



**浙江志达管业有限公司**  
ZHEJIANG JNDIA PIPELINE INDUSTRY CO.,LTD.

地址: 浙江省温州经济技术开发区金海园区滨海六道366号  
Add: No.366 Binhai 6th Avenue , Jinhai Industrial Park, Economic & Technology Developing Zone,Wenzhou, Zhejiang China 325025  
电话/Tel: 86-577-85826161  
传真/Fax: 86-577-85826565  
邮编/P.C: 325025  
[Http://www.jndia.com.cn](http://www.jndia.com.cn)  
Email:[Sales@jndia.com.cn](mailto:Sales@jndia.com.cn)

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日益进取 志达千里

— Keeping Enterprising and Aiming High —

精雕细磨 | 让志达成为管件业最耀眼的一颗钻石！

Exquisite working and fine grinding make JNDIA  
become the most shining diamond in pipe fittings industry!



科技灵感 魅力恒远

Scientific and Technological Inspiration,  
Eternal Charm.

**First chapter Corporate image chapter**

## 第一章 企业形象篇



铸就民族品牌 走向世界舞台

Casting National Brand, Striding towards the World Stage

海阔凭鱼跃，天高任鸟飞。

在市场大潮的洗礼中，志达人勇于进取，逐步完善，建立了适应市场需求的现代化企业管理制度，  
成熟的技术、凝聚的人才，让志达人正阔步向更深更广的领域开拓。

志达如朝阳，为民族品牌走向世界而奋力拼搏，志达如雄鹰，朝着做世界管件行业强者的目标奋勇前行！

The wide sea allows the fish to leap freely, and the vast sky the birds to fly at will. Under the severe test in the market,  
JNDIA is brave to keep enterprising and has gradually established and perfected a modern enterprise management system accommodating market demands.

The mature technology and united talents help JNDIS to expand towards deeper and wider fields in big strides.

Lide the rising sun, JNDIA is striving for making national brand move toward the world. Like a strong and brave eagle,  
JNDIA is summoning up all its energy to advance towards the goal of becoming the strongest in the world pipe fittings industry!



Our specialized products: stainless steel pipe fittings,  
stainless steel flanges and stainless steel tubes



亲爱的用户和朋友们：

在这里我代表志达管业有限公司对全体新老客户和社会各界朋友们多年来对我们的支持表示最衷心的感谢！

志达在技术领先的同时，更注重产品工艺的精良，不管是一个小小的配件还是整体的构造，志达人都是一丝不苟。“设计技术”的研发是创新的磐石，志达自成立以来，皆以“力求创新，稳固发展”为目标，引进先进的生产线，加工中心及检测设备，并始终坚持把加强技术作为营销的核心，致力于通过新技术改造提高产业结构，以优质产品占领市场，继而以市场优势确定品牌地位。

面对经济的全球化，对志达人来说是一个机会但同时也是一个挑战。为客户创造更优质的产品而奋斗是无止境的，志达人不敢遗忘。我们以后将更加努力的在现在的基础上精益求精，与同行取长补短，力创志达明天新辉煌。

Dear users and friends:

On behalf of JNDIA Pipe Industry Co., Ltd., I would like to express our sincere gratitude to new and old customers and friends from all circles who have been always supporting us for these years!

While leading in technology, JNDIA pays much attention to fine product technique. JNDIA personnel are always meticulous towards small fittings and integral construction. The research and development of "design and technology" is the firm base for innovation. Since its establishment, JNDIA has set up the goal of "striving to innovate, developing stably", introduced advanced production line, machining center and inspection equipment, and by always insisting on regarding technology reinforcing as the core of marketing, it is devoted to improving industrial structure by new technology reform, occupying the market by high quality products and confirming the brand position by market advantage.

Confronted with the global economy, JNDIA personnel are facing not only an opportunity but a challenge. It is endless to strive for creating products of more excellent quality, which JNDIA personnel are always bearing in mind. In future, we will make redoubled efforts and keep improving on the current basis, learn strong points from same traders to offset our weakness and strive to create a new resplendent future of JNDIA.

总经理:

2017

General manager



当悠悠岁月淘尽历史的尘埃时，唯有那么久的闪亮才是永恒，而我们一志达人正是因为有了那么诚恳的执着，才会不断的追求我们生命中的永恒，让志达成为一颗最耀眼的钻石。

When time elapses quickly and washes away the dust of history, only the lasting glitter is eternal.  
And we—JNDIA personnel, due to our sincerity and perseverance, are consistently seeking for the eternity in our life and making JNDIA become the most shining diamond.

**JNDIA® FITTINGS**

ZHEJIANG JNDIA PIPELINE INDUSTRY CO.,LTD.  
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Our specialized products: stainless steel pipe fittings,  
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浙江志达管业有限公司创立于2008年,是一家专业生产工业管道配件的制造企业,公司坐落于满城不锈钢的龙湾,公司占地15000m<sup>2</sup>,注册资金1.058亿元,公司现有员工300余人。离机场15公里,离甬台温复线高速口2公里,离港口15公里,地理位置得天独厚,交通极为便利。

我们有着实力雄厚的生产团队,引进国际先进的管配件生产设备,采用国际上先进的生产工艺,以国内及进口优质钢材原料(如:304/304L/304H、316/316L/316H、316Ti、317L、310S、321/321H、347H、904L、S31254等不锈钢材质,超级双相钢Duplexsteel S31803/S32205、S32750/2507、S32760以及特种合金Special AlloyN04400、N06600、N06625、N08800、N08810、N08825、N10276)制造各种弯头、三通、异径管、翻边、管帽、法兰管道配件等产品。产品不但可按国标GB12459、GB/T13401,美标ANSIB16.9,ANSIB16.5,日标JIS,德标DIN等标准生产,也可根据客户要求特制非标或特殊用途产品。

我们有着优秀的质检团队,以先进的检测设备跟踪检测每一道生产工序,以数据跟进每一个定单。我们产品大量出口到欧盟各国、美国、日本等工业国。产品广泛应用于石油、化工、造船、建筑、机械等行业。我们的信心来自高质量的产品、精细的服务以及富有竞争力的价格。我们将自始至终为工业建设提供服务并在全球范围内扩展生意。为客户增值并与之愉快的合作是我们的最大追求。

我们随时欢迎您的询盘和高明的建议!

Zhejiang JNDIA Pipeline Industry Co., Ltd. is a specialized manufacturer of pipe fittings. Our products include elbows, tees, reducers, stub ends, pipe caps, flanges and etc. They are manufactured by our production team of powerful strength through introducing world advanced production equipment for pipe fittings, adopting internationally advanced production technology as well as high quality raw materials in SS, DSS, SDSS, Incolloy, Hastelloy and Monel. We can produce according to National standards GB12459-90 and GB/T 13401, American standards ANSI B 16.9 and ANSI B 16.5, Japanese standard JIS and Germany standard DIN. Non-standard products or products for special use, we can also manufacture as per customers' requirements.

With our excellent quality inspection team and advanced inspection equipment, every production procedure is traced and inspected and every data is followed up by data. Plenty of our products have been exported to USA, Japan and industrial countries in European Union. They are widely applied in petroleum, chemical industry, shipbuilding, construction machinery and etc. Our confidence stems from high quality products, fine service and competitive prices. We will always provide service for industrial construction and expand our business in the globe. It is our permanent pursuit to create value for customers and cooperate with them sincerely.

Your enquiries and suggestions are always welcome!





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荣誉见证历史，丰碑镌刻艰辛；荣誉代表着社会对志达人业绩的肯定；

荣誉也见证了志达人永不枯竭的进取心、事业心、创造精神，这也将是志达人继续创造辉煌的力量之源。

Honor witnesses history and monument is engraved with hardships;

honor represents people's affirmation to JNDIA people's achievements;

the honor is also testified people's non exhausted enterprising spirit, dedication and creative spirit, which is JNDIA people's power source to keep on creating resplendence as well.



荣誉源于用心，每份认可的资质证书凝聚志达人奋力拼搏的结晶，  
每份荣誉都是我们的金名片和通行证，那是我们一个个路标，那是我们一次次的历程。  
Honor originates from devotion.  
Every recognized certificate concentrates struggling efforts of JNDIA personnel,  
and every honor is our golden card and passport.  
They are our road signs and our experiences.

Heat treatment furnaces  
Capacity:1 ton



## 设备精良 技术导航

### Fine Equipment, Technology Pilot

“工欲善其事、必先利其器”，志达人深谙此道，只有好的管理、好的理念、好的人才还是不够的，还要有精良的设备才代表企业拥有强大的生产能力，并确保产品的卓越品质。

志达引进了国际先进水平的生产加工设备和技术人才，拥有高精度的机床、大型加工设备和特种工艺设备，为产品质量和企业发展提供了有力保障。

“Sharp tools make good work”. JNDIA personnel deeply understand the truth. It's far from enough with only advanced management, good conception and well-trained talents. Only after they are equipped with fine equipment, can the enterprise have powerful production capacity and ensure excellent product quality.

JNDIA has introduced technical talents and internationally advanced production and machining equipment including high precision machining tools, large-sized machining equipment and special technological equipment, providing powerful guarantee for product quality and enterprise development.



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试验室外景

## 精英才俊 锐意进取 Elites and Talents, Keeping Enterprising

志达视科技研发为企业生命力，深谙是人才团队的智慧成就了志达的品牌、品质，为使志达产品更趋完美，不吝重金聘请一批高级技术顾问和高职称的研究制造专业人士、高级工程师加盟，用他们的智慧培养员工，加上生产工人孜孜以求的工作态度，注重每一个生产细节，从而形成了志达在强势品牌战略中最坚不可摧的堡垒。

JNDIA regards scientific research and development as the vitality of enterprise. It is deeply aware that the wisdom of talent team achieves the brand and quality of JNDIA. To make JNDIA products more perfect, JNDIA spares no efforts to invite a troop of senior technical consultants, research and manufacturing professionals with high titles as well as senior engineers, who are cultivating employees with their intelligence, and with the production workers' working attitude of pursuing assiduously and paying attention to every detail, an unbreakable stronghold of JNDIA is formed in the powerful brand strategy.



晶间腐蚀corrosion test



拉伸试验tensile test



冲击试验charpy impact test



1000倍金相显微镜 GX41F Metalloscope



冲击式样投影impact specimen projection



1300°C热处理heat treatment



台式直读光谱spectrometer



口径测量dimension test



超声波测厚ultrasonic wt testing



硬度测试 hardness tesy



便携光谱 PMI Portable spectrometer



超声波测厚ultrasonic wt testing



双相钢铁素体检测Ferrite Meter test



无损探伤Liquid penetrant Test

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Creating the exoteric and easygoing  
environment by exoteric breast



## 海纳百川 有容乃大

公司积极倡导人性化的企业文化，积极发挥各组织在企业中的促进作用，重视在生产和企业文化活动中发挥和培养人才，形成一个良性竞争追求上进的学习型、经验型团队。

市场竞争归根结底是企业人才的竞争。以人为本，取收并蓄，这只是基础。我们要做的是把舞台留给每一个员工，以海的容纳和广阔，让每个人在这台上舞出风华，舞得无悔。

Company actively advocated humane enterprise culture, the organizations play an active role in promoting enterprises, the importance of enterprise culture in the production and living Fixed play and train qualified personnel, and create a healthy competition in the pursuit of progressive learning, experience-based team.

Ultimately enterprise market competition is a competition of talents. People-oriented, and has a poor harvest, which is a basic. What we have to do is to leave the stage every one employees, in order to accommodate the sea and broad, so that everyone in this table dance from Fenghua, a dance no regrets.





至上形象

形象

Supreme  
Image

严格: 严字当头, 遵章守纪, 客观公正, 令行禁止;  
规范: 有章可循, 责权清晰, 流程明确, 操作标准;  
高效: 反应灵敏, 决策迅速, 执行果断, 报告及时;  
精细: 关注细节, 谨慎周密, 持续改进, 精益求精。

Aggressive exoteric spirits,  
Being open-minded and external  
谨慎求实 新锐务实



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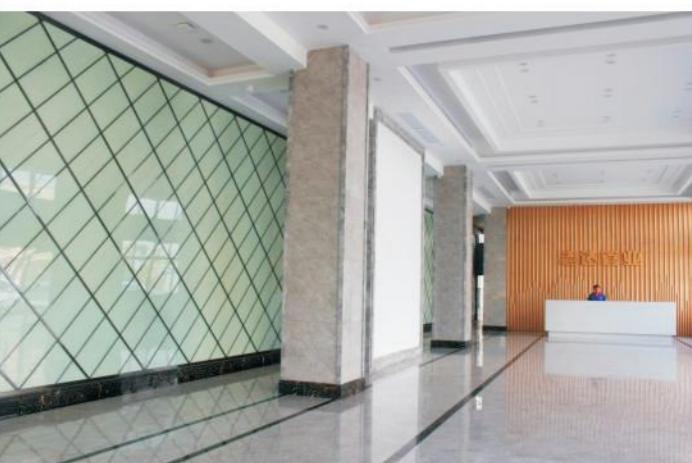
Our specialized products: stainless steel pipe fittings,  
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## 专业树形象 品质赢未来

Establishing image by specialization, winning market by quality

严格控制生产过程质量, 保证产品处于行业领先水平, 规范推进全方位的质量监控。质量文化已经渗透到研发、生产、销售和服务的每一个细节当中, 成为一种自觉行为。质量管理体系已全面与国际接轨, 带领企业获得多荣誉的同时, 更多的给予公司客户“上帝”般的消费体验。

We strictly control quality during the production, ensure that the product is at the leading level in the industry and standardize and push forward all round quality monitoring. The quality culture has been spread into every detail including research, development, production, distribution and service, becoming a conscious behavior. The quality management system has completely kept pace with the world, giving much real godlike consuming experience to customers of our company while leading the enterprise to obtain many honors.



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## 创新不止 精益求精

Innovating Everlastingly, Pursuing Perfect

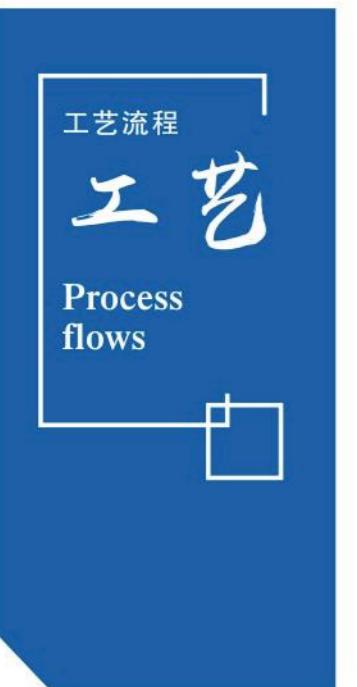
正是深谙产品品质在商战中所扮演的重要角色，所以志达人一直坚持严格控制把关每一个环节、每一道工序，从设计研发到生产作业各个环节的质量状况。志达的检测系统流程均按照国际先进的行业标准要求，自产品设计就纳入一套极其严谨、精确的程序之中，从设计、选材、制造、组装到运行，每个环节都要经历苛刻的检测程序，将精度控制到最严密，将产品品质控制到最优异，对每一细微之处的精益求精，都控制到最完美，让客户在使用的同时，深切感受到志达严谨务实的品质宗旨……

Because we clearly know the important role played by product quality in the business war, JNDIA personnel always strictly control every chain and every procedure and focus on the quality status in all chains including design, research, development, production and operation. The inspection systems and procedures of JNDIA are in accordance with the internationally advanced industry standard. The products have been included into a series of strict and precise procedures from the very beginning. All the chains including design, material selection, manufacturing, assembly and operation are carried out strict inspection procedures so as to control the precision to the greatest strictness and the product quality to the highest excellence. We keep improving on all details and control them to the most perfect extent so as to make customers deeply feel our quality tenet of strictness and truth-seeking while they are using our products……

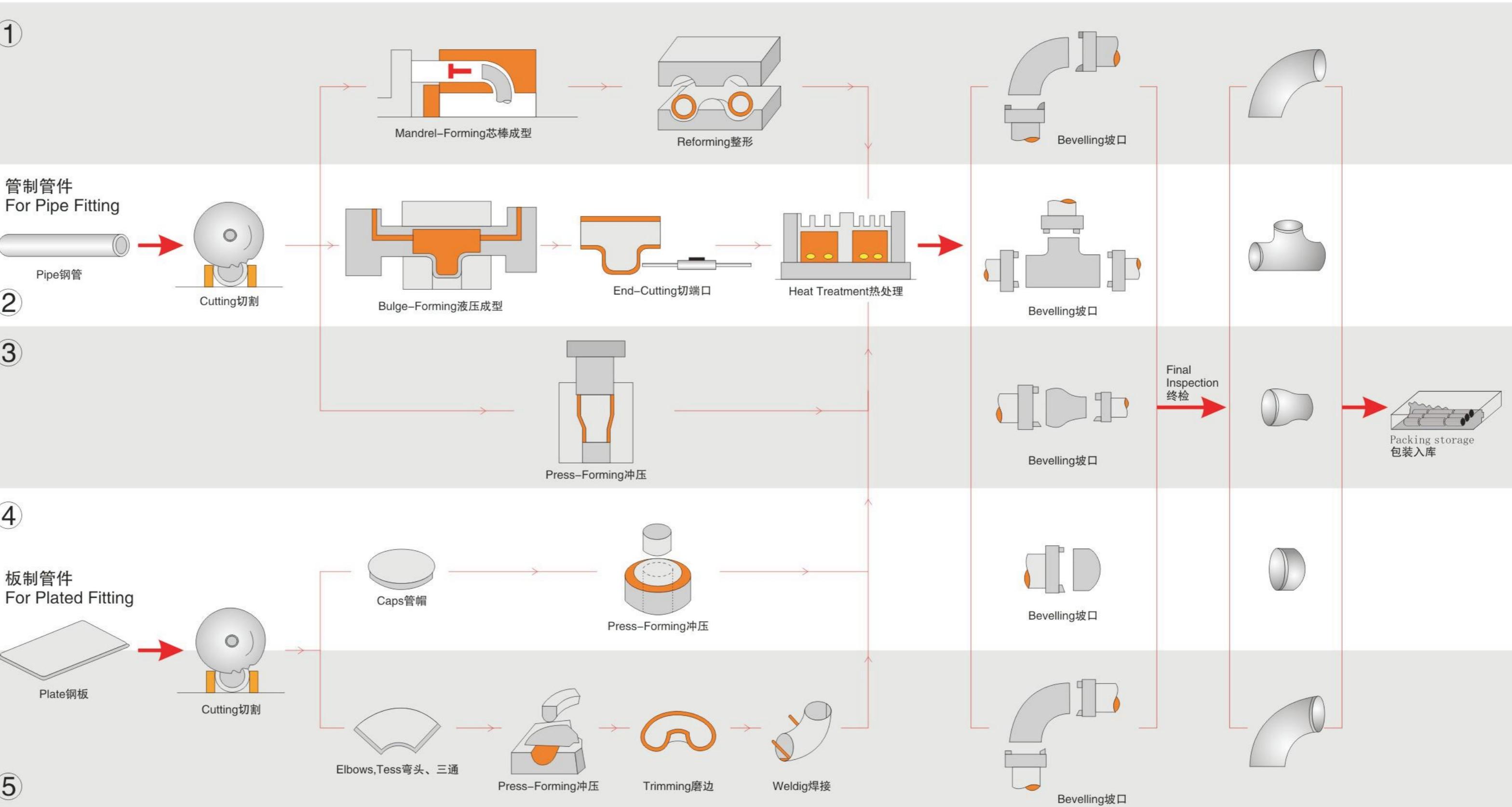




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- ① Elbows弯头
- ② Tees三通
- ③ Reducers异径管
- ④ Caps管帽
- ⑤ Elbows,Tess弯头、三通



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## 经典工程 品质永恒

胸有鸿鹄之志，方可一举万里。正是在这种宏伟方针指引下，多年来，志达积极开拓，不断进取，并充分利用现代科技信息网络及时把握市场信息，从未停止过前行的步伐。时至今日，经历过几多风雨洗礼的志达管业，在执着和创新中一路走来，务实的志达人始终稳步前行，已在造纸、造船、石油、化工、电力、天然气、水处理、核能、建筑等行业相关领域都取得了诸多辉煌成就。

The person who has lofty aspirations can achieve success. Under the guidance of this grand policy, JNDIA has been actively pioneering and kept enterprising continuously for many years. It makes full use of modern technology and information network to grasp market information timely and never stops moving forwards. Till now, JNDIA Pipe Industry Co., Ltd., which has undergone many hardships and difficulties, is keeping moving with perseverance and innovation. The truth-seeking JNDIA personnel are moving steadily and have achieved numerous splendid successes in many industries such as pulp & paper, shipbuilding, petroleum, chemical industry, electric power, natural gas, water treatment, nuclear power and construction etc.

## Classic Project, Eternal Quality



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## Based on Market, Serving Wholeheartedly **立足市场 用心服务**

保障售前、售中、售后全过程的中心服务是我们的宗旨，它日益成为广大客户对公司提出的基本要求，我们不断优化企业内部管理，提升员工的服务意识等一系列措施，使每个志达的用户都能体会我们的服务口号“体您所需、用心服务”。此外，我们已组建了集销售、服务与一体的强大营销网络，公司的新产品和各种服务都能及时、全面地到达市场和用户，形成了完善的产品研发机制和网络运行机制。

It is our principle to guarantee the whole-course services including before-sale, in-sale and after-sale. It has increasingly become a basic requirement of customers to the company. We are continuously optimizing the internal management of the enterprise and promoting service consciousness of employees so as to make the users of JNDIA understand our service slogan "satisfying your requirements, serving wholeheartedly". In addition, we have established a powerful marketing network integrating distribution and service, through which our new products and various services can be delivered to the market and users timely and comprehensively, forming a perfect product research and development system and network operation mechanism.



始终把握世界最前沿的制管业技术和对精致的追求，吸收国内外先进的技术和经验，与国际市场保持高度的融合和接轨。公司具有雄厚的技术力量和大规模的生产能力，拥有一支集设计、研发、加工为一体的专业技术队伍和高素质的生产服务队伍，志达秉承做最好的产品的理念，不断开拓创新，一步一个脚印艰苦创业，为做强做大而奋斗到今。今天，站在技术、品质、管理与服务的制高点上，志达在风华万千的世界制管业傲视同侪，引领着新的科技理念。

We always grasp the world advanced technology of tube making industry and pursue delicacy, introduce advanced technology and experience from home and abroad and keep high combination and pace with the international market. The company has powerful technical force and largescale production capacity. It is equipped with a troop of professional and technical team and well trained production and service team integrating design, research, development and machining. By carrying forward the conception of producing the best products, JNDIA keeps unremitted pioneering and enterprising, builds the business step by step and strives for becoming stronger and bigger. Today, standing at commanding elevation of technology, quality, management and service, JNDIA is leading the new technology conception in the world tube making industry of great elegance regardless of what other same traders have.

## **Second chapter** Some Products' Show

### 第二章 部分产品展示



创新是企业的灵魂，志达人深谙其道，  
公司成立专门的新技术研发中心，负责开发各种新产品、新技术。  
停滞不前就是落后，志达人不折不扣的秉承着这一点，  
创新概念深入到这个年轻集体中，也成为了志达的灵魂。

Innovation is the soul of the enterprise,  
the JNDIA people familiar with that company to set up a special new technology research  
and development center,  
responsible for the development of new products and new technology.  
Stagnation is behind, the JNDIA people adhere to the letter of this innovative  
concept into the young group, has become the soul of JNDIA.

## THE REASON WHY YOU CHOOSE JNDIA

您选择志达的理由

- 质量体系—ISO体系 Quality System – ISO system
- 行业经验—超过15年 Industry experience – over 15
- 管理系统—内部软件 Management Systems – internal software
- 成品库存—超过150吨 Finished product inventory – more than 150 tons
- 原材料库存—超过400吨 Raw material inventory – over 400 tons
- 货物出运—全球超过20个国家 Shipments of goods – more than 20 countries worldwide

**DELICACY — Represents the  
Devotion Put to Details by JNDIA Personnel**  
精致一体现出志达人对细节的专注



# product specification 产品规范 and manufacture scope 生产范围

DEGREE  
RETURN, 180E  
不锈钢弯头180。



- 尺寸(Size):  
无缝(Seamless) 1/2"-24"(DN15-DN600)  
有缝(Welded) 1/2"-48"(DN15-DN1200)
- 标准(Standard):  
GB/T12459, GB/T13401, SH3408, SH3409, EN10253-4,  
ASME B16.9, MSS SP-43, DIN 2605, JIS B2313
- 壁厚(Thickness): SCH5S-XXS
- 材质(Grade): 304/L/H, 316/L/Ti/H, 317L, 310/S, 347/H, 321/H,  
904/L, S32750/SAF2507, S32205/SAF2205, S31803, S32760,  
SMO254, N04400, N06600, N06625, N08020, N08800,  
N08810, N08825, N10276

STAINLESS STEEL  
ELB 90LR  
不锈钢长半径弯头90。



- 尺寸(Size):  
无缝(Seamless) 1/2"-24"(DN15-DN600)  
有缝(Welded) 1/2"-48"(DN15-DN1200)
- 标准(Standard):  
GB/T12459, GB/T13401, SH3408, SH3409, EN10253-4,  
ASME B16.9, MSS SP-43, DIN 2605, JIS B2313
- 壁厚(Thickness): SCH5S-XXS
- 材质(Grade): 304/L/H, 316/L/Ti/H, 317L, 310/S, 347/H, 321/H,  
904/L, S32750/SAF2507, S32205/SAF2205, S31803, S32760,  
SMO254, N04400, N06600, N06625, N08020, N08800,  
N08810, N08825, N10276

STAINLESS STEEL  
ELB 90SR  
不锈钢短半径弯头90。



- 尺寸(Size):  
无缝(Seamless) 1/2"-24"(DN15-DN600)  
有缝(Welded) 1/2"-48"(DN15-DN1200)
- 标准(Standard):  
GB/T12459, GB/T13401, SH3408, SH3409, EN10253-4,  
ASME B16.9, MSS SP-43, DIN 2605, JIS B2313
- 壁厚(Thickness): SCH5S-XXS
- 材质(Grade): 304/L/H, 316/L/Ti/H, 317L, 310/S, 347/H, 321/H,  
904/L, S32750/SAF2507, S32205/SAF2205, S31803, S32760,  
SMO254, N04400, N06600, N06625, N08020, N08800,  
N08810, N08825, N10276

STAINLESS STEEL  
ELB 45LR  
不锈钢长半径弯头45。



STAINLESS STEEL  
ELB 45SR  
不锈钢短半径弯头45。



STAINLESS STEEL  
ELB 30SR  
不锈钢短半径弯头30。



# product specification 产品规范与生产范围 and manufacture scope

STAINLESS STEEL  
TEE  
不锈钢等径三通



- 尺寸(Size):  
无缝(Seamless) 1/2"-24"(DN15-DN600)  
有缝(Welded) 1/2"-48"(DN15-DN1200)
- 标准(Standard):  
GB/T12459, GB/T13401, SH3408, SH3409, EN10253-4,  
ASME B16.9, MSS SP-43, DIN 2605, JIS B2313
- 壁厚(Thickness): SCH5S-XXS
- 材质(Grade): 304/L/H, 316/L/Ti/H, 317L, 310/S, 347/H, 321/H,  
904/L, S32750/SAF2507, S32205/SAF2205, S31803, S32760,  
SMO254, N04400, N06600, N06625, N08020, N08800,  
N08810, N08825, N10276

STAINLESS STEEL  
STRAIGHT TEE  
不锈钢等径三通



- 尺寸(Size):  
无缝(Seamless) 1/2"-24"(DN15-DN600)  
有缝(Welded) 1/2"-48"(DN15-DN1200)
- 标准(Standard):  
GB/T12459, GB/T13401, SH3408, SH3409, EN10253-4,  
ASME B16.9, MSS SP-43, DIN 2605, JIS B2313
- 壁厚(Thickness): SCH5S-XXS
- 材质(Grade): 304/L/H, 316/L/Ti/H, 317L, 310/S, 347/H, 321/H,  
904/L, S32750/SAF2507, S32205/SAF2205, S31803, S32760,  
SMO254, N04400, N06600, N06625, N08020, N08800,  
N08810, N08825, N10276

NON-STANDARD  
TEES  
非标三通



- 尺寸(Size):  
无缝(Seamless) 1/2"-24"(DN15-DN600)  
有缝(Welded) 1/2"-48"(DN15-DN1200)
- 标准(Standard):  
GB/T12459, GB/T13401, SH3408, SH3409, EN10253-4,  
ASME B16.9, MSS SP-43, DIN 2605, JIS B2313
- 壁厚(Thickness): SCH5S-XXS
- 材质(Grade): 304/L/H, 316/L/Ti/H, 317L, 310/S, 347/H, 321/H,  
904/L, S32750/SAF2507, S32205/SAF2205, S31803, S32760,  
SMO254, N04400, N06600, N06625, N08020, N08800,  
N08810, N08825, N10276

STAINLESS STEEL  
CROSS  
不锈钢四通



- 尺寸(Size):  
无缝(Seamless) 1/2"-24"(DN15-DN600)  
有缝(Welded) 1/2"-48"(DN15-DN1200)
- 标准(Standard):  
GB/T12459, GB/T13401, SH3408, SH3409, EN10253-4,  
ASME B16.9, MSS SP-43, DIN 2605, JIS B2313
- 壁厚(Thickness): SCH5S-XXS
- 材质(Grade): 304/L/H, 316/L/Ti/H, 317L, 310/S, 347/H, 321/H,  
904/L, S32750/SAF2507, S32205/SAF2205, S31803, S32760,  
SMO254, N04400, N06600, N06625, N08020, N08800,  
N08810, N08825, N10276

STAINLESS STEEL  
CON RED  
不锈钢同心异径管



- 尺寸(Size):  
无缝(Seamless) 1/2"-24"(DN15-DN600)  
有缝(Welded) 1/2"-48"(DN15-DN1200)
- 标准(Standard):  
GB/T12459, GB/T13401, SH3408, SH3409, EN10253-4,  
ASME B16.9, MSS SP-43, DIN 2605, JIS B2313
- 壁厚(Thickness): SCH5S-XXS
- 材质(Grade): 304/L/H, 316/L/Ti/H, 317L, 310/S, 347/H, 321/H,  
904/L, S32750/SAF2507, S32205/SAF2205, S31803, S32760,  
SMO254, N04400, N06600, N06625, N08020, N08800,  
N08810, N08825, N10276

STAINLESS STEEL  
ECC RED  
不锈钢偏心异径管



- 尺寸(Size):  
无缝(Seamless) 1/2"-24"(DN15-DN600)
- 标准(Standard):  
GB/T12459, GB/T13401, SH3408, SH3409, EN10253-4,  
ASME B16.9, MSS SP-43, DIN 2605, JIS B2313
- 壁厚(Thickness): SCH5S-XXS
- 材质(Grade): 304/L/H, 316/L/Ti/H, 317L, 310/S, 347/H, 321/H,  
904/L, S32750/SAF2507, S32205/SAF2205, S31803, S32760,  
SMO254, N04400, N06600, N06625, N08020, N08800,  
N08810, N08825, N10276

# product specification 产品规范 and manufacture scope 生产范围

STAINLESS STEEL PIPE CAP 不锈钢管帽



- 尺寸(Size):  
无缝(Seamless) 1/2"-24"(DN15-DN600)  
有缝(Welded) 1/2"-48"(DN15-DN1200)
- 标准(Standard):  
GB/T12459, GB/T13401, SH3408, SH3409, EN10253-4,  
ASME B16.9, MSS SP-43, DIN 2605, JIS B2313
- 壁厚(Thickness): SCH5S-XXS
- 材质(Grade): 304/L/H, 316/L/Ti/H, 317L, 310/S, 347/H, 321/H,  
904/L, S32750/SAF2507, S32205/SAF2205, S31803, S32760,  
SMO254, N04400, N06600, N06625, N08020, N08800,  
N08810, N08825, N10276

STAINLESS STEEL STUB END 不锈钢翻边短接



- 尺寸(Size):  
无缝(Seamless) 1/2"-24"(DN15-DN600)  
有缝(Welded) 1/2"-48"(DN15-DN1200)
- 标准(Standard):  
ASME B16.9, MSS SP-43
- 壁厚(Thickness): SCH5S-XXS
- 材质(Grade): 304/L/H, 316/L/Ti/H, 317L, 310/S, 347/H, 321/H,  
904/L, S32750/SAF2507, S32205/SAF2205, S31803, S32760,  
SMO254, N04400, N06600, N06625, N08020, N08800,  
N08810, N08825, N10276

SANITARY FITTINGS 卫生级管件



- 尺寸(Size): DN15-DN400
- 标准(Standard): ISO, SMS, DIN, 3A
- 壁厚(Thickness): 1.5MM-5MM
- 材质(Grade): 304, 304L, 316, 316L, 321

HEXAGONAL NIPPLE 六角双接头



- 尺寸(Size):  
1/8" -4"(DN6-DN100)
- 标准(Standard):  
GB/T14626, HGJ529, ANSI B16.11, BS3799, MSS SP-97
- 壁厚(Thickness):  
3000#, 6000#, 9000#
- 材质(Grade):  
304/L, 316/L, 321/L, 317/L, 347/H, 904L, 310S,  
Duplex2205/S31803/F51, 2507/S32750/F53, A105

FORGED SOCKET WELDED FITTINGS 锻制承插管件



- 尺寸(Size):  
1/8" -4"(DN6-DN100)
- 标准(Standard):  
GB/T14626, HGJ529, ANSI B16.11, BS3799, MSS SP-97
- 壁厚(Thickness):  
3000#, 6000#, 9000#
- 材质(Grade):  
304/L, 316/L, 321/L, 317/L, 347/H, 904L, 310S,  
Duplex2205/S31803/F51, 2507/S32750/F53, A105

THREADED UNION 六角头内外螺纹接头



- 尺寸(Size):  
1/8" -4"(DN6-DN100)
- 标准(Standard):  
GB/T14626, HGJ529, ANSI B16.11, BS3799, MSS SP-97
- 壁厚(Thickness):  
3000#, 6000#, 9000#
- 材质(Grade):  
304/L, 316/L, 321/L, 317/L, 347/H, 904L, 310S,  
Duplex2205/S31803/F51, 2507/S32750/F53, A105

## **Third chapter** Reference Data

### **第三章 数据参考**



品质是一个企业的生命，

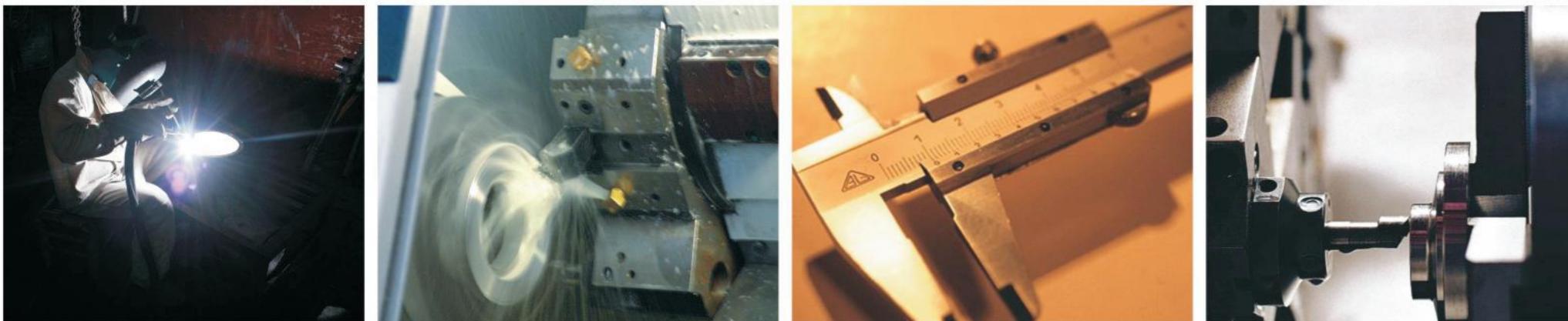
一个企业要想在竞争中乘风破浪，立于不败之地，  
靠的就是优良可靠的质量和优质的服务。

诚信是市场经济对企业的基本要求，  
企业视诚信为立身之本、发展之基、信誉之源。

Quality is the life of an enterprise.

The enterprise that wishes to brave the wind and the waves in the competition  
and stand at the invincible position relies on the excellent and  
reliable quality and sopraking service.

Sincerity is the fundamental requiemt required by market economy to the enterprise.  
The enterprise regards sincerity as the basis for establishment,  
foundation for development and source for reputation.



We can provide:

Stainless steel (304, 304L, 304H, 316, 316L, 316Ti, 316H, 321, 321H, 347/H, 310S, 317L, 904L, S31254/SMO254)

Duplex steel (S31803/S32205/2205, S32750/2507, S32760)

Special Alloy (N04400/400, N06625/625, N08825/825, N10276/C276, 800/800H, 600/600H)

Our specialized products:

stainless steel pipe fittings, stainless steel flanges and  
stainless steel tubes

我们提供的特种合金：

不锈钢 (304, 304L, 304H, 316, 316L, 316Ti, 316H, 321, 321H, 347/H, 310S, 317L, 904L, S31254/SMO254)

双相钢 (S31803/S32205/2205, S32750/2507, S32760)

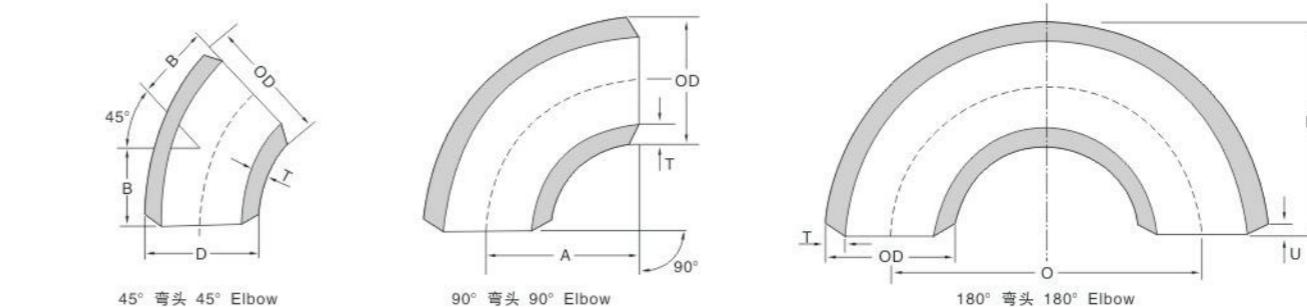
特殊材质 (N04400/400, N06625/625, N08825/825, N10276/C276, 800/800H, 600/600H)

N08800, N08810, N08825, N10276

我们专注的产品：不锈钢管件、不锈钢法兰及不锈钢管

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公称通径 Nominal diameter		外径 Outside diameter	中心至端面的距离 Center to end		90° L/R弯头理论重量kg/pc 90° L/R Elbow Approx weight						
DN	NPS		B	A	O	sch5S	sch10S	sch20S/ LG	sch40S/ STD	sch80S/ XS	sch80
15	1/2	18 21.3	16	38	76	0.04 0.05	0.05 0.06	0.06 0.07	0.06 0.08	0.08 0.10	0.08 0.10
20	3/4	25 26.7	19	38	76	0.06 0.06	0.07 0.08	0.09 0.09	0.09 0.10	0.12 0.13	0.12 0.13
25	1	32 33.4	22	38	76	0.07 0.08	0.12 0.13	0.14 0.14	0.14 0.15	0.19 0.19	0.19 0.19
32	1 1/4	38 42.2	25	48	96	0.11 0.13	0.18 0.20	0.21 0.23	0.23 0.26	0.30 0.34	0.30 0.34
40	1 1/2	45 48.3	29	57	114	0.16 0.17	0.26 0.28	0.30 0.32	0.34 0.37	0.45 0.49	0.45 0.49
50	2	57 60.3	35	76	152	0.27 0.29	0.45 0.47	0.57 0.61	0.62 0.65	0.85 0.90	0.85 0.90
65	2 1/2	76 73	44	95	190	0.58 0.55	0.82 0.79	0.97 0.93	1.35 1.30	1.79 1.71	1.79 1.71
80	3	89	51	114	228	0.82	1.17	1.51	2.04	2.76	2.76
90	3 1/2	101.6	57	133	266	1.09	1.56	2.03	2.85	3.92	3.92
100	4	108 114	64	152	304	1.32 1.40	1.90 2.01	2.47 2.61	3.64 3.85	5.05 5.35	5.05 5.35
125	5	133 141.3 139.7	79	190	380	2.67 2.84 2.81	3.27 3.47 3.43	4.74 5.05 4.99	6.14 6.54 6.46	8.72 9.31 9.19	8.72 9.31 9.19
150	6	168.3 159 165	95	229	458	4.10 3.86 4.01	5.01 4.72 4.91	7.29 6.88 7.14	10.24 9.64 10.03	15.41 14.50 15.09	15.41 14.50 15.09
200	8	219 216	127	305	610	7.12 7.03	9.63 9.49	15.94 15.71	20.51 20.22	31.17 30.71	31.17 30.71
250	10	273 267.4	159	381	762	13.62 13.34	16.74 16.39	24.97 24.44	36.33 35.56	49.12 48.06	57.83 56.57
300	12	325 323.9 318	190	457	914	22.66 22.58 22.16	26.10 26.01 25.53	35.79 35.66 35.00	53.58 53.40 52.39	70.69 70.44 49.11	95.81 95.46 93.63

(续)(Continued)

**JNDIA® FITTINGS**  
ZHEJIANG JNDIA PIPELINE INDUSTRY CO.,LTD.  
Http://www.jndia.com.cn

## ■ 45° 90° 180° 长半径弯头 Long Radius Elbows (45° 90° 180° )

■ 上述尺寸符合 GB/T 12459, GB/T 13401,  
SH 3408, SH 3409, EN 10253-4,  
ASME B16.9, MSS SP-43, DIN 2605,  
JIS B2313标准。  
Above dimensions acc. to GB/T 12459,  
GB/T 13401, SH 3408, SH 3409,  
EN10253-4, ASME B16.9, MSS SP-43,  
DIN 2605, JIS B2313.

理论重量按ASME B36.10M、B36.19M  
标准壁厚测算，( sch20S/LG,按GB/T 12459、  
GB/T 13401标准壁厚测算。)  
Weights are approximate and based on  
manufactur's data, according to  
ASME B36.10M、B36.19M,  
(sch20S/LG,Weights are approximate and  
based on manufacture's data,according to  
GB/T 12459、GB/T 13401.)

We can provide:  
Stainless steel (304, 304L, 304H, 316, 316L, 316LT, 316H,  
321, 321H, 347H, 310S, 317L, 904L, S31254/SMO254)  
Duplex steel (S31803/S32205/2205, S32750/2507, S32760)  
Special Alloy (NO4400/440, NO6625/625, NO8825/825,  
N10276/C276, 800/800H, 600/600H)  
Our specialized products:  
stainless steel pipe fittings, stainless steel flanges and  
stainless steel tubes

**PAGE02**  
Http://www.jndia.com.cn

■ 45° 90° 180° 长半径弯头  
Long Radius Elbows  
(45° 90° 180° )

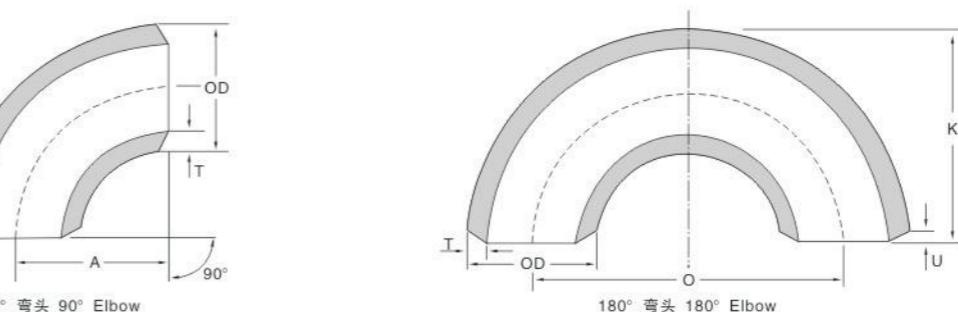
■ 上述尺寸符合 GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN 10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313标准。  
Above dimensions acc. to GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313.

理论重量按ASME B36.10M、B36.19M  
标准壁厚测算, ( sch20S/LG,按GB/T 12459、GB/T 13401标准壁厚测算。)  
Weights are approximate and based on manufatur's data, according to ASME B36.10M、B36.19M, (sch20S/LG,Weights are approximate and based on manufacture's data, according to GB/T 12459、GB/T 13401.)

We can provide:  
Stainless steel (304, 304L, 304H, 316, 316L, 316L, 316H, 321, 321H, 347H, 310S, 317L, 904L, S31254/SMO254)  
Duplex steel (S31803/S32205/2205, S32750/2507, S32760)  
Special Alloy (N04400/400, N06625/625, N08825/825, N10276/C276, 800/800H, 600/600H)  
Our specialized products:  
stainless steel pipe fittings, stainless steel flanges and stainless steel tubes

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公称通径 Nominal diameter		外径 Outside diameter	中心至 端面的距离 Center to end		中心至中 心的距离 Center to Center	90° L/R弯头理论重量kg/pc 90° L/R Elbow Approx weight					
DN	NPS	OD	B	A	O	sch5S	sch10S	sch20S/ LG	sch40S/ STD	sch80S/ XS	sch80
350	14	377 355.6	222	533	1066	30.71 28.95	36.98 34.86	61.36 57.80	72.80 68.56	96.17 90.52	141.75 133.27
400	16	426 406.4	254	610	1220	42.05 40.09	47.90 45.67	79.55 75.82	94.42 89.98	124.87 118.95	206.35 196.35
450	18	478 457.2	286	686	1372	53.11 50.78	60.52 57.86	100.60 96.14	199.44 114.14	158.10 151.03	298.56 276.29
500	20	529 508	318	762	1524	74.47 71.48	86.18 82.72	123.86 118.87	147.12 141.17	194.86 186.94	391.34 375.00
550	22	559	343	838	1676	86.58	100.21	144.06	171.14	226.75	495.44
600	24	630 610	381	914	1828	123.32 119.37	141.21 136.64	177.37 171.67	210.78 203.98	279.45 270.40	661.10 -
650	26	660	406	991	1982	-	-	201.59	239.58	317.72	-
700	28	720 711	438	1067	2134	-	-	237.03 234.03	281.75 278.18	373.80 369.04	-
750	30	762	470	1143	2286	213.90	266.23	268.89	319.66	424.20	-
800	32	820 813	502	1219	2438	-	-	308.83 306.16	367.20 364.02	487.42 483.20	-
850	34	864	533	1295	2590	-	-	345.86	411.27	546.04	-
900	36	920 914	565	1372	2744	-	-	390.39 387.83	464.28 461.22	616.56 612.48	-
950	38	965	600	1448	2896	-	-	432.25	514.21	682.98	-
1000	40	1016 1020	632	1524	3048	-	-	479.29 481.19	570.09 572.36	757.33 760.35	-
1050	42	1067	660	1600	3200	-	-	528.65	628.85	835.51	-
1100	44	1118 1120	695	1676	3352	-	-	580.43 581.48	690.49 491.73	917.53 919.19	-
1150	46	1168	727	1753	3506	-	-	634.45	754.79	1003.10	-
1200	48	1220	759	1829	3658	-	-	691.63	822.86	1093.70	-



公称通径 Nominal diameter		外径 Outside diameter	中心至 端面的距离 Center to end	中心至中 心的距离 Center to Center	90° L/R弯头理论重量kg/pc 90° L/R Elbow Approx weight					
DN	NPS	OD	A	O	sch5S	sch10S	sch20S/ LG	sch40S/ STD	sch80S/ XS	sch80
25	1	32 33.4	25	50	0.05 0.05	0.08 0.08	0.09 0.09	0.09 0.10	0.12 0.13	0.12 0.13
32	1 1/4	38 42.2	32	64	0.07 0.08	0.12 0.14	0.14 0.16	0.15 0.17	0.20 0.23	0.20 0.23
40	1 1/2	45 48.3	38	76	0.11 0.11	0.17 0.19	0.20 0.21	0.23 0.24	0.30 0.33	0.30 0.33
50	2	57 60.3	51	102	0.18 0.19	0.30 .032	0.38 0.41	0.41 0.44	0.57 0.60	0.57 0.60
65	2 1/2	76 73	64	128	0.39 0.37	0.56 0.53	0.65 0.62	0.91 0.87	1.21 1.15	1.21 1.15
80	3	89	76	152	0.54	0.78	1.01	1.36	1.84	1.84
90	3 1/2	101.6	89	178	0.73	1.04	1.36	1.91	2.62	2.62
100	4	108 114	102	204	0.89 0.94	1.27 1.35	1.65 1.75	2.44 2.59	3.39 3.59	3.39 3.59
125	5	133 141.3 139.7	127	254	1.79 1.90 1.88	2.18 2.32 2.30	3.17 3.38 3.34	4.10 4.37 4.32	5.83 6.22 6.14	5.83 6.22 6.14
150	6	168.3 159 165	152	304	2.72 2.57 2.66	3.32 3.14 3.26	4.84 4.56 4.74	6.79 6.40 6.65	10.23 9.63 10.02	10.23 9.63 10.02
200	8	219 216	203	406	4.74 4.68	6.41 6.32	10.61 10.46	13.65 13.46	20.74 20.44	20.74 20.44
250	10	273 267.4	254	508	9.08 8.89	11.16 10.92	16.64 16.29	24.22 23.70	32.75 32.04	38.55 37.72

(续)(Continued)

We can provide:  
Stainless steel (304, 304L, 304H, 316, 316L, 316L, 316H, 321, 321H, 347H, 310S, 317L, 904L, S31254/SMO254)  
Duplex steel (S31803/S32205/2205, S32750/2507, S32760)  
Special Alloy (N04400/400, N06625/625, N08825/825, N10276/C276, 800/800H, 600/600H)  
Our specialized products:  
stainless steel pipe fittings, stainless steel flanges and stainless steel tubes

■ 上述尺寸符合 GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN 10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313标准。  
Above dimensions acc. to GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313.

理论重量按ASME B36.10M、B36.19M  
标准壁厚测算, ( sch20S/LG,按GB/T 12459、GB/T 13401标准壁厚测算。)  
Weights are approximate and based on manufatur's data, according to ASME B36.10M、B36.19M, (sch20S/LG,Weights are approximate and based on manufacture's data,according to GB/T 12459、GB/T 13401.)

We can provide:  
Stainless steel (304, 304L, 304H, 316, 316L, 316L, 316H, 321, 321H, 347H, 310S, 317L, 904L, S31254/SMO254)  
Duplex steel (S31803/S32205/2205, S32750/2507, S32760)  
Special Alloy (N04400/400, N06625/625, N08825/825, N10276/C276, 800/800H, 600/600H)  
Our specialized products:  
stainless steel pipe fittings, stainless steel flanges and stainless steel tubes

■ **90° 180° 短半径弯头**  
**Short Radius Elbows**  
**(90° 180° )**

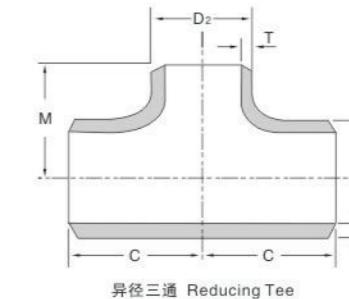
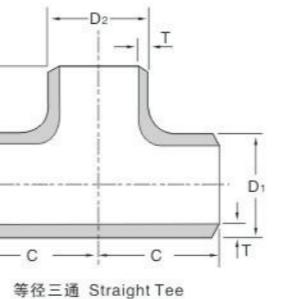
■ 上述尺寸符合 GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN 10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313标准。  
Above dimensions acc. to GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313.

理论重量按ASME B36.10M、B36.19M  
标准壁厚测算, ( sch20S/LG,按GB/T 12459、  
GB/T 13401标准壁厚测算。)  
Weights are approximate and based on  
manufatur's data, according to  
ASME B36.10M、B36.19M,  
(sch20S/LG,Weights are approximate and  
based on manufacture's data, according to  
GB/T 12459、GB/T 13401.)

We can provide:  
Stainless steel (304, 304L, 304H, 316, 316L, 316L, 316H,  
321, 321H, 347H, 310S, 317L, 904L, S31254/SMO254)  
Duplex steel (S31803/S32205/2205, S32750/2507, S32760)  
Special Alloy (N04400/400, N06625/625, N08825/825,  
N10276/C276, 800/800H, 600/600H)  
Our specialized products:  
stainless steel pipe fittings, stainless steel flanges and  
stainless steel tubes

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公称通径 Nominal diameter		外径 Outside diameter	中心至 端面的距离 Center to end	中心至 中心的距离 Center to Center	90° L/R弯头理论重量kg/pc 90° L/R Elbow Approx weight						
DN	NPS	OD	A	O	sch5S	sch10S	sch20S/ LG	sch40S/ STD	sch80S/ XS	sch80	
300	12	325 323.9 318	305	610	15.12 15.07 14.79	17.42 17.36 17.04	23.88 23.80 23.36	35.76 35.64 34.97	47.18 47.01 46.12	63.94 93.71 62.49	
350	14	377 355.6	356	712	20.51 19.33	24.70 23.28	40.99 38.61	48.62 45.79	64.24 60.46	94.67 89.01	
400	16	426 406.4	406	812	27.98 26.68	31.88 30.40	52.95 50.47	62.84 59.89	83.11 79.17	137.34 130.69	
450	18	478 457.2	457	914	35.38 33.38	40.32 38.54	67.01 64.05	79.57 76.04	105.32 100.61	192.90 184.06	
500	20	529 508	508	1016	49.64 47.66	57.45 55.15	82.58 79.25	98.08 94.12	129.91 124.62	260.90 250.00	
550	22	559	559	1118	57.75	66.85	93.10	114.16	151.26	330.49	
600	24	630 610	610	1220	82.30 79.67	94.21 91.19	118.38 114.57	140.67 136.14	186.51 180.46	441.22 -	
650	26	660	660	1320	-	-	134.26	159.56	211.60	-	
700	28	720 711	711	1422	-	-	157.94 155.95	187.75 175.37	249.08 245.91	-	
750	30	762	762	1524	142.60	177.49	179.26	213.11	282.80	-	
800	32	820 813	813	1626	-	-	205.97 204.19	244.90 242.78	325.08 322.26	-	
850	34	864	864	1728	-	-	230.75	274.39	364.30	-	
900	36	920 914	914	1828	-	-	260.07 258.36	309.29 307.25	410.74 408.02	-	
950	38	956	965	1930	-	-	288.13	342.69	455.17	-	
1000	40	1016 1020	1016	2032	-	-	319.53 320.80	380.06 381.57	504.89 506.90	-	
1050	42	1067	1067	2134	-	-	352.55	419.36	557.18	-	
1100	44	1118 1120	1118	2236	-	-	387.19 387.88	460.60 461.43	612.05 613.16	-	
1150	46	1168	1168	2336	-	-	422.72	502.90	668.35	-	
1200	48	1220	1220	2440	-	-	461.34	548.87	729.53	-	



公称通径 Nominal diameter		外径 Outside diameter	中心至端面的距离 Center to end	理论重量kg/pc Approx weight						
DN	NPS	D1 x D2	C	M	sch5S	sch10S	sch40S/ STD	sch40	sch80S/ XS	sch80
20 x 20	3/4 x 3/4	25 x 25 26.7 x 26.7	29	29	0.07 0.08	0.10 0.11	0.13 0.15	0.13 0.15	0.16 0.18	0.16 0.18
20 x 15	3/4 x 1/2	25 x 18 26.7 x 21.3	29	29	0.06 0.07	0.09 0.10	0.12 0.13	0.12 0.13	0.15 0.16	0.15 0.16
25 x 25	1 x 1	32 x 32 33.4 x 33.4	38	38	0.11 0.12	0.19 0.20	0.23 0.25	0.23 0.25	0.30 0.32	0.30 0.32
25 x 20	1 x 3/4	32 x 25 33.4 x 26.7	38	38	0.10 0.11	0.18 0.19	0.22 0.24	0.22 0.24	0.28 0.31	0.28 0.31
25 x 15	1 x 1/2	32 x 18 33.4 x 21.3	38	38	0.09 0.10	0.17 0.18	0.21 0.23	0.21 0.23	0.27 0.30	0.27 0.30
32 x 32	1.1/4 x 1.1/4	38 x 38 42.2 x 42.2	48	48	0.19 0.20	0.36 0.39	0.42 0.52	0.42 0.52	0.63 0.73	0.63 0.73
32 x 25	1.1/4 x 1	38 x 32 42.2 x 33.4	48	48	0.18 0.19	0.33 0.35	0.40 0.42	0.40 0.42	0.58 0.68	0.58 0.68
32 x 20	1.1/4 x 3/4	38 x 25 42.2 x 26.7	48	48	0.17 0.18	0.31 0.32	0.38 0.40	0.38 0.40	0.55 0.65	0.55 0.65
32 x 15	1.1/4 x 1/2	38 x 18 42.2 x 21.3	48	48	0.16 0.17	0.30 0.31	0.36 0.38	0.36 0.38	0.52 0.62	0.52 0.62
40 x 40	1.1/2 x 1.1/2	45 x 45 48.3 x 48.3	57	57	0.35 0.45	0.59 0.69	0.78 0.88	0.78 0.88	1.08 1.18	1.08 1.18
40 x 32	1.1/2 x 1.1/4	45 x 38 48.3 x 42.2	57	57	0.32 0.42	0.54 0.62	0.72 0.82	0.72 0.82	0.99 1.09	0.99 1.09
40 x 25	1.1/2 x 1	45 x 32 48.3 x 33.4	57	57	0.27 0.37	0.45 0.65	0.60 0.80	0.60 0.80	0.83 1.08	0.83 1.08
40 x 20	1.1/2 x 3/4	45 x 25 48.3 x 26.7	57	57	0.26 0.36	0.44 0.64	0.58 0.68	0.58 0.68	0.80 1.00	0.80 1.00
40 x 15	1.1/2 x 1/2	45 x 18 48.3 x 21.3	57	57	0.25 0.35	0.42 0.62	0.56 0.66	0.56 0.66	0.78 0.78	0.78 0.78
50 x 50	2 x 2	57 x 57 60.3 x 60.3	64	64	0.49 0.50	1.03 1.05	1.15 1.18	1.15 1.18	1.65 1.67	1.65 1.67
50 x 40	2 x 1.1/2	57 x 45 60.3 x 48.3	64	60	0.44 0.45	0.93 0.95	1.04 1.06	1.04 1.06	1.48 1.50	1.48 1.50
50 x 32	2 x 1.1/4	57 x 38 60.3 x 42.2	64	57	0.40 0.43	0.81 0.89	0.98 1.00	0.98 1.00	1.37 1.42	1.37 1.42
50 x 25	2 x 1	57 x 32 60.3 x 33.4	64	51	0.39 0.40	0.72 0.84	0.92 0.94	0.92 0.94	1.31 1.34	1.31 1.34
50 x 20	2 x 3/4	57 x 25 60.3 x 26.7	64	44	0.37 0.38	0.70 0.80	0.87 0.90	0.87 0.90	1.24 1.27	1.24 1.27

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■ **三通 ( 等径、异径 )**  
**Tees(straight and reducing)**

■ 三通 ( 等径、异径 )  
**Tees(straight and reducing)**

■ 上述尺寸符合 GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN 10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313标准。  
Above dimensions acc. to GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313.

理论重量按 ANSI B16.19标准壁厚测算  
Weights are approximate and based on manufatur's data, according to ANSI B16.19

We can provide:  
Stainless steel (304, 304L, 304H, 316, 316L, 316L, 316H, 321, 321H, 316S, 317L, 904L, S31254/SMO254)  
Duplex steel (S31803/S32205/2205, S32750/2507, S32760)  
Special Alloy (N04400/400, N06625/625, N08825/825, N10276/C276, 800/800H, 600/600H)  
Our specialized products:  
stainless steel pipe fittings, stainless steel flanges and stainless steel tubes

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公称通径 Nominal diameter		外径 Outside diameter		中心至端面的距离 Center to end		理论重量kg/pc Approx weight				
DN	NPS	D <sub>1</sub> × D <sub>2</sub>	C	M	sch5S	sch10S	sch40S/ STD	sch40	sch80S/ XS	sch80
65 × 65	2.1/2 × 2.1/2	76 × 76 73.0 × 73.0	76	76	0.87 0.86	1.21 1.25	2.10 2.12	2.10 2.12	2.80 2.88	2.80 2.88
65 × 50	2.1/2 × 2	76 × 57 73.0 × 60.3	76	70	0.82 0.81	1.17 1.16	2.00 1.98	2.00 1.98	2.70 2.65	2.70 2.65
65 × 40	2.1/2 × 1.1/2	76 × 45 73.0 × 48.3	76	67	0.77 0.76	1.11 1.10	1.89 1.88	1.89 1.88	2.56 2.55	2.56 2.55
65 × 32	2.1/2 × 1.1/4	76 × 38 73.0 × 42.2	76	64	0.75 0.74	1.10 1.08	1.80 1.89	1.80 1.89	2.50 2.25	2.50 2.25
65 × 25	2.1/2 × 1	76 × 32 73.0 × 33.4	76	57	0.76 0.70	1.10 1.07	1.86 1.81	1.86 1.81	2.53 2.08	2.53 2.08
80 × 80	3 × 3	89 × 89	86	86	1.16	1.68	3.02	3.02	4.19	4.19
80 × 65	3 × 2.1/2	89 × 76 88.9 × 73.0	86	83	1.11 1.10	1.62 1.60	2.89 2.87	2.89 2.87	4.02 3.98	4.02 3.98
80 × 50	3 × 2	88.9 × 57 88.9 × 60.3	86	76	1.06 1.07	1.53 1.55	2.76 2.79	2.76 2.79	3.81 3.85	3.81 3.85
80 × 40	3 × 1.1/2	88.9 × 45 88.9 × 48.3	86	73	1.01 1.03	1.49 1.50	2.67 2.69	2.67 2.69	3.70 3.73	3.70 3.73
80 × 32	3 × 1.1/4	89 × 38 88.9 × 42.2	86	70	1.00 1.00	1.48 1.45	2.65 2.60	2.65 2.60	3.68 3.60	3.68 3.60
90 × 90	3.1/2 × 3.1/2	101.6 × 101.6	95	95	1.33	1.92	3.61	3.61	5.08	5.08
90 × 80	3.1/2 × 3	101.6 × 88.9	95	92	1.26	1.82	3.43	3.43	4.83	4.83
90 × 65	3.1/2 × 2.1/2	101.6 × 73.0	95	89	1.22	1.76	3.32	3.32	4.67	4.67
90 × 50	3.1/2 × 2	101.6 × 60.3	95	83	1.20	1.73	3.25	3.25	4.57	4.57
90 × 40	3.1/2 × 1.1/2	101.6 × 48.3	95	79	1.17	1.70	3.21	3.21	4.51	4.51
100 × 100	4 × 4	108 × 108 114.3 × 114.3	105	105	1.66 1.75	2.41 2.54	4.75 5.01	4.75 5.01	6.75 7.12	6.75 7.12
100 × 90	4 × 3.1/2	114.3 × 101.6	105	102	1.70	2.46	4.85	4.85	6.89	6.89
100 × 80	4 × 3	108 × 89 114.3 × 88.9	105	98	1.55 1.61	2.24 2.33	4.42 4.60	4.42 4.60	6.27 6.52	6.27 6.52
100 × 65	4 × 2.1/2	108 × 76 114.3 × 73.0	105	95	1.53 1.60	2.21 2.31	4.36 4.56	4.36 4.56	6.50 6.50	6.50 6.50
100 × 50	4 × 2	108 × 57 114.3 × 60.3	105	89	1.51 1.57	2.19 2.29	4.32 4.41	4.32 4.41	6.13 6.12	6.13 6.12
100 × 40	4 × 1.1/2	108 × 45 114.3 × 48.3	105	86	1.50 1.55	2.09 2.24	4.22 4.00	4.22 4.00	6.03 6.02	6.03 6.02
125 × 125	5 × 5	133 × 133 141.3 × 141.3	124	124	3.18 3.37	3.91 4.14	7.53 7.98	7.53 7.98	10.9 11.6	10.9 11.6
125 × 100	5 × 4	133 × 108 141.3 × 114.3	124	117	3.03 3.15	3.73 3.90	7.20 7.52	7.20 7.52	10.4 10.8	10.4 10.8

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公称通径 Nominal diameter		外径 Outside diameter		中心至端面的距离 Center to end		理论重量kg/pc Approx weight				
DN	NPS	D <sub>1</sub> × D <sub>2</sub>	C	M	sch5S	sch10S	sch40S/ STD	sch40	sch80S/ XS	sch80
125 × 90	5 × 3.1/2	141.3 × 101.6	124	114	3.09	3.83	7.39	7.39	10.6	10.6
125 × 80	5 × 3	133 × 89 141.3 × 88.9	124	111	2.90 3.02	3.59 3.74	6.92 7.21	6.92 7.21	10.0 10.4	10.0 10.4
125 × 65	5 × 2.1/2	133 × 76 141.3 × 73.0	124	108	2.85 3.00	3.59 3.73	6.92 7.20	6.92 7.20	10.0 10.4	10.0 10.4
125 × 50	5 × 2	133 × 57 141.3 × 60.3	124	105	2.80 3.92	3.58 3.73	6.92 7.20	6.92 7.20	10.0 10.4	10.0 10.4
150 × 150	6 × 6	159 × 159 168.3 × 168.3	143	143	4.09 4.32	5.03 5.31	10.5 11.1	10.5 11.1	16.2 17.1	16.2 17.1
150 × 125	6 × 5	159 × 133 168.3 × 141.3	143	137	3.84 4.13	4.73 5.08	9.88 10.6	9.88 10.6	15.2 16.3	15.2 16.3
150 × 100	6 × 4	159 × 108 168.3 × 114.3	143	130	3.76 3.95	4.64 4.87	9.70 10.2	9.70 10.2	14.9 15.6	14.9 15.6
150 × 90	6 × 3.1/2	168.3 × 101.6	143	127	3.91	4.82	10.1	10.1	15.5	15.5
150 × 80	6 × 3	159 × 89 168.3 × 88.9	143	124	3.72 3.93	4.56 4.82	9.56 10.0	9.56 10.0	14.7 15.3	14.7 15.3
150 × 65	6 × 2.1/2	159 × 76 168.3 × 73.0	143	121	3.70 3.81	4.51 4.72	9.51 10.0	9.51 10.0	14.6 15.2	14.6 15.2
200 × 200	8 × 8	219 × 219	178	178	7.72	10.4	22.8	22.8	35.4	35.4
200 × 150	8 × 6	219 × 159 219.1 × 168.3	178	168	6.74 7.17	9.20 9.74	19.9 21.1	19.9 21.1	30.9 32.8	30.9 32.8
200 × 125	8 × 5	219 × 133 219.1 × 141.3	178	162	6.61 7.03	8.98 9.55	19.5 20.7	19.5 20.7	30.2 32.2	30.2 32.2
200 × 100	8 × 4	219 × 108 219.1 × 114.3	178	156	6.43 6.84	8.73 9.39	19.0 19.9	20.5 20.2	29.4 31.3	29.4 31.3
200 × 90	8 × 3.1/2	219.1 × 101.6	178	152	6.84	9.18	19.8	20.1	31.1	31.1
250 × 250	10 × 10	273 × 273	216	216	14.6	18.04	40.04	40.04	52.8	65.12
250 × 200	1									

■ 三通（等径、异径）  
Tees(straight and reducing)

■ 上述尺寸符合 GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN 10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313标准。  
Above dimensions acc. to GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313.

理论重量按ANSI B16.19标准壁厚测算  
Weights are approximate and based on manufatur's data, according to ANSI B16.19

We can provide:  
Stainless steel (304, 304L, 304H, 316, 316L, 316L, 316H, 321, 321H, 347H, 310S, 317L, 904L, S31254/SMO254)  
Duplex steel (S31803/S32205/2205, S32750/2507, S32760)  
Special Alloy (N04400/400, N06625/625, N08825/825, N10276/C276, 800/800H, 600/600H)  
Our specialized products:  
stainless steel pipe fittings, stainless steel flanges and stainless steel tubes

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公称通径 Nominal diameter		外径 Outside diameter		中心至端面的距离 Center to end		理论重量kg/pc Approx weight				
DN	NPS	D <sub>1</sub> × D <sub>2</sub>	C	M	sch5S	sch10S	sch40S/ STD	sch40	sch80S/ XS	sch80
300 × 200	12 × 8	325 × 219 323.9 × 219.1	254	229	20.2 20.0	23.3 23.1	48.4 48.2	52.4 52.2	64.4 64.2	88.6 88.4
300 × 150	12 × 6	325 × 159 323.9 × 168.3	254	219	18.4 19.5	22.5 22.7	44.3 47.1	47.9 51.0	59.0 62.7	81.2 86.4
300 × 125	12 × 5	325 × 133 323.9 × 141.3	254	216	18.0 19.1	20.8 22.1	43.6 46.3	47.1 50.2	57.8 61.5	79.6 84.6
350 × 350	14 × 14	377 × 377 355.6 × 355.6	279	279	27.4 25.7	33.1 31.1	66.1 62.0	77.2 72.5	88.0 82.7	132 124
350 × 300	14 × 12	377 × 325 355.6 × 323.9	279	270	25.8 24.2	31.1 29.2	62.1 58.3	72.5 68.2	82.7 77.7	124 116
350 × 250	14 × 10	377 × 273 355.6 × 273.1	279	257	25.1 23.7	30.3 28.6	60.5 57.0	70.8 66.7	80.7 76.0	121 114
350 × 200	14 × 8	377 × 219 355.6 × 219.1	279	248	24.6 23.1	29.7 27.9	59.2 55.7	69.2 65.2	78.0 74.2	118 111
350 × 150	14 × 6	377 × 159 355.6 × 168.3	279	238	24.0 22.3	29.0 27.1	57.9 54.2	67.8 64.8	77.1 77.8	115 110
400 × 400	16 × 16	426 × 426 406.4 × 406.4	305	305	33.1 31.4	38.0 36.1	75.9 72.3	101 96.4	101 96.1	170 162
400 × 350	16 × 14	426 × 377 406.4 × 355.6	305	305	32.0 30.4	36.8 34.9	73.6 70.1	98.1 93.4	97.8 92.9	179 162
400 × 300	16 × 12	426 × 325 406.4 × 323.9	305	295	31.0 28.2	35.6 34.4	71.4 69.1	95.2 90.8	94.7 89.2	173 168
400 × 250	16 × 10	426 × 273 406.4 × 273.1	305	283	30.2 28.7	34.7 33.0	69.9 66.6	93.1 88.7	92.5 87.8	169 161
400 × 200	16 × 8	426 × 219 406.4 × 219.1	305	273	29.5 28.1	33.9 32.3	68.4 65.1	91.1 86.8	90.2 86.0	165 157
400 × 150	16 × 6	426 × 159 406.4 × 168.3	305	264	29.2 27.7	33.5 31.8	67.6 64.4	217 206	89.2 84.8	90.1 85.8
450 × 450	18 × 18	478 × 478 457 × 457	343	343	41.9 39.8	47.8 45.5	95.3 90.7	349 332	127 120	142 136
450 × 400	18 × 16	478 × 426 457 × 406.4	343	330	41.0 39.0	46.8 44.5	93.3 88.9	342 325	144 118	140 133
450 × 350	18 × 14	478 × 377 406.4 × 355.6	343	330	40.4 38.3	46.1 43.8	91.9 87.3	336 320	142 135	137 130
450 × 300	18 × 12	478 × 325 406.4 × 323.9	343	321	39.8 37.3	45.4 42.6	90.6 85.0	331 216	140 131	135 127
450 × 250	18 × 10	478 × 273 457 × 273.1	343	308	39.3 37.3	44.9 42.6	89.6 85.0	228 216	138 131	134 127
450 × 200	18 × 8	478 × 219 457 × 219.1	343	298	38.8 36.9	44.3 42.1	89.1 84.7	225 213	137 130	132 126

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公称通径 Nominal diameter		外径 Outside diameter		中心至端面的距离 Center to end		理论重量kg/pc Approx weight				
DN	NPS	D <sub>1</sub> × D <sub>2</sub>	C	M	sch5S	sch10S	sch40S/ STD	sch40	sch80S/ XS	sch80
500 × 500	20 × 20	529 × 529 508 × 508	381	381	58.9 56.3	68.2 65.3	117 112	469 449	156 149	186 178
500 × 450	20 × 18	529 × 478 508 × 457	381	368	57.9 55.4	67.1 64.2	115 110	462 441	154 147	183 175
500 × 400	20 × 16	529 × 426 508 × 406.4	381	356	57.0 54.7	66.0 63.4	113 109	454 436	151 145	180 173
500 × 350	20 × 14	529 × 377 508 × 355.6	381	356	56.0 53.7	64.9 62.3	111 107	446 428	148 142	177 170
500 × 300	20 × 12	529 × 325 508 × 323.9	381	346	55.0 52.8	63.8 61.2	109 105	438 421	146 140	174 167
500 × 250	20 × 10	529 × 273 508 × 273.1	381	333	54.4 52.2	63.0 60.5	108 104	433 416	144 138	172 165
500 × 200	20 × 8	529 × 219 508 × 219.1	381	324	53.7 51.5	62.3 59.7	107 102	428 410	142 137	170 163
550 × 550	22 × 22	559 × 559	419	419	73.5	85.2	146	635	195	—
550 × 500	22 × 20	559 × 508	419	406	70.7	81.9	141	610	187	—
550 × 450	22 × 18	559 × 457	419	394	67.7	78.5	135	584	180	—
550 × 400	22 × 16	559 × 406.4	419	381	66.2	76.7	132	571	179	—
550 × 350	22 × 14	559 × 355.6	419	381	65.5	75.9	130	565	174	—
550 × 300	22 × 12	559 × 323.9	419	371	64.0	74.2	127	552	170	—
550 × 250	22 × 10	559 × 273.1	419	359	62.5	72.5	124	540	166	—
600 × 600	24 × 24	630 × 630 610 × 610	432	432	96.0 93.9	110 107	165 161	797 779	220 215	303 296
600 × 550	24 × 22	610 × 559	432	432	90.1	103	155	748	206	—
600 × 500	24 × 20	630 × 529 610 × 508	432	432	92.2 86.4	105 99.4	158 148	765 701	211 198	291 272
600 × 450	24 × 18	630 × 478 610 × 457	432	419	88.4 84.5	101 96.9	152 145	734 694	202 193	278 266
600 × 400	24 × 16	630 × 426 610 × 406.4	432	406	86.4 83.2	99.1 95.7	148 143	718 690	198 191	272 263

■ 三通 ( 等径、异径 )  
**Tees(straight and reducing)**

■ 上述尺寸符合 GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN 10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313标准。  
Above dimensions acc. to GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313.

理论重量按ANSI B16.19标准壁厚测算  
Weights are approximate and based on manufatur's data, according to ANSI B16.19

We can provide:  
Stainless steel (304, 304L, 304H, 316, 316L, 316L, 316H, 321, 321H, 347H, 310S, 317L, 904L, S31254/S30254)  
Duplex steel (S31803/S32205/2205, S32750/2507, S32760)  
Special Alloy (N04400/400, N06625/625, N08825/825, N10276/C276, 800/800H, 600/600H)  
Our specialized products:  
stainless steel pipe fittings, stainless steel flanges and stainless steel tubes

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公称通径 Nominal diameter		外径 Outside diameter		中心至端面的距离 Center to end		理论重量kg/pc Approx weight				
DN	NPS	D <sub>1</sub> × D <sub>2</sub>	C	M	sch5S	sch10S	sch40S/ STD	sch40	sch80S/ XS	sch80
650 × 500	26 × 20	660 × 508.0	495	457	-	-	185	-	246	-
650 × 450	26 × 18	660 × 457.2	495	444	-	-	183	-	244	-
650 × 400	26 × 16	660 × 406.4	495	432	-	-	179	-	238	-
650 × 350	26 × 14	660 × 355.6	495	432	-	-	175	-	233	-
650 × 300	26 × 12	660 × 323.9	495	422	-	-	171	-	227	-
700 × 700	28 × 28	720 × 720 711 × 711	521	521	-	-	232 229	-	300 305	-
700 × 650	28 × 26	711 × 660	521	521	-	-	222	-	293	-
700 × 600	28 × 24	720 × 630 711 × 610	510	508	-	-	222 211	-	296 275	-
700 × 550	28 × 22	711 × 559	521	495	-	-	204	-	272	-
700 × 500	28 × 20	720 × 529 711 × 508	521	483	-	-	222 199	-	296 265	-
700 × 450	28 × 18	720 × 478 711 × 457	521	470	-	-	208 195	-	275 263	-
700 × 400	28 × 16	720 × 426 711 × 406.4	521	457	-	-	206 190	-	268 259	-
700 × 350	28 × 14	720 × 377 711 × 355.6	521	457	-	-	201 183	-	260 253	-
700 × 300	28 × 12	720 × 325 711 × 323.9	521	448	-	-	197 179	-	256 244	-
750 × 750	30 × 30	762 × 762	559	559	176	200	264	-	352	-
750 × 700	30 × 28	762 × 711	559	546	-	-	254	-	338	-
750 × 650	30 × 26	762 × 660	559	546	-	-	243	-	323	-
750 × 600	30 × 24	762 × 610	559	533	158	197	238	-	317	-
750 × 550	30 × 22	762 × 559	559	521	157	195	235	-	314	-
750 × 500	30 × 20	762 × 508	559	508	153	174	230	-	306	-
750 × 450	30 × 18	762 × 457	559	495	149	170	224	-	299	-
750 × 400	30 × 16	762 × 406.4	559	483	146	166	219	-	292	-
750 × 350	30 × 14	762 × 355.6	559	483	141	166	211	-	285	-
750 × 300	30 × 12	762 × 323.9	559	473	137	156	206	-	275	-
750 × 250	30 × 10	762 × 273	559	460	132	150	198	-	264	-
800 × 800	32 × 32	820 × 820 813 × 813	597	597	-	-	303 302	-	405 402	-
800 × 750	32 × 30	813 × 762	597	584	-	-	290	-	386	-
800 × 700	32 × 28	820 × 720 713 × 711	597	572	-	-	291 277	-	388 370	-
800 × 650	32 × 26	813 × 660	597	572	-	-	271	-	362	-

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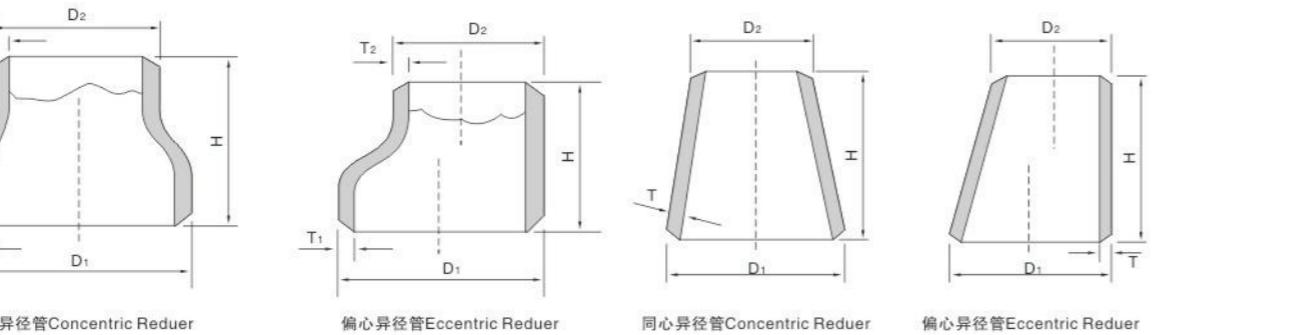
公称通径 Nominal diameter		外径 Outside diameter		中心至端面的距离 Center to end		理论重量kg/pc Approx weight				
DN	NPS	D <sub>1</sub> × D <sub>2</sub>	C	M	sch5S	sch10S	sch40S/ STD	sch40	sch80S/ XS	sch80
800 × 600	32 × 24	820 × 630 813 × 610	597	559	-	-	279 268	-	356 358	-
800 × 550	32 × 22	813 × 559	597	546	-	-	262	-	350	-
800 × 500	32 × 20	820 × 529 813 × 508	597	533	-	-	273 256	-	364 342	-
800 × 450	32 × 18	820 × 478 813 × 457	597	521	-	-	270 250	-	360 334	-
800 × 400	32 × 16	820 × 426 813 × 406.4	597	508	-	-	264 241	-	352 322	-
800 × 350	32 × 14	820 × 377 813 × 355.6	597	508	-	-	258 235	-	344 314	-
850 × 850	34 × 34	864 × 864	635	635	-	-	341	626	415	-
850 × 800	34 × 32	864 × 813	635	622	-	-	328	610	437	-
850 × 750	34 × 30	864 × 762	635	610	-	-	314	-	419	-
850 × 700	34 × 28	864 × 711	635	597	-	-	307	-	409	-
850 × 650	34 × 26	864 × 660	635	597	-	-	304	-	405	-
850 × 600	34 × 24	864 × 610	635	584	-	-	297	545	396	-
850 × 550	34 × 22	864 × 559	635	572	-	-	290	532	387	-
850 × 500	34 × 20	864 × 508	635	559	-	-	283	520	378	-
850 × 450	34 × 18	864 × 457	635	546	-	-	273	501	364	-
850 × 400	34 × 16	864 × 406.7	635	533	-	-	266	488	355	-
900 × 900	36 × 36	920 × 920 914 × 914	673	673	-	-	648 639	786 767	543 511	-
900 × 850	36 × 34	914 × 864	673	660	-	-	619	736	511	-
900 × 800	36 × 32	920 × 820 914 × 813	673	648	-	-	370 353	741 690	594 470	-
900 × 750	36 × 30	914 × 762	673	635	-	-	345	-	460	-
900 × 700	36 × 28	920 × 720 914 × 711	673	622	-	-	355 341	-	473 455	-
900 × 650	36 × 26	914 × 660	673	622	-	-	333	667	447	-
900 × 600	36 × 24	914 × 610	673	610	-	-	326	651	434	-
900 × 550	36 × 22	914 × 559	673	597	-	-	318	636	424	-
900 × 500	36 × 20	920 × 529 914 × 508	673	584	-	-	347 306	685 598	462 409	-
900 × 450	36 × 18	920 × 478 914 × 457	673	572	-	-	343 299	693 913	457 398</	

■ 异径接头(同心、偏心)  
Reducers (concentric and eccentric)

■ 上述尺寸符合 GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN 10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313标准。  
Above dimensions acc. to GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313.

理论重量按ANSI B16.19标准壁厚测算  
Weights are approximate and based on manufacturer's data, according to ANSI B16.19

We can provide:  
Stainless steel (304, 304L, 304H, 316, 316L, 316H, 321, 321H, 347H, 310S, 317L, 904L, S31254/S30254)  
Duplex steel (S31803/S32205/2205, S32750/2507, S32760)  
Special Alloy (N04400/400, N06625/625, N08825/825, N10276/C276, 800/800H, 600/600H)  
Our specialized products:  
stainless steel pipe fittings, stainless steel flanges and stainless steel tubes



公称通径 Nominal diameter		外径 Outside diameter	端面至端面的距离 End to end	理论重量kg/pc Approx weight							
DN	NPS			D1 × D2	H	sch5S	sch10S	sch40S/ STD	sch40	sch80S/ XS	sch80
20 × 15	3/4 × 1/2	25 × 18 26.7 × 21.3	38	0.03 0.04	0.04 0.04	0.05 0.06	0.05 0.06	0.07 0.07	0.07 0.07		
25 × 20	1 × 3/4	32 × 25 33.4 × 26.7	51	0.06 0.06	0.09 0.10	0.11 0.11	0.11 0.11	0.14 0.15	0.14 0.15		
25 × 15	1 × 1/2	32 × 18 33.4 × 21.3	51	0.05 0.06	0.08 0.09	0.09 0.10	0.09 0.10	0.12 0.13	0.12 0.13		
32 × 25	1.1/4 × 1	38 × 32 42.2 × 33.4	51	0.07 0.08	0.11 0.12	0.14 0.15	0.14 0.15	0.18 0.20	0.18 0.20		
32 × 20	1.1/4 × 3/4	38 × 25 42.2 × 26.7	51	0.06 0.07	0.10 0.11	0.13 0.14	0.13 0.14	0.16 0.18	0.16 0.18		
32 × 15	1.1/4 × 1/2	38 × 18 42.2 × 21.3	51	0.06 0.07	0.09 0.11	0.11 0.13	0.11 0.13	0.14 0.17	0.14 0.17		
40 × 32	1.1/2 × 1.1/4	45 × 38 48.3 × 33.4	64	0.11 0.11	0.17 0.19	0.22 0.24	0.22 0.24	0.29 0.32	0.29 0.32		
40 × 25	1.1/2 × 1	45 × 32 48.3 × 33.4	64	0.10 0.10	0.16 0.17	0.20 0.22	0.20 0.22	0.27 0.29	0.27 0.29		
40 × 20	1.1/2 × 3/4	45 × 25 48.3 × 26.7	64	0.09 0.10	0.15 0.16	0.18 0.20	0.18 0.20	0.24 0.26	0.24 0.26		
40 × 15	1.1/2 × 1/2	45 × 18 48.3 × 21.3	64	0.08 0.09	0.13 0.15	0.16 0.19	0.16 0.19	0.21 0.24	0.21 0.24		
50 × 40	2 × 1.1/2	57 × 45 60.3 × 48.3	76	0.16 0.17	0.26 0.27	0.35 0.37	0.35 0.37	0.47 0.51	0.47 0.51		
50 × 32	2 × 1.1/4	57 × 38 60.3 × 42.2	76	0.15 0.16	0.24 0.26	0.32 0.35	0.32 0.35	0.44 0.48	0.44 0.48		
50 × 25	2 × 1	57 × 32 60.3 × 33.4	76	0.14 0.14	0.22 0.24	0.30 0.32	0.30 0.32	0.41 0.44	0.41 0.44		
65 × 50	2.1/2 × 2	76 × 57 73.0 × 60.3	89	0.30 0.30	0.43 0.43	0.70 0.70	0.70 0.70	0.92 0.92	0.92 0.92		
65 × 40	2.1/2 × 1.1/2	76 × 45 73.0 × 48.3	89	0.28 0.28	0.40 0.40	0.64 0.63	0.64 0.63	0.84 0.83	0.84 0.83		
65 × 32	2.1/2 × 1.1/4	76 × 38 73.0 × 42.2	89	0.26 0.27	0.38 0.38	0.60 0.60	0.60 0.60	0.79 0.79	0.79 0.79		
65 × 25	2.1/2 × 1	76 × 32 73.0 × 33.4	89	0.25 0.25	0.36 0.35	0.57 0.56	0.57 0.56	0.75 0.73	0.75 0.73		
80 × 65	3 × 2.1/2	89 × 76 88.9 × 73.0	89	0.38 0.37	0.54 0.53	0.93 0.91	0.93 0.91	1.26 1.23	1.26 1.23		
80 × 50	3 × 2	89 × 57 88.9 × 60.3	89	0.34 0.35	0.48 0.49	0.83 0.84	0.83 0.84	1.11 1.13	1.11 1.13		

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公称通径 Nominal diameter	外径 Outside diameter	端面至端面的距离 End to end	理论重量kg/pc Approx weight							
			DN	NPS	D1 × D2	H	sch5S	sch10S	sch40S/ STD	sch40
80 × 40	3 × 1.1/2	89 × 45 88.9 × 48.3	89		0.31 0.32	0.45 0.45	0.76 0.78	0.76 0.78	1.02 1.05	1.02 1.05
90 × 80	3.1/2 × 3	101.6 × 88.9	102		0.50	0.72	1.29	1.29	1.77	1.77
90 × 65	3.1/2 × 2.1/2	101.6 × 73.0	102		0.46	0.66	1.12	1.12	1.63	1.63
90 × 50	3.1/2 × 2	101.6 × 60.3	102		0.43	0.62	1.10	1.10	1.51	1.51
90 × 40	4 × 3.1/2	101.6 × 48.3	102		0.41	0.58	1.03	1.03	1.40	1.40
100 × 90	3.1/2 × 1.1/2	114.3 × 101.6	102		0.57	0.82	1.55	1.55	2.41	2.41
100 × 80	4 × 3	108 × 89 114.3 × 88.9	102		0.52 0.54	0.75 0.77	1.41 1.46	1.41 1.46	1.94 2.02	1.94 2.02
100 × 65	4 × 2.1/2	108 × 76 114.3 × 73.0	102		0.49 0.50	0.70 0.72	1.32 1.35	1.32 1.35	1.82	1.82
100 × 50	4 × 2	108 × 57 114.3 × 60.3	102		0.44 0.48	0.64 0.68	1.19 1.27	1.19 1.27	1.64	1.64
125 × 100	5 × 4	133 × 108 141.3 × 114.3	127		1.04 1.11	1.27 1.35	2.35 2.50	2.35 2.50	3.33	3.33
125 × 90	5 × 3.1/2	141.3 × 101.6	127		1.06	1.29	2.38	2.38	3.38	3.38
125 × 80	5 × 3	133 × 89 141.3 × 88.9	127		0.97 1.01	1.18 1.23	2.17 2.27	2.17 2.27	3.07	3.07
125 × 65	5 × 2.1/2	133 × 76 141.3 × 73.0	127		0.92 0.95	1.12 1.16	2.06 2.14	2.06 2.14	2.91	2.91
150 × 125	6 × 5	159 × 133 168.3 × 141.3	140		1.40 1.48	1.71 1.81	3.42 3.64	3.42 3.64	5.14	5.14
150 × 100	6 × 4	159 × 108 168.3 × 114.3	140		1.29 1.37	1.58 1.67	3.15 3.36	3.15 3.36	4.72	4.72
150 × 90	6 × 3.1/2	168.3 × 101.6	140		1.32	1.61	3.23	3.23	4.83	4.83
150 × 80	6 × 3	159 × 89 168.3 × 88.9	140		1.21 1.26	1.48 1.53	2.96 3.07	2.96 3.07	4.41	4.41
200 × 150	8 × 6	219 × 159 219.1 × 168.3	152		2.00 2.04	2.70 2.75	5.65 5.77	5.65 5.77	8.55	8.55
200 × 125	8 × 5	219 × 133 219.1 × 141.3	152		1.90 1.93	2.56 2.60	5.35 5.44	5.35 5.44	8.09	8.09
200 × 100	8 × 4	219 × 108 219.1 × 114.3	152		1.80 1.83	2.43 2.46	5.07 5.			

■ 异径接头(同心、偏心)  
**Reducers (concentric and eccentric)**

■ 上述尺寸符合 GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN 10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313标准。  
Above dimensions acc. to GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN 10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313.

理论重量按ANSI B16.19标准壁厚测算  
Weights are approximate and based on manufacturer's data, according to ANSI B16.19

We can provide:  
Stainless steel (304, 304L, 304H, 316, 316L, 316H, 321, 321H, 347H, 310S, 317L, 904L, S31254/S30254)  
Duplex steel (S31803/S32205/2205, S32750/2507, S32760)  
Special Alloy (N04400/400, N06625/625, N08825/825, N10276/C276, 800/800H, 600/600H)  
Our specialized products:  
stainless steel pipe fittings, stainless steel flanges and stainless steel tubes

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公称通径 Nominal diameter		外径 Outside diameter	端面至端面的距离 End to end	理论重量kg/pc Approx weight					
DN	NPS	D1 × D2	H	sch5S	sch10S	sch40S/ STD	sch40	sch80S/ XS	sch80
300 × 150	12 × 6	325 × 159 323.9 × 168.3	203	5.17 5.22	5.95 6.00	12.0 12.1	12.9 13.0	15.7 15.9	21.2 21.4
350 × 300	14 × 12	377 × 325 355.6 × 323.9	330	11.4 11.0	13.7 13.2	26.6 25.6	30.9 29.8	35.1 33.8	51.6 49.8
350 × 250	14 × 10	377 × 273 355.6 × 273.1	330	10.6 10.2	12.8 12.3	24.8 23.8	28.8 27.7	32.7 31.4	48.0 46.1
350 × 200	14 × 8	377 × 219 355.6 × 219.1	330	9.89 9.46	11.9 11.4	23.0 22.0	26.7 25.5	30.3 29.0	44.5 42.5
350 × 150	14 × 6	377 × 159 355.6 × 168.3	330	9.63 9.22	11.0 10.5	21.1 20.2	24.5 23.5	27.8 26.6	40.7 38.9
400 × 350	16 × 14	426 × 377 406.4 × 355.6	356	14.9 14.1	16.9 16.1	32.9 31.2	43.5 41.2	43.5 41.2	71.7 67.9
400 × 300	16 × 12	426 × 325 406.4 × 323.9	356	14.0 13.6	16.0 15.4	31.0 29.9	40.9 39.5	40.9 39.5	67.4 65.1
400 × 250	16 × 10	426 × 273 406.4 × 273.1	356	13.2 12.7	15.0 14.5	29.1 28.1	38.4 37.1	38.4 37.1	63.1 60.9
400 × 200	16 × 8	426 × 219 406.4 × 219.1	356	12.4 11.9	14.1 13.6	27.3 26.2	36.0 34.6	36.0 34.6	59.1 56.7
400 × 150	16 × 6	426 × 159 406.4 × 168.3	356	11.5 9.96	13.1 12.7	25.3 24.5	33.3 32.3	33.3 32.3	54.5 52.7
450 × 400	18 × 16	478 × 426 457 × 406.4	381	17.9 17.1	20.4 19.5	39.7 37.9	58.8 56.1	52.6 50.1	96.1 91.6
450 × 350	18 × 14	478 × 377 457 × 355.6	381	17.1 16.2	19.4 18.5	37.7 35.8	55.8 53.0	49.9 47.4	91.1 86.3
450 × 300	18 × 12	478 × 325 457 × 323.9	381	16.2 15.7	18.5 17.9	35.8 34.7	53.0 51.2	47.4 45.8	86.3 83.4
450 × 250	18 × 10	478 × 273 457 × 273.1	381	15.4 14.8	17.6 16.9	34.1 32.8	50.3 48.4	45.0 43.3	81.8 78.6
450 × 200	18 × 8	478 × 219 457 × 219.1	381	14.5 14.0	16.5 15.9	32.0 30.8	47.3 45.5	42.3 40.7	76.7 73.7
500 × 450	20 × 18	529 × 478 508 × 457	508	30.4 29.1	35.2 33.7	59.1 56.6	92.5 88.6	78.2 74.9	156 150
500 × 400	20 × 16	529 × 426 508 × 406.4	508	28.9 27.7	33.4 32.0	56.2 53.8	87.9 84.1	74.4 71.1	149 142
500 × 350	20 × 14	529 × 377 508 × 355.6	508	27.6 26.3	31.9 30.4	53.6 51.0	83.8 79.7	70.9 67.4	142 135
500 × 300	20 × 12	529 × 325 508 × 323.9	508	26.2 25.4	30.3 29.4	50.8 49.3	79.4 77.0	67.2 65.1	134 130
500 × 250	20 × 10	529 × 273 508 × 273.1	508	24.8 24.0	28.7 27.8	48.2 46.7	75.2 72.8	63.7 61.7	127 123
500 × 200	20 × 8	529 × 219 508 × 219.1	508	23.5 22.7	27.1 26.2	45.5 43.9	70.9 68.5	60.1 58.0	119 115

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公称通径 Nominal diameter		外径 Outside diameter	端面至端面的距离 End to end	理论重量kg/pc Approx weight					
DN	NPS	D1 × D2	H	sch5S	sch10S	sch40S/ STD	sch40	sch80S/ XS	sch80
550 × 500	22 × 20	559 × 508	508	32.1	37.3	62.7	-	83.0	182
550 × 450	22 × 18	559 × 457	508	30.8	35.0	59.9	-	79.3	174
550 × 400	22 × 16	559 × 406.4	508	29.4	34.0	57.2	-	75.7	165
550 × 350	22 × 14	559 × 355.6	508	28.0	32.5	54.5	-	72.1	157
600 × 550	24 × 22	610 × 559	508	28.0	46.8	68.8	-	91.2	215
600 × 500	24 × 20	630 × 529 610 × 508	508	40.4 39.2	46.2 44.9	68.0 66.0	123 119	90.1 87.4	212 206
600 × 450	24 × 18	630 × 478 610 × 457	508	39.1 37.6	44.7 43.1	65.8 63.3	119 114	87.1 83.9	205 197
600 × 400	24 × 16	630 × 426 610 × 406.4	508	37.5 36.1	43.0 41.3	63.1 60.7	114 110	83.6 80.4	197 189
650 × 600	26 × 24	660 × 610	610	-	-	89.8	-	119	-
650 × 550	26 × 22	660 × 559	610	-	-	86.3	-	114	-
650 × 500	26 × 20	660 × 508	610	-	-	83.0	-	110	-
650 × 450	26 × 18	660 × 457	610	-	-	89.0	-	105	-
700 × 650	28 × 26	711 × 660	610	-	-	97.1	-	129	-
700 × 600	28 × 24	720 × 630 711 × 610	610	-	-	95.7 93.6	-	127 124	-
700 × 550	28 × 22	711 × 559	610	-	-	90.4	-	120	-
750 × 700	30 × 28	762 × 711	610	-	-	104	-	139	-
750 × 650	30 × 26	762 × 660	610	-	-	101	-	133	-
750 × 600	30 × 24	762 × 610	610	66.4	82.7	97.8	-	130	-
750 × 550	30 × 22	762 × 559	610	63.9	80.0	94.5	-	125	-
800 × 750	32 × 30	813 × 762	610	-	-	112	-	148	-
800 × 700	32 × 28	820 × 720 812 × 711	610	-	-	109 108	-	145 144	-
800 × 650	32 × 26	812 × 660	610	-	-	105	-	139	-
800 × 600	32 × 24	820 × 630 813 × 610	610	-	-	104 102	-	138 135	-
850 × 800	34 × 32	864 × 813	610	-	-	119	-	158	-
850 × 750	34 × 30	864 × 762	610	-	-	116	-	153	-
850 × 700	34 × 28	864 × 711	610	-	-	112	-	149	-
850 × 650	3								

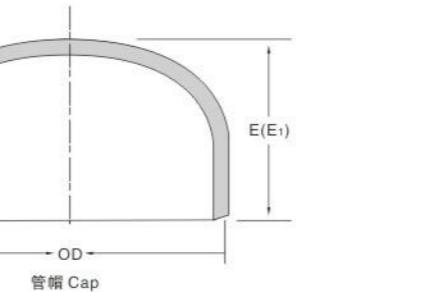
### ■ 管帽CAPS

■ 上述尺寸符合 GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN 10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313标准。

Above dimensions acc. to GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN 10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313.

理论重量按ANSI B16.19标准壁厚测算  
Weights are approximate and based on manufacturer's data, according to ANSI B16.19

We can provide:  
Stainless steel (304, 304L, 304H, 316, 316L, 316L, 316H, 321, 321H, 347H, 310S, 317L, 904L, S31254/SMO254)  
Duplex steel (S31803/S32205/2205, S32750/2507, S32760)  
Special Alloy (N04400/400, N06625/625, N08825/825, N10276/C276, 800/800H, 600/600H)  
Our specialized products:  
stainless steel pipe fittings, stainless steel flanges and stainless steel tubes



公称通径 Nominal diameter		外径 Outside diameter	背面至端面的距离 Back to end		(E型) 理论重kg/pc (E) Approx weight					
DN	NPS	OD	E	E1	sch5S	sch10S	sch40S/ STD	sch40	sch80S/ XS	sch80
15	1/2	18 21.3	25	25	0.019 0.022	0.024 0.028	0.031 0.037	0.031 0.037	0.042 0.050	0.042 0.050
20	3/4	25 26.7	25	25	0.027 0.029	0.033 0.035	0.045 0.048	0.045 0.048	0.060 0.065	0.060 0.065
25	1	32 33.7	38	38	0.049 0.052	0.083 0.087	0.101 0.106	0.101 0.106	0.136 0.143	0.136 0.143
32	1.1/4	38 42.4	38	38	0.058 0.065	0.099 0.110	0.126 0.141	0.126 0.141	0.173 0.193	0.173 0.193
40	1.1/2	45 48.3	38	38	0.071 0.076	0.118 0.127	0.158 0.169	0.158 0.169	0.218 0.234	0.218 0.234
50	2	57 60.3	38	44	0.094 0.099	0.156 0.165	0.221 0.234	0.221 0.234	0.313 0.331	0.313 0.331
65	2.1/2	76 73.0	38	51	0.167 0.161	0.241 0.232	0.409 0.393	0.409 0.393	0.555 0.534	0.555 0.534
80	3	89	51	64	0.254	0.367	0.660	0.660	0.917	0.917
90	3.1/2	101.6	64	76	0.355	0.512	0.965	0.965	1.36	1.36
100	4	108 114.3	64	76	0.387 0.410	0.561 0.594	1.11 1.17	1.11 1.17	1.58 1.67	1.58 1.67
125	5	133 139.7 141.3	76	89	0.769 0.808 0.817	0.945 0.993 1.00	1.82 1.91 1.93	1.82 1.91 1.93	2.65 2.78 2.81	2.65 2.78 2.81
150	6	159 168.3 165.2	89	102	1.07 1.13 1.11	1.31 1.39 1.36	2.74 2.90 2.85	2.74 2.90 2.85	4.22 4.47 4.39	4.22 4.47 4.39
200	8	219 216.1	102	127	1.76 1.74	2.38 2.35	5.19 5.13	5.19 5.13	8.05 7.95	8.05 7.95
250	10	273 267.4	127	152	3.36 3.29	4.14 4.05	9.15 8.96	9.15 8.96	12.5 12.2	16.3 16.4

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公称通径 Nominal diameter		外径 Outside diameter	背面至端面的距离 Back to end		(E型) 理论重kg/pc (E) Approx weight					
DN	NPS	OD	E	E1	sch5S	sch10S	sch40S/ STD	sch40	sch80S/ XS	sch80
300	12	325 323.9 318.5	152	187	5.12 5.11 5.02	6.40 6.39 6.27	13.5 13.3 13.2	14.6 14.4 14.2	17.9 17.7 17.3	28.3 27.1 26.8
350	14	377 355.6	165	191	6.00 5.66	8.46 7.87	16.9 15.9	19.9 18.8	22.5 21.2	38.5 35.2
400	16	426 406.4	178	203	6.93 6.60	7.91 7.53	21.0 20.0	28.2 28.0	52.0 49.1	
450	18	478 457.2	203	229	7.90 7.52	9.01 8.58	26.9 25.6	43.8 41.4	35.8 34.1	76.1 69.1
500	20	529 508.0	229	254	10.5 10.1	12.02 11.7	33.2 31.9	57.6 54.0	44.2 42.5	103 93.7
550	22	559	254	254	12.1	22.6	38.8	78.3	51.7	116
600	24	630 610	267	305	14.8 14.3	16.9 16.4	46.5 45.1	92.3 90.1	61.9 60.1	177 160
650	26	660	267	-	23.3	26.1	50.5	103.5	67.3	
700	28	720 711	267	-	27.1 38.7	32.4 49.7	56.9 56.2	151.1 121.3	75.6 74.9	
750	30	762	267	-	41.4	51.7	62.1	117.3	82.8	
800	32	820 813	267	-	43.4 43.1	58.3 57.7	70.6 70.0	127 126	92.0 91.2	
850	34	864	267	-	57.2	68.5	78.7	144	105	
900	36	920 914	267	-	60.3 59.1	74.6 72.1	86.6 85.7	172 171	115 114	

We can provide:  
Stainless steel (304, 304L, 304H, 316, 316L, 316L, 316H, 321, 321H, 347H, 310S, 317L, 904L, S31254/SMO254)  
Duplex steel (S31803/S32205/2205, S32750/2507, S32760)  
Special Alloy (N04400/400, N06625/625, N08825/825, N10276/C276, 800/800H, 600/600H)  
Our specialized products:  
stainless steel pipe fittings, stainless steel flanges and stainless steel tubes

### ■ 管帽CAPS

■ 上述尺寸符合 GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN 10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313标准。

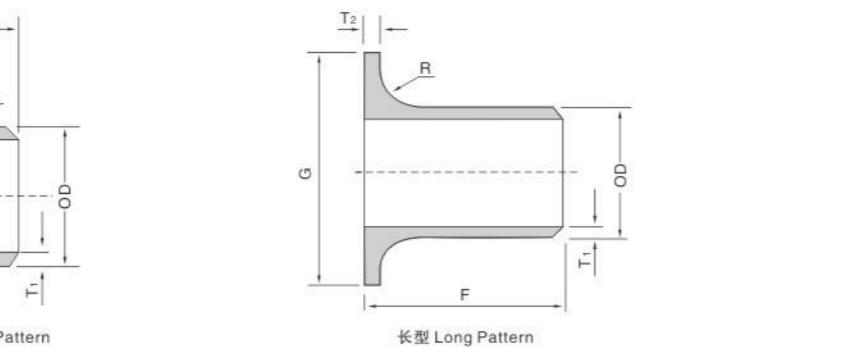
Above dimensions acc. to GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN 10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313.

理论重量按ANSI B16.19标准壁厚测算  
Weights are approximate and based on manufacturer's data, according to ANSI B16.19

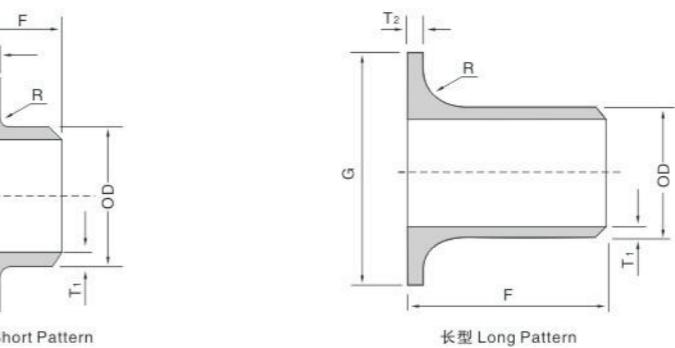
### ■ 翻边短接 Stub End

■ 上述尺寸符合MSS SP-43、  
ASME B16.9标准。  
Above dimensions acc.to  
MSS SP-43、ASME B16.9.

We can provide:  
Stainless steel (304, 304L, 304H, 316, 316L, 316L, 316H,  
321, 321H, 347H, 310S, 317L, 904L, S31254/SMO254)  
Duplex steel (S31803/S32205/2205, S32750/2507, S32760)  
Special Alloy (N04400/400, N06625/625, N08825/825,  
N10276/C276, 800/800H, 600/600H)  
Our specialized products:  
stainless steel pipe fittings, stainless steel flanges and  
stainless steel tubes



公称通径 Nominal diameter		外径 Outside diameter	长度 Length F		搭接外径 Diameter of lap Nominal & Maximum	圆角半径 Radius of Fillet R	(E型) 理论重kg/pc (E) Approx weight									
DN	NPS		OD	短型 SP	长型 LP		G	A Max	B Max	短型 SP	长型 LP	短型 SP	长型 LP	sch5S	sch10S	sch40S
15	1/2	21.3	50.8	76.2	35.1	3	0.75	0.049	0.067	0.062	0.084	0.079	0.106			
20	3/4	26.7	50.8	76.2	42.9	3	0.75	0.064	0.087	0.081	0.109	0.101	0.144			
25	1	33.4	50.8	101.6	50.8	3	0.75	0.082	0.144	0.134	0.233	0.160	0.279			
32	1.1/4	42.4	50.8	101.6	63.5	5	0.75	0.109	0.188	0.178	0.307	0.225	0.386			
40	1.1/2	48.3	50.8	101.6	73.2	6	0.75	0.129	0.219	0.213	0.358	0.279	0.467			
50	2	60.3	63.5	152.4	91.9	8	0.75	0.204	0.406	0.338	0.667	0.471	0.924			
65	2.1/2	73.0	63.5	152.4	104.6	8	0.75	0.313	0.626	0.448	0.893	0.740	1.465			
80	3	88.9	63.5	152.4	127.0	10	0.75	0.400	0.781	0.574	1.117	1.01	1.954			
90	3.1/2	101.6	76.2	152.4	139.7	10	0.75	0.522	0.896	0.650	1.283	1.38	2.35			
100	4	114.3	76.2	152.4	157.2	11	0.75	0.606	1.024	0.870	1.474	1.68	2.822			
125	5	141.3	76.2	203.2	185.7	11	1.5	0.985	2.153	1.21	2.635	2.08	4.957			
150	6	168.3	88.9	203.0	215.9	13	1.5	1.34	2.591	1.64	3.174	3.37	6.482			
200	8	219.1	101.6	203.2	269.7	13	1.5	1.96	3.409	2.65	4.607	5.67	9.819			
250	10	273.1	127	254.0	323.9	13	1.5	3.57	6.389	4.38	7.843	9.55	17.023			
300	12	323.9	152.4	254.0	381.0	13	1.5	5.85	8.922	6.74	10.275	13.8	21.075			
350	14	355.6	152.4	304.8	412.8	13	1.5	6.55	11.571	7.49	13.912	16.88	-			
400	16	406.4	152.4	304.8	469.9	13	1.5	7.778	14.216	8.797	16.078	-	-			
450	18	457.2	152.4	304.8	533.4	13	1.5	9.009	16.216	10.252	18.453	-	-			
500	20	508	152.4	304.8	584.2	13	1.5	11.102	19.984	13.202	23.764	-	-			
550	22	559	152.4	304.8	641.4	13	1.5	12.763	22.81	14.779	26.413	-	-			
600	24	610	152.4	304.8	692.2	13	1.5	16.132	28.839	18.476	33.028	-	-			

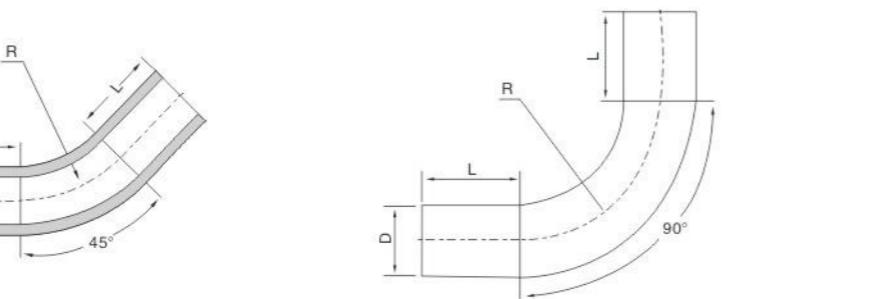


公称通径 Nominal pipe size DN	端部外径 Outside Diameter at Bevel D		长度 End to End	圆角半径 Radius of fillet	搭线直径 Diameter of lap
	A系列 Series A	B系列 Series B			
15	21.3	18	38	2	46
20	26.9	25	40	2	56
25	33.7	32	40	3	65
32	42.4	38	42	3	76
40	48.3	45	45	3	84
50	60.3	57	48	3	99
65	76.1	76	48	3	118
80	88.9	89	50	4	132
100	114.3	108	52	4	156
125	139.7	133	55	4	184
150	168.3	159	55	4	211
200	219.1	219	62	5	266
250	273	273	70	5	319
300	323.9	325	78	5	370
350	355.6	377	82	5	429
400	406.4	426	85	5	480
450	457	478	87	5	548
500	508	529	90	6	609
600	610	630	95	6	720

### ■ 翻边短接 Stub End

■ 本表尺寸适用(SE)对焊环松套钢管法兰  
(HG20599-97)PN1.6Mpa.  
客户要求不同压力及型号,请在合同上注明。  
Table size of the application (SE),  
Central-song sets of welded steel pipe flanges  
(HG20599-97) PN1.6Mpa.  
Customer requirements are different pressures  
and models, please indicate on the contract.

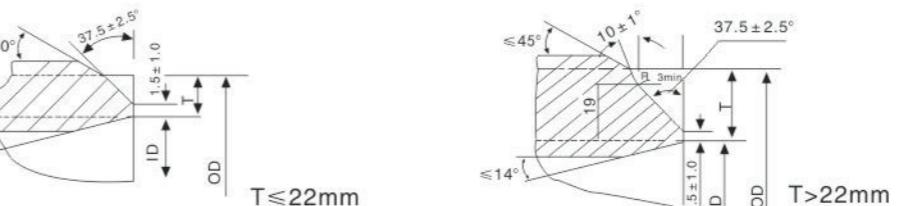
## ■ 弯管 BEND



项目 Item	内容 DESCRIPTION
标准 Standard	按DL/T 515《电站弯管》、SY 5257《钢制弯管》执行，或按顾客提出的标准或技术要求执行 according to DL/T 515《power station Bend》, SY 5257《steel Bend》, or customer's technical drawings
材料 Material	碳钢、合金钢、不锈钢 carbon steel, alloy steel, stainless steel
弯曲半径 R Bend Radius R	R≤6000mm,且R≥3D (用R等于3D、4D、5D、6D、7D、8D、9D、10D来表示弯曲半径, D为管子外径) R≥3D(R=3D,4D,5D,6D,7D,8D,9D,10D) D: outside diameter
弯曲角度 θ Bend Angle θ	常用为15°、30°、45°、60°、90°、135°和180°，也可按顾客提出的角度弯制 normally 15° ,30° ,45° ,60° ,90° ,135° ,180° or at customer's option
直段长度 L Length of Straight L	弯管两端段长度一般在300mm-1500mm, 由顾客确定长度的大小 normally between 300mm and 1500mm in length of straight, It is at customer's option
外径 D Outside Diameter D	D≤1220mm
壁厚 T Wall Thickness T	T≤120mm
端部坡口 End Bevel	按对焊管件焊端坡口结构型式执行 according to welding bevel of butt welding fitting
重量 Weight	重量/kg= $\frac{0.0433(D-T)TR\theta}{100000} + L$ (双端直管段重量) Weight/kg = $\frac{0.0433(D-T)TR\theta}{100000} + L$ (Weight of DoubleSides Straight Length)

We can provide:  
Stainless steel (304, 304L, 304H, 316, 316L, 316L, 316H, 321, 321H, 347H, 310S, 317L, 904L, S31254/SMO254)  
Duplex steel (S31803/S32205/2205, S32750/2507, S32760)  
Special Alloy (NO4400/400, NO6625/625, NO8825/825, N10276/C276, 800/800H, 600/600H)  
Our specialized products:  
stainless steel pipe fittings, stainless steel flanges and stainless steel tubes

管件坡口形式 Welding Bevel of Fittings  
GB/T12459、ASME/ANSI B169

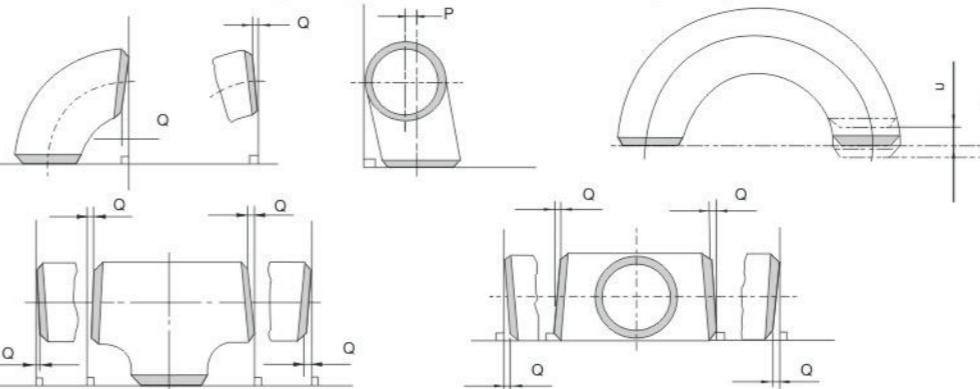


注: 极限公差在不同标准中可能会略有差异。  
Limiting tolerances can be slightly difference between the different standards and codes.

对焊管件尺寸公差 Tolerances for butt-welding fittings

项目	管件种类	公称通径DN				
		15~65	80~100	125~200	250~450	500
端部外径 D1, D2, D3	所有管件	+1.6 -0.8	± 1.6	+2.4 -1.6	+4.0 -3.2	+6.4 -4.8
端部内径d1)		± 0.8	± 1.6	± 3.2	± 4.8	
壁厚T, T1, T2		不小于公称壁厚的87.5%				
中心至端面B, A	45° 弯头、90° 弯头	± 2		± 3		
中心至中心P	180° 弯头	± 7		± 10		
背面至端面K			± 7			
长度L	异径管	± 2		± 3		
中心至端面C, M	三通、四通	± 2		± 3		
全长E, E1	管帽	± 4		± 7		

GB/T12459 对焊管件形位公差表 Angularity tolerance of butt-welding fittings



项目	管件种类	公称通径DN				
		15~100	125~200	250~300	350~400	450~500
Q	弯头、三通、异径管、四通	1	2	3	4	
P	弯头、三通、四通	2	4	5	7	10
U	180° 弯头		1		2	

## ■ 管件坡口形式 Welding bevel of fittings

- 对焊管件尺寸公差  
Tolerances for butt-welding fittings
- GB/T12459对焊管件形位公差表  
Angularity tolerance of butt-welding fittings

We can provide:  
Stainless steel (304, 304L, 304H, 316, 316L, 316L, 316H, 321, 321H, 347H, 310S, 317L, 904L, S31254/SMO254)  
Duplex steel (S31803/S32205/2205, S32750/2507, S32760)  
Special Alloy (NO4400/400, NO6625/625, NO8825/825, N10276/C276, 800/800H, 600/600H)  
Our specialized products:  
stainless steel pipe fittings, stainless steel flanges and stainless steel tubes

■ GB/T 12459  
**对焊管件形位公差表**  
**Angularity tolerance of butt-welding fittings**

■ GB/T 13401  
**对焊管件形位公差表**  
**Angularity tolerance of butt-welding fittings**

We can provide:  
Stainless steel (304, 304L, 304H, 316, 316L, 316L, 316H, 321, 321H, 347H, 310S, 317L, 904L, S31254/SMO254)  
Duplex steel (S31803/S32205/2205, S32750/2507, S32760)  
Special Alloy (N04400/400, N06625/625, N08825/825, N10276/C276, 800/800H, 600/600H)  
Our specialized products:  
stainless steel pipe fittings, stainless steel flanges and stainless steel tubes

GB/T 12459 对焊管件形位公差表 Angularity tolerance of butt-welding fittings

项目	管件种类	公称通径范围				
		15~65	80~100	125~200	250~450	500
极限偏差						
端部外径	所有管件	+1.6 -0.8	± 1.6	+2.4 -1.6	+4.0 -3.2	+6.4 -4.8
端部内径		± 0.8	± 1.6	± 3.2	± 4.8	
壁厚		不小于公称壁厚的87.5%				
中心至端部尺寸H、F	45° 弯头、90° 弯头	± 2		± 3		
中心至中心尺寸P	180° 弯头	± 7		± 10		
背面至端部尺寸K		± 7				
长度L	异径接头	± 2		± 3		
中心至端面尺寸C、M	三通	± 2		± 3		
背面至端面尺寸E、E1	管帽	± 4		± 7		

项目	管件种类	公称通径范围				
		15~65	80~100	125~200	250~450	500
极限偏差						
X	弯头、三通、异径管、四通	1	2	3	4	
Y	弯头、三通、四通	2	4	5	7	10
U	180° 弯头	1		2		

注：1)除非用户有特殊要求，应优先保证端外径和公称壁厚的极限偏差

GB/T 13401 对焊管件形位公差表 Angularity tolerance of butt-welding fittings

项目	管件种类	公称通径范围				
		150~200	250~450	500~600	650~750	800~1200
极限偏差						
端部外径	所有管件	± 2.4 -1.6	+4.0 -3.2		+6.4 -4.8	
端部内径 <sup>1</sup>		± 1.6	± 3.2	± 4.8		
壁厚		不小于公称壁厚的87.5%				
中心至端部尺寸H、F	45° 弯头、90° 弯头	-	± 3	± 5		
长度L	异径接头	-	± 3	± 5		
中心至端面尺寸C、M	三通四通	-	± 3	± 5		
背面至端面尺寸E	管帽	± 7	± 10			
端部最大最小外径差	所有管件	不大于0.01DN, 且不大于S				

项目	管件种类	公称通径范围				
		350~400	400~600	650~750	800~1050	1100~1200
公 差						
端面偏摆X	弯头、三通异径接头、三通	3	4	5		
中心偏摆Y	弯头、三通、四通	7	10	13	19	

注：1)除非用户有特殊要求，应优先保证端外径和公称壁厚的极限偏差

2)对于异径管件，其尺寸偏差是按大径端的公称通径分给定的

对焊管件形位公差表ASME/ANSI B 16.9、B 16.28

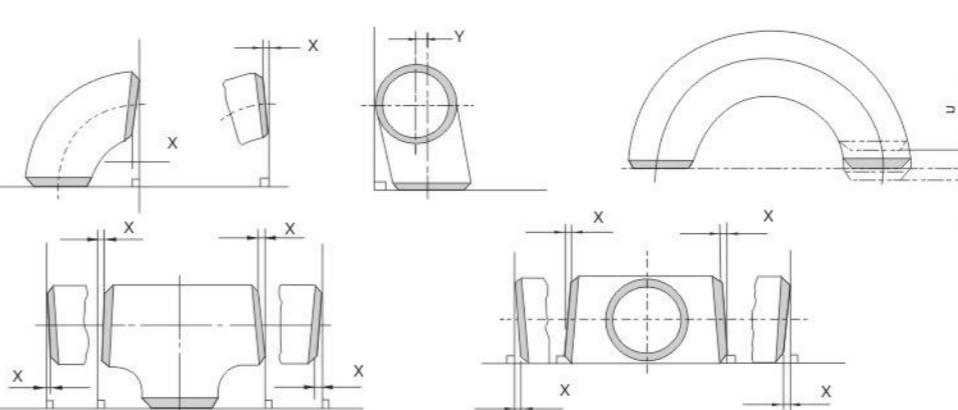
Angularity tolerance of butt-welding fittings ASME/ANSI B 16.9、B 16.28

项目	管件种类	公称通径DN(in.)						
		1/2~2 1/2	3~3 1/2	4	5~8	10~18	20~24	26~30
极限偏差								
端部外径D、D1、D2	所有管件	+1.52 -0.76	± 1.52	+2.29 -1.52	+4.06 -3.05	+6.35 -4.83		
端部内径d <sup>1),2)</sup>		± 0.76	± 1.52	± 3.05	± 4.83			
壁厚T、T1、T2		不小于公称壁厚的87.5%						
中心至端面H、F、C、M	45° 90° 弯头 三通/四通	± 1.52		± 2.29	± 3.05	± 4.83		
中心至中心P	180° 弯头	± 6.35		± 9.65	-			
背面至端面K		± 6.35		-				
U		± 0.76		± 1.52	-			
长度L	异径管、翻边短接	± 1.52		± 2.29	± 4.83			
全长E、E1	管帽	± 3.05		± 6.35	± 9.65			
搭接直径G	翻边短接	0 -0.76		0 -1.52				
		+1.52 0						
搭接厚度t 圆角半径R		0 -0.76		0 -1.52				

注：1)除非用户有特殊要求，应优先保证端外径和公称壁厚的极限偏差

2)端部内径为端部外径两倍的公称壁厚的差

3)圆度为外径正、负偏差绝对值之和



■ 对焊管件形位公差表  
**Angularity tolerance of butt-welding fittings ASME/ANSI B 16.9、B 16.28**

We can provide:  
Stainless steel (304, 304L, 304H, 316, 316L, 316L, 316H, 321, 321H, 347H, 310S, 317L, 904L, S31254/SMO254)  
Duplex steel (S31803/S32205/2205, S32750/2507, S32760)  
Special Alloy (N04400/400, N06625/625, N08825/825, N10276/C276, 800/800H, 600/600H)  
Our specialized products:  
stainless steel pipe fittings, stainless steel flanges and stainless steel tubes

■ 外径和壁厚表  
Outside diameter and  
wall thickness  
GB/T 12459-2017

SCH5s、10s、20s用于不锈钢管件  
SCH5s、10s、20s applies for  
stainless steel fittings.

We can provide:  
Stainless steel (304, 304L, 304H, 316, 316L, 316L, 316H,  
321, 321H, 347H, 310S, 317L, 904L, S31254/SMO254)  
Duplex steel (S31803/S32205/2205, S32750/2507, S32760)  
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N10276/C276, 800/800H, 600/600H)  
Our specialized products:  
stainless steel pipe fittings, stainless steel flanges and  
stainless steel tubes

外径和壁厚表 Outside diameter and wall thickness  
GB/T 12459-2017

公称通径 Nominal Pipe Size	外径 Outside Diameter		公称壁厚 T Nominal Wall Thickness																	
	D	DN	公称壁厚 T Nominal Wall Thickness																	
			A	B	SCH 5s	SCH 10s	SCH 10	SCH 20	SCH 30	SCH 40s	STD	SCH 40	SCH 60	SCH 80s	XS	SCH 80	SCH 100	SCH 120	SCH 140	SCH 160
15	21.3	18	1.65	2.11	--	--	2.77	2.77	2.77	--	3.73	3.73	3.73	--	--	4.78	7.47			
20	26.9	25	1.65	2.11	--	--	2.87	2.87	2.87	--	3.91	3.91	3.91	--	--	5.56	7.82			
25	33.7	32	1.65	2.77	--	--	3.38	3.38	3.38	--	4.55	4.55	4.55	--	--	6.35	9.09			
32	42.4	38	1.65	2.77	--	--	3.56	3.56	3.56	--	4.85	4.85	4.85	--	--	6.35	9.70			
40	48.3	45	1.65	2.77	--	--	3.68	3.68	3.68	--	5.08	5.08	5.08	--	--	7.14	10.15			
50	60.3	57	1.65	2.77	--	--	3.91	3.91	3.91	--	5.54	5.54	5.54	--	--	8.74	11.07			
65	73.0	76	2.11	3.05	--	--	5.16	5.16	5.16	--	7.01	7.01	7.01	--	--	9.53	14.02			
80	88.9	89	2.11	3.05	--	--	5.49	5.49	5.49	--	7.62	7.62	7.62	--	--	11.13	15.24			
90	101.6	--	2.11	3.05	--	--	5.74	5.74	5.74	--	8.08	8.08	8.08	--	--	--	--	--	--	--
100	114.3	108	2.11	3.05	--	--	6.02	6.02	6.02	--	8.56	8.56	8.56	--	11.13	--	13.49	17.12		
125	141.3	133	2.77	3.40	--	--	6.55	6.55	6.55	--	9.53	9.53	9.53	--	12.70	--	15.88	19.05		
150	168.3	159	2.77	3.40	--	--	7.11	7.11	7.11	--	10.97	10.97	10.97	--	14.27	--	18.26	21.95		
200	219.1	219	2.77	3.76	--	6.35	7.04	8.18	8.18	8.18	10.31	12.70	12.70	12.70	15.09	18.26	20.62	23.01	22.23	
250	273.0	273	3.40	4.19	--	6.35	7.80	9.27	9.27	9.27	12.70	12.70	12.70	15.09	18.26	21.44	25.40	28.58	25.40	
300	323.9	325	3.96	4.57	--	6.35	8.38	9.53	9.53	10.31	14.27	12.70	12.70	17.48	21.44	25.40	28.58	33.32	25.40	
350	355.6	377	3.96	4.78	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	406.4	426	4.19	4.78	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	457	480	4.19	4.78	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	508	530	4.78	5.54	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	559	--	4.78	5.54	6.35	9.53	12.70	--	9.53	--	22.23	--	12.70	28.58	34.93	41.28	47.63	53.98	--	
600	610	630	5.54	6.35	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	660	--	--	--	7.92	12.70	--	--	9.53	--	--	12.70	--	--	--	--	--	--	--	
700	711	720	--	--	7.92	12.70	15.88	--	9.53	--	--	12.70	--	--	--	--	--	--	--	
750	762	--	6.35	7.92	7.92	12.70	15.88	--	9.53	--	--	12.70	--	--	--	--	--	--	--	
800	813	820	--	--	7.92	12.70	15.88	--	9.53	17.48	--	--	12.70	--	--	--	--	--	--	
850	864	--	--	--	7.92	12.70	15.88	--	9.53	17.48	--	--	12.70	--	--	--	--	--	--	
900	914	--	--	--	7.92	12.70	15.88	--	9.53	19.05	--	--	12.70	--	--	--	--	--	--	
950	965	--	--	--	--	--	--	--	9.53	--	--	12.70	--	--	--	--	--	--	--	
1000	1016	--	--	--	--	--	--	--	9.53	--	--	12.70	--	--	--	--	--	--	--	
1050	1067	--	--	--	--	--	--	--	9.53	--	--	12.70	--	--	--	--	--	--	--	
1100	1118	--	--	--	--	--	--	--	9.53	--	--	12.70	--	--	--	--	--	--	--	
1150	1168	--	--	--	--	--	--	--	9.53	--	--	12.70	--	--	--	--	--	--	--	
1200	1219	--	--	--	--	--	--	--	9.53	--	--	12.70	--	--	--	--	--	--	--	

外径和壁厚表 Outside diameter and wall thickness  
SH3408、SH3409

公称通径 Nominal Pipe Size	外径 Outer Diameter		公称壁厚 T Nominal Wall Thickness															
	D	DN	公称壁厚 T Nominal Wall Thickness															
			SCH5s	SCH10s	SCH10	SCH20	SCH30	SCH40s										

■ 外径和壁厚表  
Outside diameter and  
wall thickness  
ASME B36.10M B36.16M

SCH5s、10s、40s、80s  
用于不锈钢管件  
SCH5s、10s、40s、80s  
applies for stainless steel fittings.

We can provide:  
Stainless steel (304, 304L, 304H, 316, 316L, 316L, 316H,  
321, 321H, 347H, 310S, 317L, 904L, S31254/SMO254)  
Duplex steel (S31803/S32205/2205, S32750/2507, S32760)  
Special Alloy (N04400/400, N06625/625, N08825/825,  
N10276/C276, 800/800H, 600/600H)  
Our specialized products:  
stainless steel pipe fittings, stainless steel flanges and  
stainless steel tubes

外径和壁厚表 Outside diameter and wall thickness ASME  
B36.10M、B36.19M

公称通径 Nominal Pipe Size	外径 Outer Diameter	公称壁厚 T Nominal Wall Thickness																			
		DN	NPS	D	SCH 5s	SCH 10s	SCH 10	SCH 20	SCH 30	SCH 40s	STD	SCH 40	SCH 60	SCH 80s	XS	SCH 80	SCH 100	SCH 120	SCH 140	SCH 160	XXS
6	1/8	10.3	--	1.24	--	--	--	1.73	1.73	1.73	--	2.41	2.41	2.41	--	--	--	--	--	--	
8	1/4	13.7	--	1.65	--	--	--	2.24	2.24	2.24	--	3.02	3.02	3.02	--	--	--	--	--	--	
10	3/8	17.1	--	1.65	--	--	--	2.31	2.31	2.31	--	3.20	3.20	3.20	--	--	--	--	--	--	
15	1/2	21.3	1.65	2.11	--	--	--	2.77	2.77	2.77	--	3.73	3.73	3.73	--	--	--	4.78	7.47	--	
20	3/4	26.7	1.65	2.11	--	--	--	2.87	2.87	2.87	--	3.91	3.91	3.91	--	--	--	5.56	7.82	--	
25	1	33.4	1.65	2.77	--	--	--	3.38	3.38	3.38	--	4.55	4.55	4.55	--	--	--	6.35	9.09	--	
32	1 1/4	42.2	1.65	2.77	--	--	--	3.56	3.56	3.56	--	4.85	4.85	4.85	--	--	--	6.35	9.70	--	
40	1 1/2	48.3	1.65	2.77	--	--	--	3.68	3.68	3.68	--	5.08	5.08	5.08	--	--	--	7.14	10.15	--	
50	2	60.3	1.65	2.77	--	--	--	3.91	3.91	3.91	--	5.54	5.54	5.54	--	--	--	8.74	11.07	--	
65	2 1/2	73.0	2.11	3.05	--	--	--	5.16	5.16	5.16	--	7.01	7.01	7.01	--	--	--	9.53	14.02	--	
80	3	88.9	2.11	3.05	--	--	--	5.49	5.49	5.49	--	7.62	7.62	7.62	--	--	--	11.13	15.24	--	
90	3 1/2	101.6	2.11	3.05	--	--	--	5.74	5.74	5.74	--	8.08	8.08	8.08	--	--	--	--	--	--	
100	4	114.3	2.11	3.05	--	--	--	6.02	6.02	6.02	--	8.56	8.56	8.56	--	11.13	--	13.49	17.12	--	
125	5	141.3	2.77	3.40	--	--	--	6.55	6.55	6.55	--	9.53	9.53	9.53	--	12.70	--	15.88	19.05	--	
150	6	168.3	2.77	3.40	--	--	--	7.11	7.11	7.11	--	10.97	10.97	10.97	--	14.27	--	18.26	21.95	--	
200	8	219.1	2.77	3.76	--	--	--	6.35	7.04	8.18	8.18	8.18	10.31	12.70	12.70	15.09	18.26	20.62	23.01	22.23	
250	10	273.1	3.40	4.19	--	--	--	6.35	7.80	9.27	9.27	9.27	12.70	12.70	12.70	15.09	18.26	21.44	25.40	25.40	
300	12	323.9	3.96	4.57	--	--	--	6.35	8.38	9.53	9.53	10.31	14.27	12.70	12.70	17.48	21.44	25.40	28.58	33.32	25.40
350	14	355.6	3.96	4.78	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	4.19	4.78	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	4.19	4.78	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	4.78	5.54	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	559	4.78	5.54	6.35	9.53	12.70	--	9.53	--	22.23	--	12.70	28.58	34.93	41.28	47.63	53.98	--	--	--
600	24	610	5.54	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	--	--	7.92	12.70	--	--	9.53	--	--	--	12.70	--	--	--	--	--	--	--	--
700	28	711	--	--	7.92	12.70	15.88	--	9.53	--	--	--	12.70	--	--	--	--	--	--	--	--
750	30	762	6.35	7.92	7.92	12.70	15.88	--	9.53	--	--	--	12.70	--	--	--	--	--	--	--	--
800	32	813	--	--	7.92	12.70	15.88	--	9.53	17.48	--	--	12.70	--	--	--	--	--	--	--	--
850	34	864	--	--	7.92	12.70	15.88	--	9.53	17.48	--	--	12.70	--	--	--	--	--	--	--	--
900	36	914	--	--	7.92	12.70	15.88	--	9.53	19.05	--	--	12.70	--	--	--	--	--	--	--	--
950	38	965	--	--	--	--	--	--	9.53	--	--	--	12.70	--	--	--	--	--	--	--	--
1000	40	1016	--	--	--	--	--	9.53	--	--	--	12.70	--	--	--	--	--	--	--	--	--
1050	42	1067	--	--	--	--	--	9.53	--	--	--	12.70	--	--	--	--	--	--	--	--	--
1100	44	1118	--	--	--	--	--	9.53	--	--	--	12.70	--	--	--	--	--	--	--	--	--
1150	46	1168	--	--	--	--	--	9.53	--	--	--	12.70	--	--	--	--	--	--	--	--	--
1200	48	1219	--	--	--	--	--	9.53	--	--	--	12.70	--	--	--	--	--	--	--	--	--

We can provide:  
Stainless steel (304, 304L, 304H, 316, 316L, 316L, 316H,  
321, 321H, 347H, 310S, 317L, 904L, S31254/SMO254)  
Duplex steel (S31803/S32205/2205, S32750/2507, S32760)  
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N10276/C276, 800/800H, 600/600H)  
Our specialized products:  
stainless steel pipe fittings, stainless steel flanges and  
stainless steel tubes

外径和壁厚表 Outside diameter and wall thickness  
JIS B2311、B2312、B2313

公称通径 Nominal Pipe Size	外径 Outer Diameter	公称壁厚 T Nominal Wall Thickness																	
DN	NPS	D	SGP	SCH 5s	SCH 10s	SCH 10</th													

**奥氏体不锈钢化学成分对照表**  
**Chemical composition table of stainless steel**

We can provide:  
Stainless steel (304, 304L, 304H, 316, 316L, 316L, 316H, 321, 321H, 347H, 310S, 317L, 904L, S31254/SM0254)  
Duplex steel (S31803/S32205/2205, S32750/2507, S32760)  
Special Alloy (N04400/400, N06625/625, N08825/825, N10276/C276, 800/800H, 600/600H)  
Our specialized products:  
stainless steel pipe fittings, stainless steel flanges and stainless steel tubes

奥氏体不锈钢化学成分对照表 Chemical composition table of stainless steel

国别	标准	GB钢号	化学成份(%)								机械性能				
			C≤	Mn≤	Si≤	S≤	P≤	Cr	Ni	Mo	其它	σ <sub>b</sub> (Mpa)	σ <sub>0.5</sub> (Mpa)	δ (%)	HBW≤
中国 China	GB/T13401	SF304	0.08	2.00	1.00	0.03	0.045	17.50-20.00	8.00-11.00			515	205	30	201
		SF304L	0.03	2.00	1.00	0.03	0.045	17.50-20.00	8.00-13.00			480	170	30	201
		SF321	0.08	2.00	1.00	0.03	0.045	17.00-19.00	9.00-12.00		Ti:5C-0.70	515	205	30	201
		SF316	0.08	2.00	1.00	0.03	0.045	16.00-18.00	10.00-14.00	2.00-3.00		515	205	30	201
		SF316L	0.03	2.00	1.00	0.03	0.045	16.00-18.00	10.00-15.00	2.00-3.00		480	170	30	201
		SF310	0.10	2.00	1.50	0.03	0.045	24.00-26.00	19.00-22.00			515	205	30	201
		SF347	0.08	2.00	1.00	0.03	0.045	17.00-20.00	9.00-13.00		Nb:10C-1.10	515	205	30	201
		S30400	0.08	2.00	1.00	0.03	0.045	18.00-20.00	8.00-11.00			515	205	28	
		S30403	0.08	2.00	1.00	0.03	0.045	18.00-20.00	8.00-12.00			485	170	28	
		S32100	0.08	2.00	1.00	0.03	0.045	17.00-19.00	9.00-12.00		Ti:5(X(N)-0.70)	515	205	28	
		S31600	0.08	2.00	1.00	0.03	0.045	16.00-18.00	10.00-14.00	2.0-3.0		515	205	28	
		S31603	0.08	2.00	1.00	0.03	0.045	16.00-18.00	10.00-14.00	2.0-3.0		485	170	28	
		S31700	0.08	2.00	1.00	0.03	0.045	18.00-20.00	11.00-15.00	3.0-4.0		515	205	28	
		S31703	0.08	2.00	1.00	0.03	0.045	18.00-20.00	11.00-15.00	3.0-4.0		515	205	28	
美国 America	ASTM A403	S310S	0.08	2.00	1.00	0.03	0.045	24.00-26.00	19.00-22.00			515	205	28	
		S34700	0.08	2.00	1.00	0.03	0.045	17.00-19.00	9.00-12.00		Nb:10C-1.10	515	205	28	
		1.4301	0.07	2.00	1.00	0.015	0.045	17.00-19.50	8.00-10.50			500-700	195	40	
		1.4307	0.03	2.00	1.00	0.015	0.045	17.50-19.50	8.00-10.00			470-670	180	40	
		1.4541	0.08	2.00	1.00	0.015	0.045	17.00-19.00	9.00-12.00		Ti:5XC-0.70	500-730	200	35	
		1.4401	0.07	2.00	1.00	0.015	0.045	16.50-18.50	10.00-13.00	2.00-2.5		510-710	205	40	
		1.4404	0.03	2.00	1.00	0.015	0.045	16.50-18.50	10.00-13.00	2.00-2.5		490-690	190	40	
		1.4571	0.08	2.00	1.00	0.015	0.045	16.50-18.50	10.50-13.50	2.00-2.5	Ti:5XC-0.70	500-730	210	35	
		1.4550	0.08	2.00	1.00	0.015	0.045	17.00-19.00	9.00-12.00		Nb:10C-1.00	510-740	205	35	
欧洲 Euro	EN10253-4	SUS304	0.08	2.00	1.00	0.03	0.045	18.00-20.00	8.00-10.50			520	205	35	
		SUS304L	0.03	2.00	1.00	0.03	0.045	18.00-20.00	9.00-13.00			480	175	35	
		SUS321	0.08	2.00	1.00	0.03	0.045	17.00-19.00	9.00-13.00		Ti:5XC以上	520	205	35	
		SUS316	0.08	2.00	1.00	0.03	0.045	16.00-18.00	10.00-14.00	2.00-3.00		520	205	35	
		SUS316L	0.03	2.00	1.00	0.03	0.045	16.00-18.00	12.00-15.00	2.00-3.00		480	175	35	
		SUS317	0.08	2.00	1.00	0.03	0.045	18.00-20.00	11.00-15.00	3.00-4.00		520	205	35	
		SUS317L	0.03	2.00	1.00	0.03	0.045	18.00-20.00	11.00-15.00	3.00-4.00		480	175	35	
		SUS310S	0.08	2.00	1.00	0.03	0.045	24.00-26.00	19.00-22.00			520	205	35	
		SUS347	0.08	2.00	1.00	0.03	0.045	17.00-19.00	9.00-13.00		Nb:10C以上	520	205	35	
日本 Japan	JIS 3459/3468	SUS304	0.08	2.00	1.00	0.03	0.045	18.00-20.00	8.00-10.50			520	205	35	
		SUS304L	0.03	2.00	1.00	0.03	0.045	18.00-20.00	9.00-13.00			480	175	35	
		SUS321	0.08	2.00	1.00	0.03	0.045	17.00-19.00	9.00-13.00		Ti:5XC以上	520	205	35	
		SUS316	0.08	2.00	1.00	0.03	0.045	16.00-18.00	10.00-14.00	2.00-3.00		520	205	35	
		SUS316L	0.03	2.00	1.00	0.03	0.045	16.00-18.00	12.00-15.00	2.00-3.00		480	175	35	
		SUS317	0.08	2.00	1.00	0.03	0.045	18.00-20.00	11.00-15.00	3.00-4.00		520	205	35	
		SUS317L	0.03	2.00	1.00	0.03	0.045	18.00-20.00	11.00-15.00	3.00-4.00		480	175	35	
		SUS310S	0.08	2.00	1.00	0.03	0.045	24.00-26.00	19.00-22.00			520	205	35	
		SUS347	0.08	2.00	1.00	0.03	0.045	17.00-19.00	9.00-13.00		Nb:10C以上	520	205	35	

**美标化学成份对照表  
A403 and A815 Chemical Requirements**

We can provide:  
Stainless steel (304, 304L, 304H, 316, 316L, 316L, 316H, 321, 321H, 347H, 310S, 317L, 904L, S31254/SMO254)  
Duplex steel (S31803/S32205/2205, S32750/2507, S32760)  
Special Alloy (N04400/400, N06625/625, N08825/825, N10276/C276, 800/800H, 600/600H)  
Our specialized products:  
stainless steel pipe fittings, stainless steel flanges and stainless steel tubes

**美标化学成份对照表 A403 and A815 Chemical Requirements**

Composition, %											
Grade											
Grade WP	Grade CR	UNS Designation	C	Mn	P	S	Si	Ni	Cr	Mo	Others
WP304	CR304	S30400	0.08	2.00	0.045	0.030	1.00	8.0~11.0	18.0~20.0	-	-
WP304L	CR304L	S30403	0.03	2.00	0.045	0.030	1.00	8.0~12.0	18.0~20.0	-	-
WP304H	CR304H	S30409	0.04~0.10	2.00	0.045	0.030	1.00	8.0~11.0	18.0~20.0	-	-
WP309	CR309	S30900	0.20	2.00	0.045	0.030	1.00	12.0~15.0	22.0~24.0	-	-
WP310S	CR310S	S31008	0.08	2.00	0.045	0.030	1.00	19.0~22.0	24.0~26.0	-	-
WP31254	CR31254	S31254	0.02	1.00	0.030	0.010	0.08	17.5~18.5	19.5~20.5	6.0~6.5	Cu0.50~1.00 N 0.18~0.22
WP316	CR316	S31600	0.08	2.00	0.045	0.030	1.00	10.0~14.0	16.0~18.0	2.00~3.00	-
WP316L	CR316L	S31603	0.03	2.00	0.045	0.030	1.00	10.0~14.0	16.0~18.0	2.00~3.00	-
WP316H	CR316H	S31609	0.04~0.10	2.00	0.045	0.030	1.00	10.0~14.0	16.0~18.0	2.00~3.00	-
WP317	CR317	S31700	0.08	2.00	0.045	0.030	1.00	11.0~15.0	18.0~20.0	3.00~4.00	-
WP317L	CR317L	S31703	0.03	2.00	0.045	0.030	1.00	11.0~15.0	18.0~20.0	3.00~4.00	-
WPS31726	CRS31726	S31726	0.03	2.00	0.045	0.030	1.00	13.5~17.5	17.0~20.0	4.0~5.0	N 0.10~0.20
WP321	CR321	S32100	0.08	2.00	0.045	0.030	1.00	9.0~12.0	17.0~19.0	-	Ti 5(C+N)~0.7
WP321H	CR321H	S32109	0.04~0.10	2.00	0.045	0.030	1.00	9.0~12.0	17.0~19.0	-	Ti 4(C+N)~0.7
WP347	CR347	S34700	0.08	2.00	0.045	0.030	1.00	9.0~12.0	17.0~19.0	-	-
WP347H	CR347H	S34709	0.04~0.10	2.00	0.045	0.030	1.00	9.0~12.0	17.0~19.0	-	-
WP316Ti	CR316Ti	316Ti	0.08	2.00	0.045	0.030	0.75	10.0~14.0	16.0~18.0	2.0~3.0	Ti 5(C+N)~0.7
WP904L	CR904L	904L	0.02	2.00	0.045	0.035	1.00	23.0~28.0	19.0~23.0	-	Cu 1.0~2.0
WPS31803	CRS31803	S31803	0.03	2.00	0.030	0.020	1.00	4.5~6.5	21.0~23.0	2.5~3.5	-
WPS32205	CRS32205	S32205	0.03	2.00	0.030	0.020	1.00	4.5~6.5	22.0~23.0	3.0~3.5	-
WPS32750	CRS32750	S32750	0.03	1.20	0.035	0.020	0.08	6.0~8.0	24.0~26.0	3.0~5.0	-
WPS32760	CRS32760	S32760	0.03	1.00	0.030	0.010	1.00	6.0~8.0	24.0~26.0	3.0~4.0	W0.50~1.00

**承插式管件尺寸的极限公差 Tolerances for socket-welding fittings**

公称通径 Nominal diameter	所有管件 All Fittings		45°、90° 弯头、三通、四通、45° 斜三通 45°、90° Elbows, Tees, Crosses, 45° Laterals	双承口管箍 Couplings	单承口管箍、异径插入件 Half Couplings, Reducer Inserts	活接头(含螺纹) Unions (Including Thread)	
	承接孔径 Socket Bore	流通孔径 Water Way Bore					
DN	NPS	d1	d2	A, H	E	F	L
6~8	1/8~1/4			± 0.8	± 1.5	± 0.8	± 1.5
10~20	3/8~3/4	+0.3	0	± 0.4	± 1.5	± 3.0	± 1.5
25~50	1~2				± 2.0	± 4.0	± 2.0
35~100	21/2~4	+0.4	0	± 0.8	± 2.5	± 5.0	± 2.5

**螺纹管件尺寸的极限公差 Tolerances for Threaded Fittings**

公称通径 Nominal diameter	45°、90° 弯头、三通、四通 45°、90° Elbows, Tees, Crosses		双接口管箍、管帽 Coupling Cap	单接口管箍、半管接头 Half Couplings, Boss
	中心至端面 Center To end	端面至端面 End to end		
DN	NPS	A	E, F	E/2
6~8	1/8~1/4	± 0.7	± 0.7	± 0.4
10~20	3/8~3/4	± 1.5	± 1.5	± 0.8
25~50	1~2	± 2.0	± 2.0	± 1.0
65~100	21/2~4	± 2.5	± 2.5	± 1.3

注：极限公差在不同标准中可能会略有差异。  
Limiting tolerances can be slightly difference between the different standards and codes.

**螺纹、承插焊管件压力等级与管子壁厚等级的关系**

The Correlation of Thread and Socket-Welding Fittings with Pressure Class Designation or Schedule No . of Pipe

压力等级代号 Code of Pressure Grade	管子壁厚等级 Wall Thickness Class			
	承插 Socket	螺纹 Thread	承插 Socket	螺纹 Thread
2000	-	sch80	-	XS
3000	sch80	sch160	XS	-
6000	sch160	-	-	XS
9000	-	-	XS	-

## 备忘录

JNDIA® FITTINGS  
ZHEJIANG JNDIA PIPELINE INDUSTRY CO.,LTD.  
[Http://www.jndia.com.cn](http://www.jndia.com.cn)

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Our specialized products: stainless steel pipe fittings,  
stainless steel flanges and stainless steel tubes

# 展望未来，豪情满怀○

Looking to the future, swell with pride and hope

大鹏一日因风起，扶摇直上九万里。  
鹏程万里，不仅要有鸿鹄之志，更需飞翔之“资”！  
何谓飞翔之“资”？  
那是一种禀赋，更是多年砥砺的一种内在超越精神。  
正如雄鹰需千百次练习才能羽翼丰满，自由翱翔。  
今天，志达已成长为中国的管件业巨人；  
我们二十年励精图治悉心打造的“志达”品牌，  
也以其独特品牌理念和卓越的品牌价值，  
成为新志达继续搏击苍穹的飞翔之资！

In the day of rising wind, the roc flies upward the wind.  
To have the bright future like the roc, only with high aspirations is not enough,  
the "capital" of flying is more important.  
What is the meaning of "capital"?  
It is the endowed gift, an internal spirit to keep surpassing by many years' encourage.  
After practicing thousands of times of flying, can the eagle be soaring freely with sturdy wings.  
Today, JNDIA has grown up to be the giant among electronic Pipe fittings industry in China.  
The "JNDIA" brand, made by our efforts with devoted attention in the past 20 years,  
is coming to be New JNDIA's "capital" of soaring to fight in the welkin  
unceasingly with its unique brand idea and remarkable brand value.

