

化学成分 Chemical composition(%):

标准 Standard	牌号 Grade	C	Mn	Si	Cr	Mo	Ni	P	S
GB9948	10	0.07-0.13	0.35-0.65	0.17-0.37	≤0.15	-	≤0.25	≤0.030	≤0.20
	20	0.17-0.23	0.35-0.65	0.17-0.37	≤0.25	-	≤0.25	≤0.030	≤0.20
	12CrMo	0.08-0.15	0.40-0.70	0.17-0.37	0.40-0.70	0.40-0.55	≤0.30	≤0.030	≤0.20
	15CrMo	0.12-0.18	0.40-0.70	0.17-0.37	0.80-1.10	0.40-0.55	≤0.30	≤0.030	≤0.20
	1Cr5Mo	≤0.15	≤0.60	≤0.50	4.00-6.00	0.45-0.60	≤0.60	≤0.030	≤0.20



标准 Standard:
GB6479- 中国国家标准
用途 Uses:
用于制造高压化肥设备和管道用无缝钢管。
For manufacture of high-pressure chemical fertilizer equipments and refineries.

高压化肥设备用无缝钢管 Pipes for high-pressure chemical fertilizer equipments

尺寸公差 Tolerances on dimensions:

钢管尺寸 / Size	允许偏差 / Tolerances	
	普通级	高级
外径 OD	14-30mm	±0.20mm
	30-50mm	±0.30mm
	>50mm	±0.75%
壁厚 WT	≤3mm	12.50%
	>3mm	-10%

力学性能 Mechanical properties:

标准 Standard	牌号 Grade	抗拉强度 Tensile strength (MPa)	屈服强度 Yield strength (MPa)	伸长率 (%) Elongation	冲击功 Impact energy	低温冲击 Akv
GB6479	10	335-490	≥205	≥24	-	-20℃≥18
	20	410-550	≥245	≥24	≥39	-20℃≥18
	16Mn	490-670	≥320	≥21	≥47	-40℃≥21
	15CrMo	440-640	≥235	≥21	≥47	-
	1Cr5Mo	390-590	≥195	≥22	≥94	-
	12Cr2Mo	450-600	≥280	≥20	≥38	-

化学成分 Chemical composition(%):

标准 Standard	牌号 Grade	C	Si	Mn	P	S	Cr	Mo	Ni
GB6479	10	0.07-0.14	0.17-0.37	0.35-0.65	≤0.030	≤0.030	-	-	-
	20	0.17-0.24	0.17-0.37	0.35-0.65	≤0.030	≤0.030	-	-	-
	16Mn	0.12-0.20	0.20-0.60	1.20-1.60	≤0.030	≤0.030	-	-	-
	15CrMo	0.12-0.18	0.17-0.37	0.40-0.70	≤0.030	≤0.030	0.80-1.10	0.40-0.55	-
	1Cr5Mo	≤0.15	≤0.50	≤0.60	≤0.030	≤0.030	4.00-6.00	0.45-0.60	≤0.60
	12Cr2Mo	0.08-0.15	≤0.50	0.40-0.70	≤0.030	≤0.030	2.0-2.50	0.90-1.20	-

直缝钢管 Straight seam steel pipe

ERW直缝钢管生产线

ERW straight seam steel pipe production line

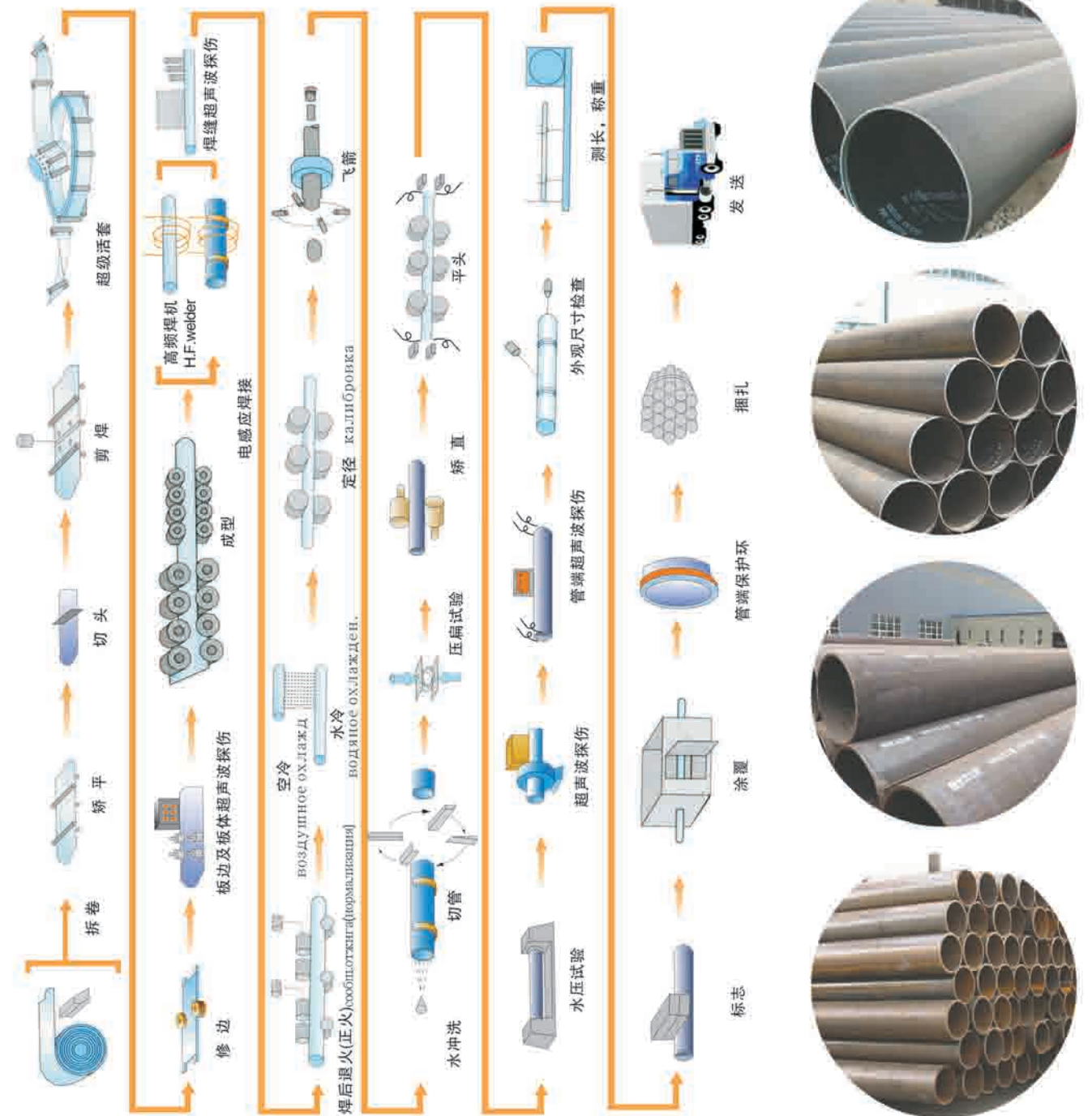
引进美国、德国先进的自动焊设备，具有科技含量高、生产工艺技术先进等特点。

The introduction of advanced automatic welding equipment, the United States, Germany, with high content of science and technology, advanced production technology, etc.



直缝钢管生产工艺流程图

Straight seam steel pipe production process flow diagram



防腐管道 Anticorrosion pipeline

防腐钢管是指经过防腐工艺加工处理，可有效防止或减缓在运输与使用过程中发生化学或电化学反应发生腐蚀现象的钢制管道。

Anti-corrosion steel pipe refers to the antiseptic technology processing, which can effectively prevent or slow down in the transport and use of chemical or electrochemical reaction occurred in the process of corrosion phenomenon of steel pipe.



设备、管道防腐工艺流程

基面处理 → 调配涂料 → 刷中间漆 → 刷或喷涂施工 → 养护

沥青防腐层施工工艺流程

沥青底漆的配制 → 调制沥青马蹄脂 → 除锈 → 冷底子油 → 沥青 → 包布 → 沥青 → 包布 → 沥青

环氧煤沥青防腐层施工工艺流程

除锈 → 涂料调制 → 涂刷底漆 → 涂刷面漆 → 缠玻璃丝布 → 涂刷面漆 → 缠玻璃丝布 → 涂刷面漆 → 电火花检测

Equipment, pipeline corrosion process

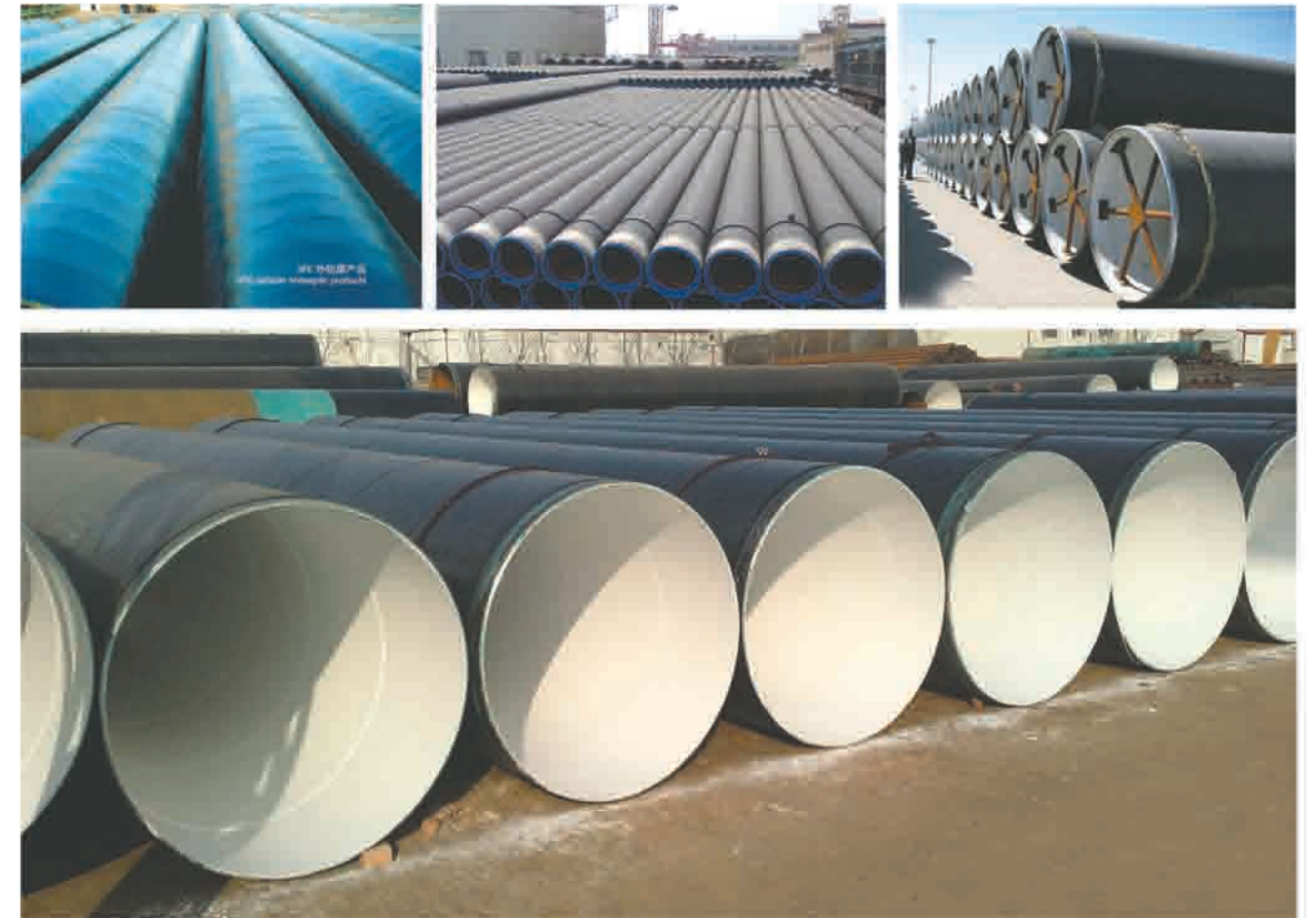
Base processing → Deployment of coating → Brush intermediate paint → Brush or spray construction → maintenance

Construction of asphalt anticorrosive coating process

The configuration of the bituminous primer → Horseshoe lipid modulation asphalt → derusting → Cold priming oil → asphalt → cloth → asphalt → cloth → asphalt

Epoxy coal asphalt coating construction process

derusting → Coating modulation → Besmear brushes paint → Besmear brushes paint → Wrapped glass cloth → Besmear brushes paint → Wrapped glass cloth → Besmear brushes paint → Electric spark testing



PE管 PE pipe

PE是聚乙烯塑料，最基础的一种塑料，塑料袋、保鲜膜等都是PE,HDPE是一种结晶度高、非极性的热塑性树脂。原态HDPE的外表呈乳白色，在微薄截面呈一定程度的半透明状。PE具有优良的耐大多数生活和工业用化学品的特性。

PE is polyethylene plastic, the most basic kind of plastic, such as plastic bags, plastic wrap is PE, HDPE is a kind of high crystallinity, nonpolar thermoplastic resin. Square one HDPE appearance has milk-white, in a small cross section in a certain degree of translucent. PE has excellent resistance to most of the life and the characteristics of industrial chemicals.

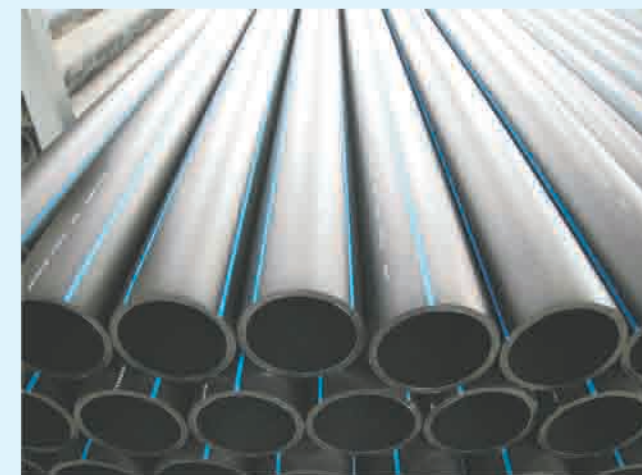


Product features

- 良好的卫生性能：PE管加工时不添加重金属盐稳定剂，材质无毒性，无结垢层，不滋生细菌，很好地解决了城市饮用水的二次污染。
- 卓越的耐腐蚀性能：除少数强氧化剂外，可耐多种化学介质的侵蚀；无电化学腐蚀。
- 长久的使用寿命：在额定温度、压力状况下，PE管道可安全使用50年以上。
- 较好的耐冲击性：PE管韧性好，耐冲击强度高，重物直接压过管道，不会导致管道破裂。
- 可靠的连接性能：PE管热熔或电熔接口的强度高于管材本体，接缝不会由于土壤移动或活载荷的作用断开。
- 良好的施工性能：管道质轻，焊接工艺简单，施工方便，工程综合造价低。

Equipment, pipeline corrosion process

- good hygienic properties: PE pipe processing without adding heavy metal salt stabilizers, material of non-toxic, no fouling layer, not breed bacteria, well solved the city the secondary pollution of drinking water.
- excellent corrosion resistance: except a few strong oxidizer, resistant to various chemical media; No electrochemical corrosion.
- long service life: under rated temperature and pressure conditions, PE pipe is safe to use more than 50 years.
- a better resistance to impact, PE tube good toughness, high resistance to impact strength, heavy pressure piping directly, will not lead to a broken line.
- reliable connection performance: PE pipe hot melt or fused interface strength is higher than the pipe body, joint will not move due to soil or the role of live load disconnect.
- good construction performance: light pipe, welding process is simple, convenient construction, low comprehensive cost.





4000吨压力机
4000 tons of press



大型弯头推制机
Large elbow making machine



中频弯管机
Intermediate frequency pipe bender



锯床
Sawing machine



管件电动坡口机
Fitting electric groove machine



管件电动坡口机
Fitting electric groove machine



冷推不锈钢
Cold pushing stainless steel



法兰锻制
Flange forging

石油套管 Oil casing

石油套管是一种大口径管材，起到固定石油和天然气油井壁或井孔的作用。套管是插入井孔里，用水泥固定，以防止井眼隔开岩层和井眼坍塌、并保证钻探泥浆循环流动，以便于钻探开采。

石油套管的钢级：H40, J55, K55, N80, L80, C90, T95, P110, Q125, V150等。套管端部加工形式：短圆螺纹，长圆螺纹，偏梯形螺纹，特殊扣等。用于石油井钻探主要用于钻井过程中和完井后对井壁的支撑，以保证钻井过程的进行和完井后整个油井的正常运行。

Square tube is a hollow square cross section light thin wall steel tube, also known as refrigeration bending steel profiles. It is based on Q235 hot rolled or cold rolled steel strip or rolled plate parent metal by cold bending forming by high frequency welding again after made of square cross section shape, the size of the steel. Hot rolled, thick-walled square tube in addition to outside in the thickness of the wall thickness, the size and edge Angle straightness achieves even exceed the level of the resistance welding cold forming square tube. Good comprehensive mechanical performance, weldability, cold and hot working performance and corrosion resistance are good, good low temperature toughness.

The purpose of the square tube construction, machinery manufacturing, steel construction projects, shipbuilding, solar power stents, steel structure engineering, power engineering, power plants, agricultural and chemical machinery, glass curtain wall, automobile chassis, airport, the boiler construction, highway railings, housing construction, pressure vessel, oil tank, bridge, power station equipment, lifting transportation machinery and other high load of welded structure, etc.



钻杆 Drill pipe



方形钢管 Square Steel Pipes

We are manufacturing and exporting Square Steel Pipes, Square Steel Sections and Square Hollow Section Tubes as per customer's requirement with anti rust oil coating from inside & outside of the tubes to ensure safe delivery to end customers.

We have developed our core competence in the manufacturing and supplying of high quality hollow sections that are engineered according to the specifications of our clients. Product innovation and quality control has helped us meet the ever expanding demands of the industry.

The use of steel tubular sections provides for strong, light and profitable structures and as a result offer a host of possibilities in terms of application (expressive capacity). The use of these products also facilitates designs with a greater aesthetic appeal.

Square Steel Pipes and Tubes RHS/SHS can be supplied to IS-4963 / 1968 specifications range from 0.80 MM to 1.20 MM to maximum of 4.00 MM to 6.00 MM wall thickness for Square Hollow Sections & range from 0.80 MM to 1.20 MM to maximum of 4.00 MM to 6.00 MM wall thickness for Square Steel Sections. The Tubes Division has also been awarded the prestigious ISO-9001:2001 certification.

Square Pipes & Tubes / Square Pipes & Tubes / Square Steel Pipes Application Areas

Our range of fencing tubes is available in a variety of dimensions and can also be customized as per the client's requirement. Square Pipes & Tubes / Rectangular Pipes & Tubes / Hollow Section have a wide application in:

Sizes other than mentioned above can also be produced upon customers requirements.

Square Steel Pipes and tubes are used in different industrial applications. These are used for accomplishing different purposes. The common areas, where these rectangular pipes and tubes are used are: supermarket racks, container fabrication, auto fabrication, motor cycles, doors and windows, industrial plant structure, bicycles, furniture etc. There are several guidelines for defining the rectangular pipes and tubes. These guidelines are length, width, height, welding gap, radius, diameter etc. According to the nature of the requirements, the size of the rectangular steel pipes and tubes can be altered. The thinner or the slimmer tubes are used for developing structures and frames. The seamless Square pipes can resist more pressure than the welded seam pipes.

Due to its versatility the rectangular tubes are commonly used in various segments. For structure building or house construction, the rectangular steel pipes are used as beams. The rectangular steel tubing needs to be constructed in an assembled way for rigidity. Nowadays for a better rigidity, a rectangular steel tubing are mixed or bonded with fiberglass.



矩形管 Rectangular Tube

We are manufacturing and exporting Rectangular Hollow Sections, Rectangular Hollow Steel Sections and Rectangular Hollow Section Tubes as per customer's requirement with anti rust oil coating from inside & outside of the tubes to ensure safe delivery to end customers.

We have developed our core competence in the manufacturing and supplying of high quality hollow sections that are engineered according to the specifications of our clients. Product innovation and quality control has helped us meet the ever expanding demands of the industry.

The use of steel tubular sections provides for strong, light and profitable structures and as a result offer a host of possibilities in terms of application (expressive capacity). The use of these products also facilitates designs with a greater aesthetic appeal.

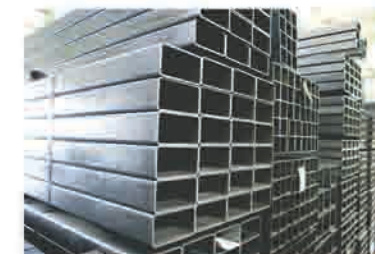
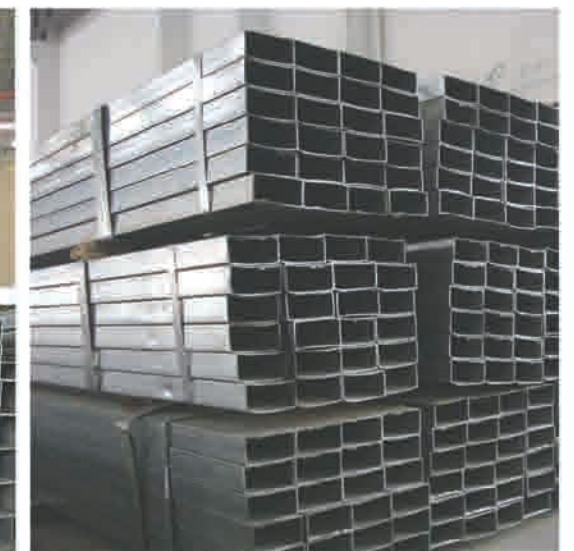
Square and Rectangular Steel Hollow Structural. RHS/SHS can be supplied to IS-4963 / 1968 specifications range from 0.80 MM to 1.20 MM to maximum of 4.00 MM to 6.00 MM wall thickness for Square Hollow Sections & range from 0.80 MM to 1.20 MM to maximum of 4.00 MM to 6.00 MM wall thickness for Rectangular Hollow Sections. The Tubes Division has also been awarded the prestigious ISO-9001:2001 certification.

Application Areas

Our range of fencing tubes is available in a variety of dimensions and can also be customized as per the client's requirement. Square Pipes & Tubes / Rectangular Pipes & Tubes / Hollow Section have a wide application in:

Rectangular steel pipes and tubes are used in different industrial applications. These are used for accomplishing different purposes. The common areas, where these rectangular pipes and tubes are used are: supermarket racks, container fabrication, auto fabrication, motor cycles, doors and windows, industrial plant structure, bicycles, furniture etc. There are several guidelines for defining the rectangular pipes and tubes. These guidelines are length, width, height, welding gap, radius, diameter etc. According to the nature of the requirements, the size of the rectangular steel pipes and tubes can be altered. The thinner or the slimmer tubes are used for developing structures and frames. The seamless rectangular pipes can resist more pressure than the welded seam pipes.

Due to its versatility the rectangular tubes are commonly used in various segments. For structure building or house construction, the rectangular steel pipes are used as beams. The rectangular steel tubing needs to be constructed in an assembled way for rigidity. Nowadays for a better rigidity, a rectangular steel tubing are mixed or bonded with fiberglass.



镀锌管 Galvanized Pipe



镀锌管，又称镀锌钢管，分热镀锌和电镀锌两种，热镀锌镀锌层厚，具有镀层均匀，附着力强，使用寿命长等优点。电镀锌成本低，表面不是很光滑，其本身的耐腐蚀性比热镀锌管差很多。

主要用于输送煤气、暖气。

Galvanized pipe, also called galvanized steel pipe, hot dip galvanized and two kinds of galvanized, hot dip galvanized zinc layer thickness, coating uniformity, strong adhesion, long service life, etc. Electric galvanized the cost is low, the surface is not very smooth, its corrosion resistance than galvanized pipe.

Mainly used for conveying gas, heating.



不锈钢管 Stainless steel pipe

不锈钢管主要广泛用于石油、化工、医疗、食品、轻工、机械仪表等工业输送管道以及机械结构部件等。

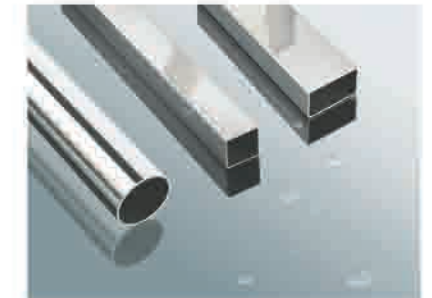
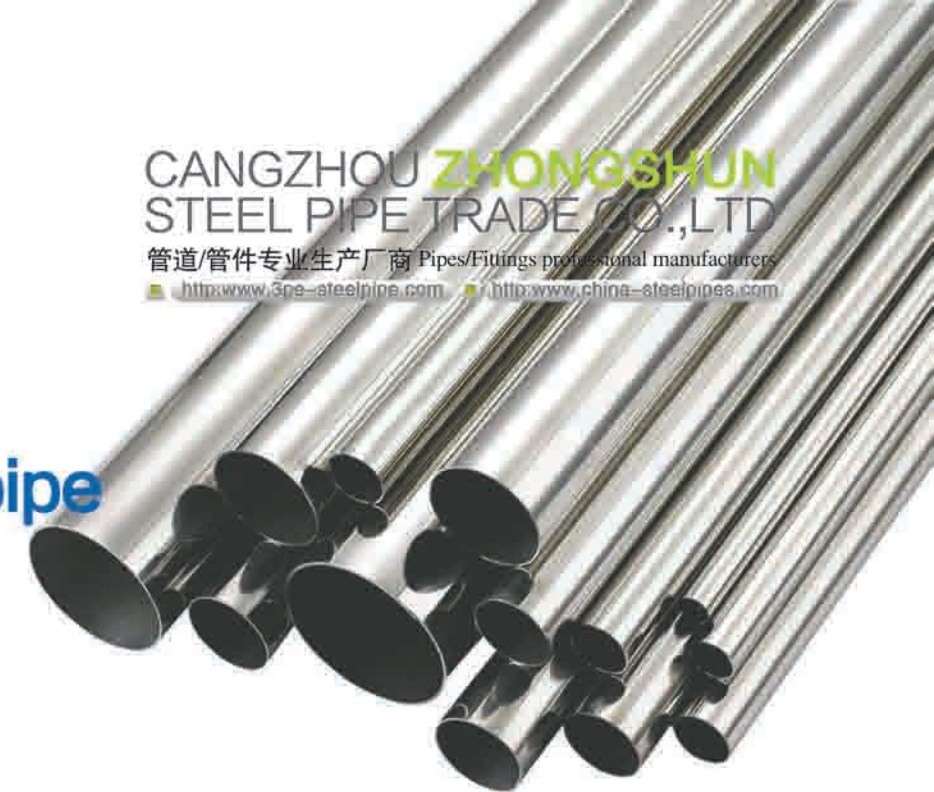
不锈钢管执行标准

- GB2270-80 不锈钢无缝钢管
- GB/T14976-94 流体输送用不锈钢管
- GB/T14975-2002 结构用不锈钢管
- GB/T14976-2002 输送流体用不锈钢管
- GB13296-91 锅炉管、热交换器用不锈钢管
- GB3090-82 小直径不锈钢钢管
- GB9948-2006石油裂化管
- ASTM A312 奥氏体不锈钢无缝钢管焊接钢管焊管
- ASTM A789 一般要求碳素体奥氏体不锈钢无缝钢管和焊接钢管
- JIS G3456-88 机械结构用不锈钢管
- JIS G3448-88 普通管道用不锈钢管
- JIS G3459-88 管道用不锈钢管
- JIS G3463-88 锅炉、热交换器用不锈钢管
- (0Cr18Ni11T) Q/HYAD Cr18Ni5MO3Si2双相不锈钢无缝钢管

Stainless steel major steel pipe is widely used in petroleum, chemical, medical, food, light industry, machinery, instrument, such as industrial pipeline and mechanical structure parts, etc.

Stainless steel pipe standards

- GB2270-80 stainless steel seamless steel tube
- GB/T14976-94 fluid conveying pipe of stainless steel
- GB/T14975-2002 stainless steel tube structure
- GB/T14976-2002 with stainless steel pipe conveying fluid
- GB13296-91 boiler tube, stainless steel tubes for heat exchanger
- GB3090-82 small diameter stainless steel pipe
- Petroleum cracking tube GB9948-2006
- ASTM A312 austenitic stainless steel seamless pipe welded steel pipe welded pipe
- ASTM A789 general requirements carbon austenitic stainless steel seamless pipe and welded steel pipe
- JIS G3456-88 mechanical structure with stainless steel pipe
- JIS G3448-88 ordinary pipe with stainless steel pipe
- JIS G3459-88 pipe with stainless steel pipe
- JIS G3463-88 boiler, stainless steel tubes for heat exchanger
- (0 cr18ni11t) Q/HYAD Cr18Ni5MO3Si2 duplex stainless steel seamless steel tube



高压合金管 High-pressure alloy pipe

高压合金管规格: 16X3-480X50

高压合金管标准:

GB3087 —— 中国国家标准

GB5310 —— 中国国家标准

ASME SA210 —— 美国锅炉及压力容器规范

ASME SA213 —— 美国锅炉及压力容器规范

DIN17175 —— 联邦德国工业标准

高压合金管用途:

用于低中压锅炉(工作压力一般不大于5.88Mpa,工作温度在450℃以下)的受热面管子;用于高压锅炉(工作压力一般在9.8Mpa以上,工作温度在450℃~650℃之间)的受热面管子、省煤器、过热器、再热器、石化工业用管等



High-pressure alloy pipe specification: 16 x50 x3-480

High-pressure alloy pipe standards:

GB3087 - China national standards

National standard GB5310 - China

SA210 ASME boiler and pressure vessel code - the United States

ASME boiler and pressure vessel code SA213 - the United States

DIN17175 - federal German industrial standards

High-pressure alloy pipe application:

Low to medium pressure boiler (working pressure is generally not more than 5.88 Mpa, working temperature below 450 °C) of the heating surface pipe; Used for high pressure boiler (working pressure generally above 9.8 Mpa, working temperature between 450 °C ~ 650 °C) of the heating surface pipe, economizer, superheater, reheater tube, petrochemical industry, etc



混凝土输送泵管道 Concrete Pump pipe

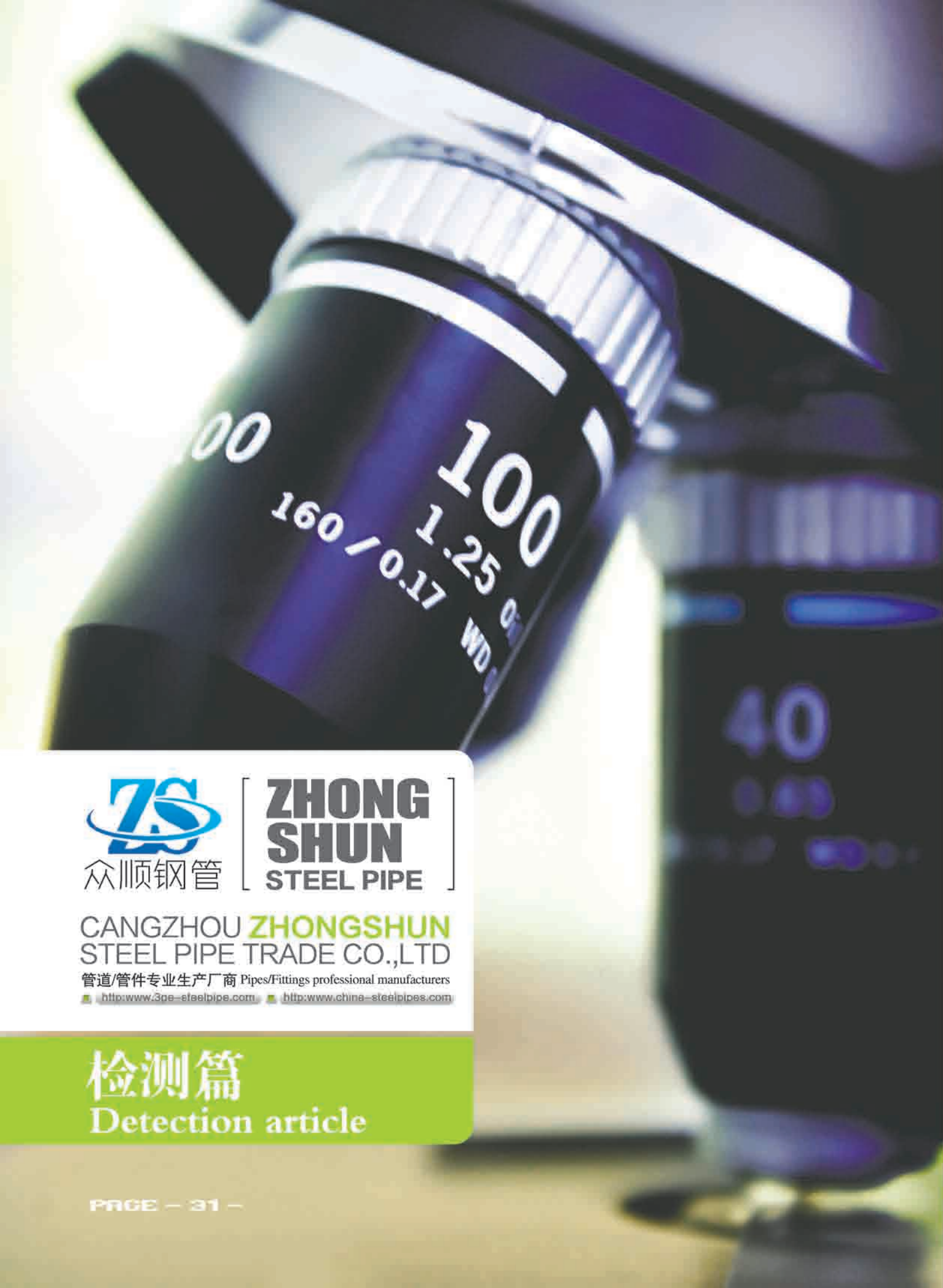
泵管一般分为125和150和80三种,而这两种又各有高压和低压之分。125型泵管的低压型号为外径是Φ133的管道,高压为外径是Φ140的管道;150型的泵管的低压型号为外径是Φ159的管道,高压为外径是Φ168的管道。泵管的管头是经过特殊加工的管接头,通过焊接与管体连接,每根管道的连接则是通过精铸工艺加工而成的管卡来连接。

泵管按照使用范围又分为车泵管和地泵管两种,车泵管包括臂架管、铰链弯头、异径管及弯管,采用铸钢铸造而成,直管材质为45mn2。地泵管则为普通20#碳钢,由流体管或直缝管,加工而成。

Pump pipe generally divided into 125 and 150 and 80 three, and both have high pressure and low pressure. 125 type pump pipe of low pressure model for the outer diameter is Φ 133 pipes, high pressure pipe diameter is Φ 140; 150 type pump pipe of low pressure model for the outer diameter is Φ 159 pipes, high pressure pipe diameter is Φ 168. Pump pipe pipe head tube joint is through special processing, through welding and pipe connection, each pipe connection is through the process of the precision tube card to connect to.

Pump pipe according to the using range and divided into car pump pipe and pump pipe, two car pump pipe including arm tube, hinged elbow, reducer and bend, the cast steel casting and become, straight tube is made of 45 mn2. Owing to it is ordinary 20 # carbon steel by fluid pipe and straight seam pipe, processing and into.





众顺钢管

**ZHONG
SHUN**
STEEL PIPE

CANGZHOU **ZHONGSHUN**
STEEL PIPE TRADE CO.,LTD

管道/管件专业生产厂商 Pipes/Fittings professional manufacturers

<http://www.3pe-efalpipe.com> <http://www.china-steelpipes.com>

检测篇

Detection article

先进的检测设备

ADVANCED TESTING EQUIPMENT

质量的保证以先进的检测技术作后盾。公司在引进先进生产设备的同时，引进了一系列的精密检测仪器和装备，公司实行原材料检验、过程检验（全员自检、检验员抽检、班组工艺复检）、入库产品抽检的三级检验制度，对产品质量实行严格控制。

Quality assurance with advanced testing technology behind it. Company to introduce advanced production equipment at the same time, the introduction of a series of precision testing instrument and equipment, the company implement raw material inspection, process inspection (full self-checking, inspectors sampling observation, team process review), storage product sampling level 3 inspection system, strict control the quality of product.



先进的检测设备

ADVANCED TESTING EQUIPMENT

公司为确保产品质量与合格产品出厂，投巨资配置了一系列产品检测设备：如X光工业电视、在线超声波探伤仪/水压试验机/金相试验机/拉伸试验机等，建立了检测中心/理化试验中心等，这些精密的检验设备，保证了合格产品的出厂。

Company to ensure product quality and qualified products factory, spend large sum of money to configure a series of product testing equipment, such as X-ray industrial television, online ultrasonic flaw detector/hydraulic tester/metallographic testing machine, tensile testing machine and so on, established the testing center/physical and chemical testing center, the precision of the test equipment, guarantee the qualified products factory.



硬度检测
Hardness testing



X光射线探伤
X-ray flaw detection



超声波探伤
Ultrasonic flaw detection



便携式直读光谱仪
Portable direct reading spectrometer



全谱直读火花光谱
Full spectrum direct reading spark spectrum



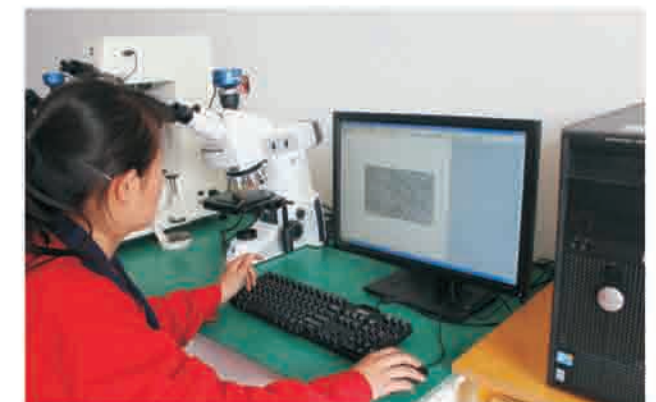
HQ-4B智能碳硫分析仪
HQ-4 b intelligent carbon sulfur analyzer



JB-300摆 锤式冲击试验机
JB-300 pendulum impact testing machine



M250磨床
M250 grinding machine



金相显微镜
Metallographic microscope

High pressure elbow series

高压弯头系列



High pressure tee series

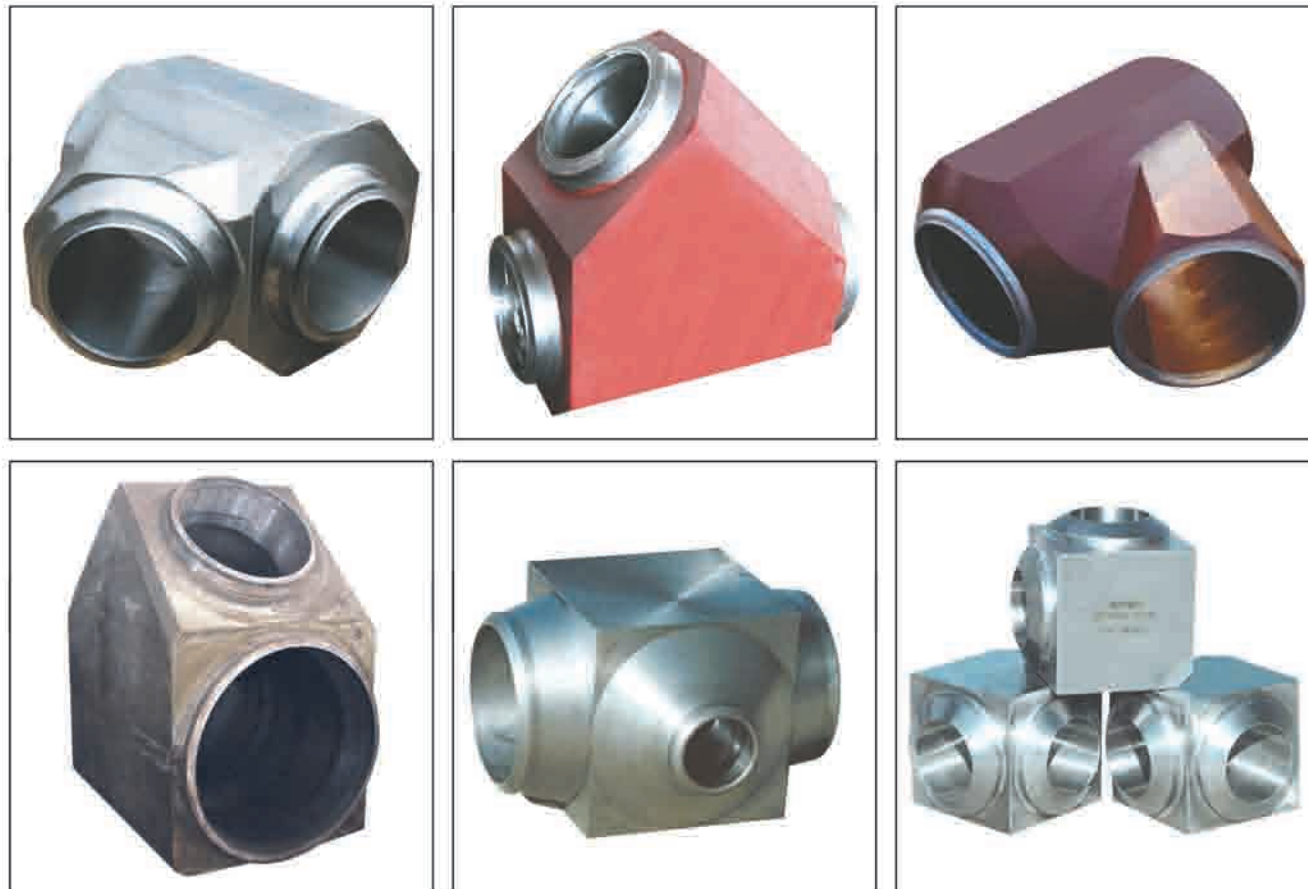
高压三通系列



High pressure forging series

高压锻件系列

- 船用锻件分为三大类，主机锻件、轴系锻件和舵系锻件。主机锻件与柴油机锻件一样。轴系锻件有推力轴、中间轴艉轴等。舵系锻件有舵杆、舵柱、舵销等。
- 锻件在石油化工设备中有着广泛的应用。如球形储罐的人孔、法兰，换热器所需的各种管板、对焊法兰催化裂化反应器的整锻筒体（压力容器），加氢反应器所用的筒节，化肥设备所需的顶盖、底盖、封头等均是锻件。
- Low Marine forgings are divided into three categories, the host shaft forgings and forging, rudder system forgings. The host forgings and forging as diesel engine. Shaft forgings have thrust shaft, intermediate shaft stern shaft, etc. Rudder system forgings such as rudder and rudder post, rudder pintle.
- Low forging has been widely used in petrochemical industry equipment. Such as spherical tank manhole, flange, all kinds of heat exchanger tube plate, butt welding flange catalytic cracking reactor cylinder (pressure vessel), the whole forging used in the hydrogenation reactor of shell, fertilizer equipment required for the top, bottom, top are all forgings.



Different diameter pipe fitting series

异径管系列

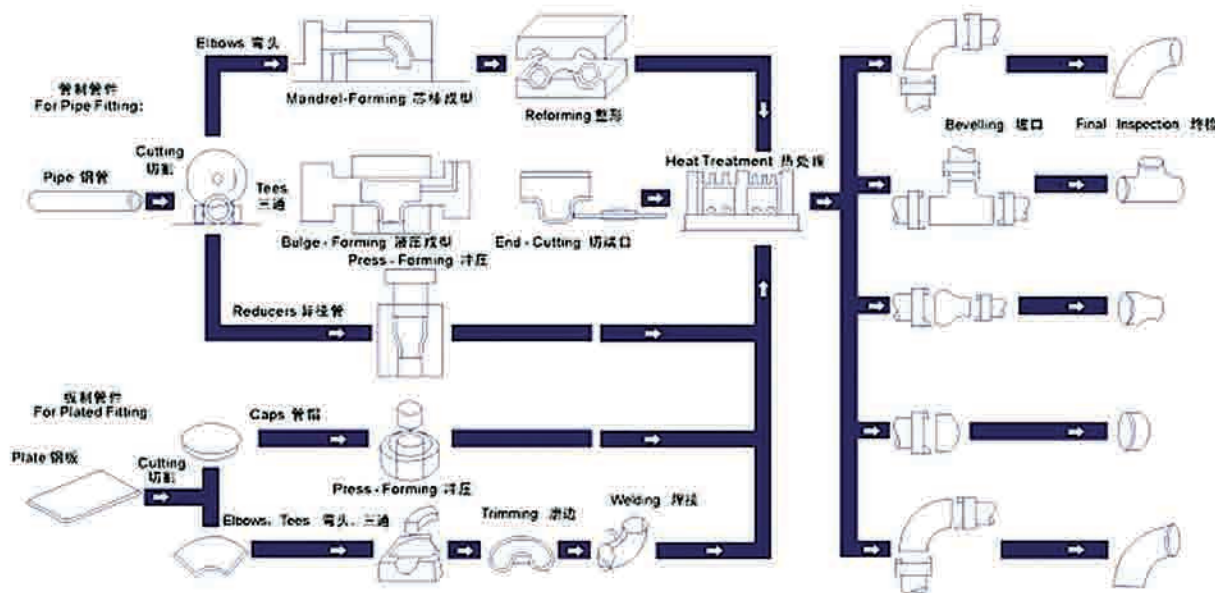
●产品标准

- 国标美标英标以及各种非标高压冲压《钢板制对焊管件》GB/T13401-2005的规定异径管标准
- 异径管的质量应符合现行国家标准《钢制对焊无缝管件》GB/T 12459-2005
- 电力部标准GD0506~0507
- 沟槽卡夹式异径管
- 沟槽卡夹式异径管
- 国家标准（GB/T9112-2000）
- 机械部标准（JB81-59, JB/T74-94）
- 石化部标准（SH3406-96）
- 化工部标准（HG5010-58, HG20592-97）



Low-pressure pipe fittings series

中/低压管件系列

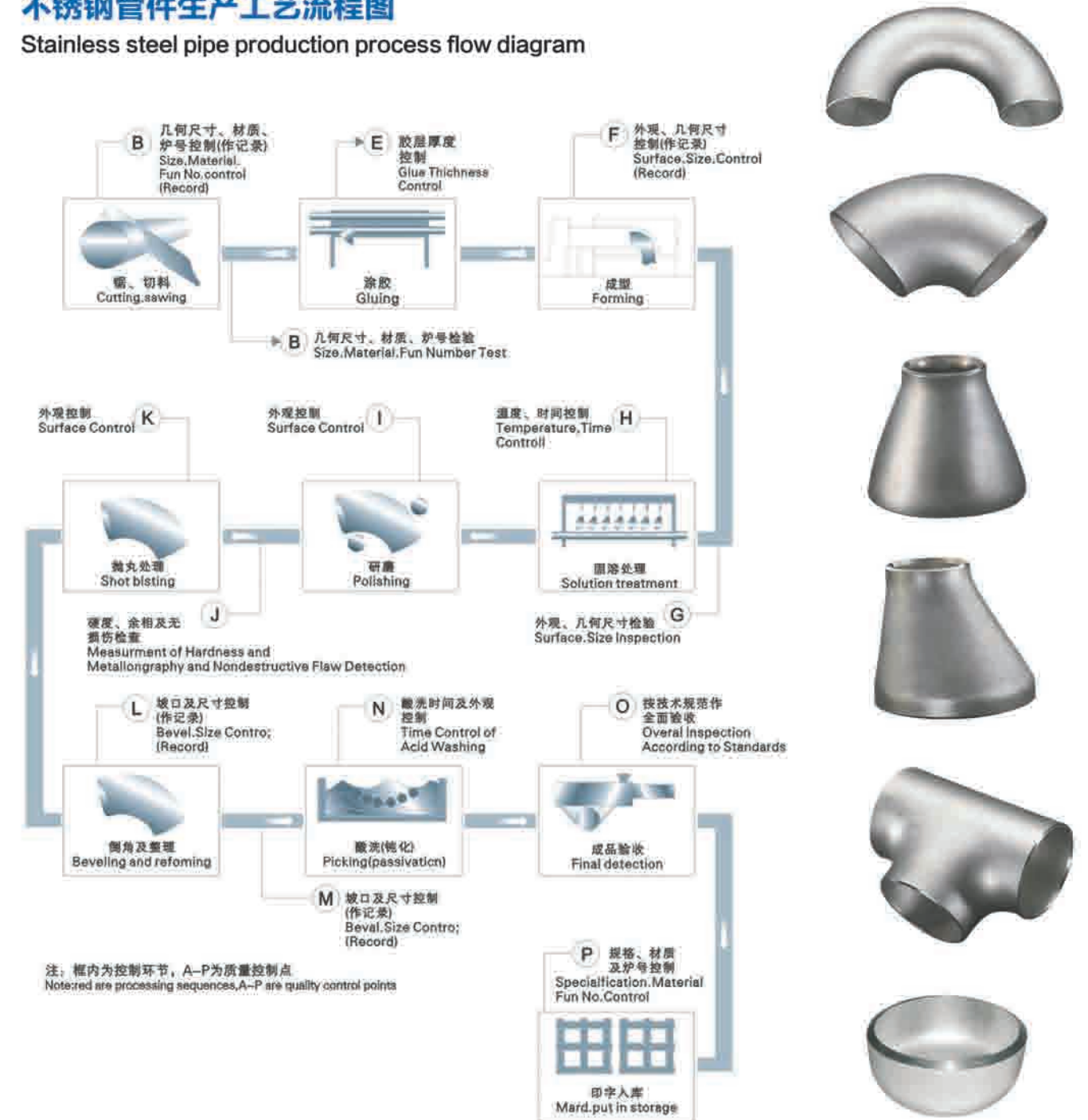


Stainless steel pipe fittings series

不锈钢管件系列

不锈钢管件生产工艺流程图

Stainless steel pipe production process flow diagram



Butt welding pipe fittings series

对焊管件系列

对焊弯头是两个钢板焊接完成的，一般大口径的弯头都是这种工艺，一般口径在600以上的都基本是对焊弯头。

- 生产标准：国标、美标、日标、英标、德标、等。
- 材质规格：不锈钢，碳钢，低合金钢，合金钢等
- 适用介质：气体、液体、蒸汽。
- 连接方式：对焊(焊接)式。

Butt welding elbow is done by two steel plate welding, generally is the process of large diameter bend, average diameter in more than 600 basic is the butt welding elbow.

- Production standard: gb, American standard, Japanese standard, British standard, German standard, etc.
- Material specifications: stainless steel, carbon steel, low alloy steel, alloy steel, etc
- Applicable medium: gas, liquid and steam.
- Connection mode: butt welding (welding).



Big bendseries

大弯管系列



Thermal insulation pipe series

保温管道系列

高温预制直埋保温管优势特点

- 具有很强的耐腐蚀和防水能力，综合造价低。
- 热损耗低，节约能源。
- 使用寿命长。
- 占地少，施工快，有利于环境保护。

High temperature advantage of prefabricated directly buried insulating pipe are characteristics

- Have strong corrosion resistance and waterproof ability, low comprehensive cost.
- Low heat loss is low, save energy.
- Low service life is long.
- Covers an area of less, fast construction, which is beneficial to environmental protection.

适用范围：保温管适合输送在-50℃—150℃范围内的各种介质，它广泛应用于集中供热、供冷和热油的输送及暖室、冷库、煤矿、石油、化工等行业的保温保冷工程。

Scope of application: thermal insulation pipe is suitable for conveying in - 50 ℃, 150 ℃ within the scope of all kinds of medium, it is widely used in central heating, cooling, and hot oil conveying and warm room, cold storage, coal, petroleum, chemical industries such as heat/cold engineering.



保温管技术指标

The insulation pipe technique index

技术性能	单位	技术
容量	Kg/m ³	45-60
导热系数	W/m.k	0.016-0.024
使用温度	℃	-90-+120
闭孔率	%	≥97
吸水率	Kg/m ²	≤0.2
氧指数	h	≥26
抗压强度	Mpa	≥200



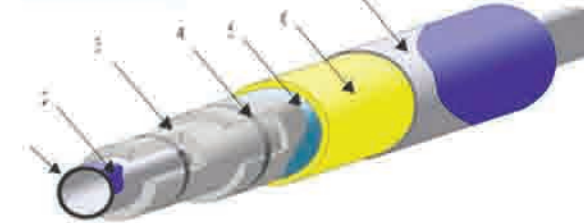
Steam pipe series

蒸汽管道系列

高温预制直埋保温管广泛用于液体、气体的输送管网，化工管道保温工程石油、化工、集中供热热网、中央空调通风管道、市政工程等。高温预制直埋保温管是一种保温性能好，加安全可靠，工程造价低的直埋预制保温管。有效的解决了大城集中供热中130℃—600℃高温输热用预制直埋保温管的保温、滑动润滑和裸露管端的防水问题。

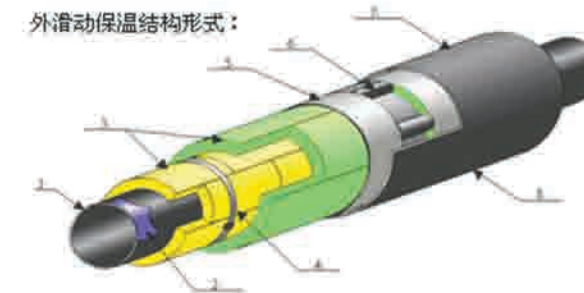
High temperature prefabricated directly buried insulating pipe are widely used in liquid, gas transmission pipeline, chemical pipeline heat preservation engineering, petroleum, chemical industry, the central heating network central air-conditioning ventilation pipe, municipal engineering, etc. High temperature is a kind of prefabricated directly buried insulating pipe heat preservation performance is good, safe and reliable, low engineering cost of prefabricated directly buried insulating pipe. Effectively solve the city central heating in 130 ℃ to 600 ℃ high temperature heat losing use of prefabricated directly buried insulating pipe insulation, sliding lubrication and bare tube end waterproof problems.

内滑动保温结构形式：



- 1、内钢管
- 2、耐高温纤维毡（减阻层）
- 3、硅酸钙保温材料
- 4、钢质打包带
- 5、铝箔反射层
- 6、聚氨酯保温层
- 7、外套保护层

外滑动保温结构形式：



- 1、内钢管
- 2、防腐图层
- 3、保温材料
- 4、钢质打包带
- 5、铝箔反射层
- 6、钢骨架
- 7、外套钢管
- 8、外套防腐层

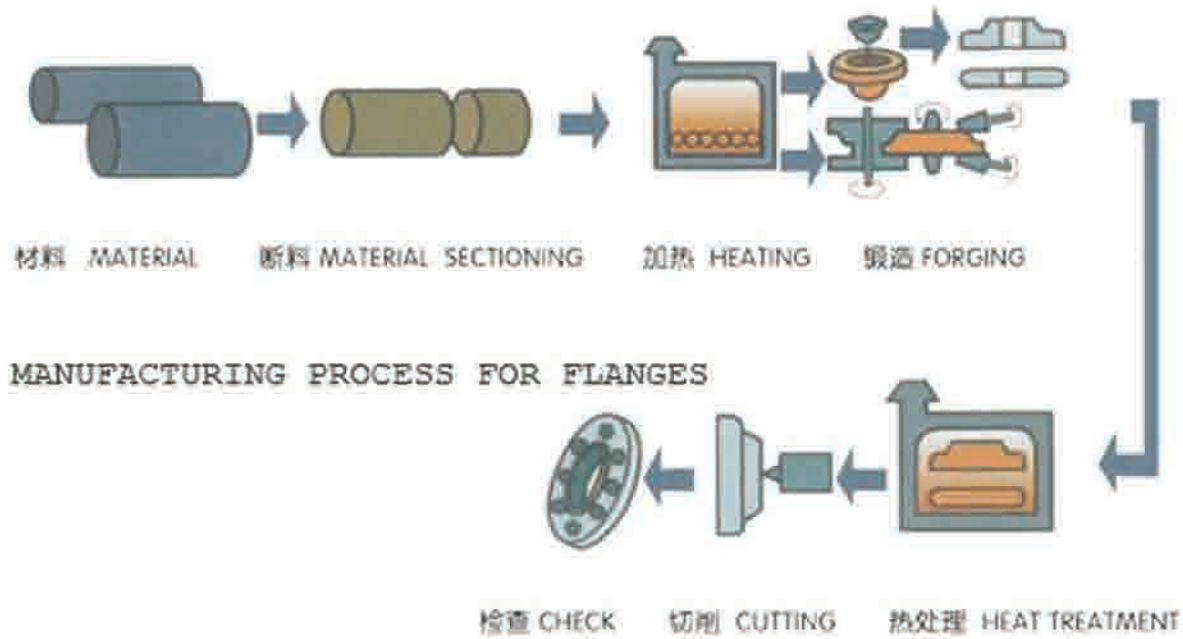


Flange series

法兰系列

法兰生产工艺流程图

Flange production process flow diagram



Bracket and hanger series

支吊架系列



Bearing the plugin series

承插件系列

承插管件常用原材料一般分碳钢、不锈钢、合金钢等。

碳钢常用牌号有 Q235、20#、A105等；

不锈钢常用牌号有304、304L、316、316L、321、00Cr17Ni14Mo2等；

合金材质常用牌号有15CrMo、1Cr5Mo、16Mn、12Cr1MoV、F11、F22、10CrMo910等

其他材质：铜合金，镍合金等

承插管件常用标准

ASME B16.11、HG/T 21634-1996、MSS SP-83、MSS SP-79、MSS SP-97、MSS SP-95、GB/T 14383-2008、SH/T3410-96、GD2000、GD87、40T025-2005等，也可根据图纸进行非标准加工制作。



Compensator series

补偿器系列

1. 补偿吸收管道轴向、横向、角向冷热变形。
2. 波纹补偿器伸缩量，方便阀门管道的安装与拆卸。
3. 吸收设备振动，减少设备振动对管道的影响。
4. 吸收地震、地陷对管道的变形量。

1. Compensation absorption pipeline axial, lateral and angular deformation of hot and cold.
2. Corrugated compensator expansion amount, valve pipe installation and removal.
3. The vibration absorption equipment, reduce the influence of equipment vibration on pipeline.
4. Absorb the earthquake, subsidence deformation of pipeline.



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“诚招天下客，誉从质中来”。长期以来，公司十分注重与客户的友好合作，保证品质与服务，珍视荣誉，从而赢得了客户的信赖与支持。与朋友广泛合作，共享繁荣，也成为我们最真诚的追求。

"Soliciting clients in earnest, Win reputation by quality".

From the beginning, in order to win the customer's trust and support, our company always attaches great importance to friendly cooperate with customers, to ensure quality and service, and to value honor.

"To widely cooperate with friends and to share prosperity" has become our most sincere pursuit.

