

CANGZHOU HUAYUE PIPE FITTING CO.,LTD



沧州华越管件有限公司
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沧州华越管件有限公司
CANGZHOU HUAYUE PIPE FITTING CO.,LTD



OPEN SHUNFA INTERNATIONAL A NEW ERA

—— 一个崭新的时代 ——



IOS9001:2000国际质量管理体系认证企业
ios9001:2000 Enterprise of international
Quality Management System Certification

飞越梦想 Overflight dream

THE WORKSPACE IS ARRANGED TO HELP
YOU FOCUS ON CREATING
ACCOMPLISHMENTS

THE WORKSPACE INCLUDES
MENS AND A VARIETY OF TOOLS AND
PALETTE FOR VIEWING
IDEAS AND SKETCHING



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HUAYUE

Keep abreast of the times

企业文化是社会文化体系中的一个有机重要组成部分是民族文化和现代意识在企业内部的综合反映和表现,是为一个企业所信奉的主要价值观,诸如进取、守势或是发展等——这些价值观构成公司员工活力、意见、行为的规范性,是在一定的社会历史条件下,企业生产经营和管理活动中创造的具有本企业特色的特殊意识形态,是指由企业定制员工和顾客决策的宗旨。



★ 企业精神

超越自我 追求卓越

★ 企业文化

客户满意 员工满意 求实创新 感恩与诚信 和谐共赢

★ 价值理念

创造财富 回馈社会

★ 经营理念

科技创新谋求快速发展 科学管理实现健康成长

★ 管理理念

关注细节 让品质最优 强化学习 让员工成才 团结协作 让客户满意

★ 人才理念

为人才构筑舞台 让业绩证明能力

CORPORATE SPIRIT:

surpassing selhood,pursuing excellence

CORPORATE CULTURE:

customer satisfaction,employee satisfaction,factualism and Innovation,thanks-giving and creditadility,win-win in harmony.

VALUE CONCEQT:

making fortunes to reward the society

OPERATIONAL PHILOSPHY:

to seek for rapid development by scientific and technological innovation and achi-eve healthy by scientific management.

MANAGEMENT CONCEPT

to focus on details,pursue the best quality,enhance education,realize employee growth,implement team work spirit,achieve customer satisfaction.

TALENTS MISSION

to build up a platform for cultivating talents and prove the capadiilities with perfor-mance.

**企业
简介**
**COMPANY
PROFILE**

沧州华越管件有限公司，地处渤海经济开发区，位于“中国管件之乡”孟村回族自治县，西靠沧州，东临黄骅港，交通、通讯十分便利。公司以外贸出口为主要业务，拥有丰富的外贸出口经验及严格的质量把控体系，冷成型、热挤压、机加工、锻打、锻压、热处理等工艺先进。可按照ANSI、ASME、API5L、GOST、DIN、JIS等标准生产，可进行无损检测、超声检测、材质检测、冲击试验和物理检测。

沧州华越管件有限公司始终遵循国际贸易惯例，秉承重合同、守信用、优质服务、互利双赢的经营理念，与国际商业界、产业界、科技界、金融界建立了广泛的合作关系，通过贸易纽带紧密联结中国与国际市场。沧州华越管件公司愿与国内外各界朋友真诚合作，共同发展。



CANGZHOU HUAYUE PIPE FITTING CO., LTD., LOCATED IN MENGUN ECONOMIC DEVELOPMENT ZONE, IS LOCATED IN "CHINA PIPE FITTINGS" MENGUN HUI AUTONOMOUS COUNTY, WEST CANGZHOU, EAST HUANGHUA PORT, TRANSPORTATION, COMMUNICATION IS VERY CONVENIENT. THE PUBLIC SECRETARY FOR FOREIGN TRADE EXPORTS AS THE MAIN BUSINESS, HAS A WEALTH OF FOREIGN TRADE MOUTH EXPERIENCE AND STRICT QUALITY CONTROL SYSTEM, COLD FORMING, HOT EXTRUSION PRESSURE, MACHINING, FORGING, FORGING, HEAT TREATMENT AND OTHER ADVANCED TECHNOLOGY. ACCORDING TO ANSI, ASME, API5L, GOST, DIN, JIS AND OTHER STANDARD PRODUCTION, CAN CARRY OUT NON-DESTRUCTIVE TESTING, ULTRASONIC TESTING, MATERIAL TESTING, IMPACT TESTING AND PHYSICAL EXAMINATION. CANGZHOU HUAYUE PIPE FITTING CO., LTD. ALWAYS FOLLOW THE INTERNATIONAL TRADE PRACTICE, ADHERING TO THE CONTRACTS, KEEPING PROMISES, QUALITY SERVICE, MUTUAL BENEFIT AND WIN-WIN BUSINESS PHILOSOPHY, AND INTERNATIONAL BUSINESS, INDUSTRY, SCIENCE AND TECHNOLOGY, THE FINANCIAL COMMUNITY HAS ESTABLISHED EXTENSIVE COOPERATIVE RELATIONS THROUGH TRADE TIES CLOSELY LINKED CHINA AND THE INTERNATIONAL MARKET. CANGZHOU HUA YUE PIPE FITTING COMPANY WILLING TO WORK WITH DOMESTIC AND FOREIGN FRIENDS FROM ALL WALKS OF LIFE IN GOOD FAITH COOPERATION AND COMMON DEVELOPMENT.

华越管件

沧州华越管件有限公司
CANGZHOU HUAYUE PIPE FITTING CO.,LTD



DOMINATION TARGTANGER

诚信天下 >> >>> >>

团队精神，是一种集体意识，是团队所有成员都认可的一种集体意识。团队精神是高效团队中的灵魂。简单来说，团队精神，就是大局意识、服务意识和协调意识“三识”的综合体。反映团队成员的士气是团队所有成员价值观与理想信念的基石是凝聚团队力量，促进团队力量。

Team spirit, is a kind of collective consciousness, the team is all kind of collective consciousness have been recognized by members of the Team spirit is high performance team soul. In simple terms, team spirit is the overall situation consciousness, service consciousness and awareness of coordination.





DOMINATION TARGTANGER

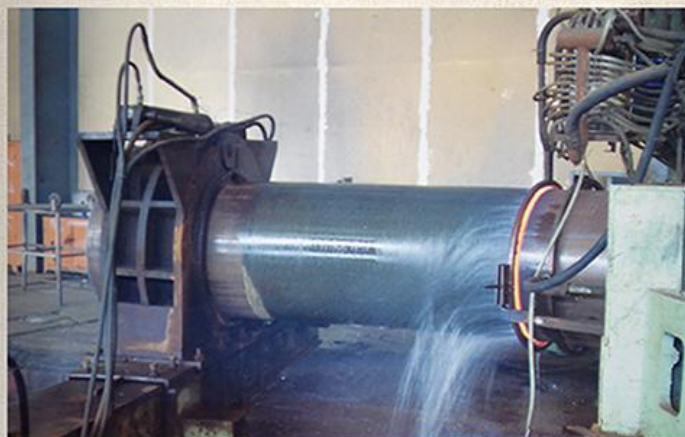
明确目标 >> >>> >>

团队精神，是一种集体意识，是团队所有成员都认可的一种集体意识，团队精神是团队中的灵魂，是团队意识、服务意识、服务意识“三位”的综合体，反映团队成员的士气是团队所有成员价值与理想信念的凝聚是团队力量，促进团队力量。

Team spirit is a kind of collective consciousness, the team is all kind of collective consciousness have been recognized by members of the team spirit is all high performance team spirit, in simple terms, team spirit is the overall situation consciousness, service consciousness and awareness of cooperation.

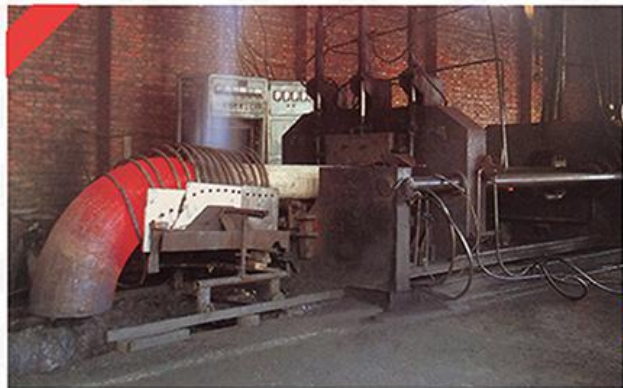


生产设备 PRODUCTION EQUIPMENT



INTERMEDIATE FREQUENCY TUBE BENDING MACHINE 中频弯管机

生产设备
PRODUCTION EQUIPMENT



中频推制机
INTERMEDIATE FREQUENCY
PUSHING MACHINE



推制一, 三车间
NO. 1 AND 3 EXTRUDING WORKSHOP



中频推制机
INTERMEDIATE FREQUENCY
PUSHING MACHINE



推制一, 三车间
NO. 1 AND 3 EXTRUDING WORKSHOP



推制二车间
NO. 2 EXTRUDING WORKSHOP



推制四车间

NO. 4 EXTRUDING WORKSHOP

生产设备
 PRODUCTION EQUIPMENT



切割锯床

CUTTING SAWING MACHINE



热处理炉
 HEAT TREATMENT EQUIPMENT
 SIKK4. 883228



大型车床

LARGE-SIZED LATHE



高压管件坡口机

SLOPING MACHINES OF HIGH PRESSURE
PIPE FITTINGS



抛丸清理机

POLISHING MACHINES



生产设备
PRODUCTION EQUIPMENT



大立车

LARGE VERTICAL LATHE



锯床

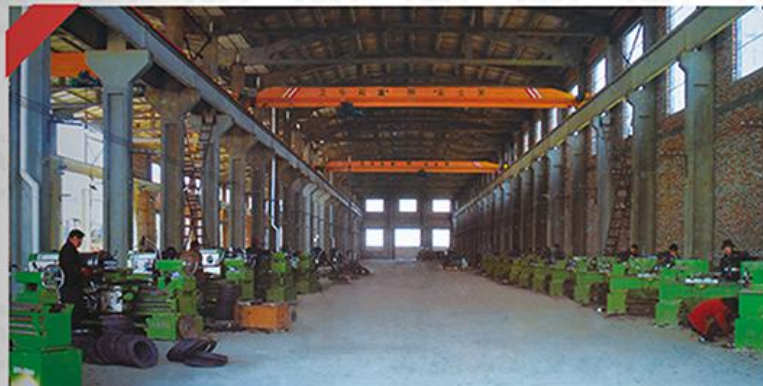
SAWING MACHINE

CHUANGHUAYUE BRAND FORGED A HUNDRED
YEAR-OLD ENTERPRISE

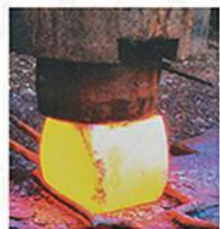
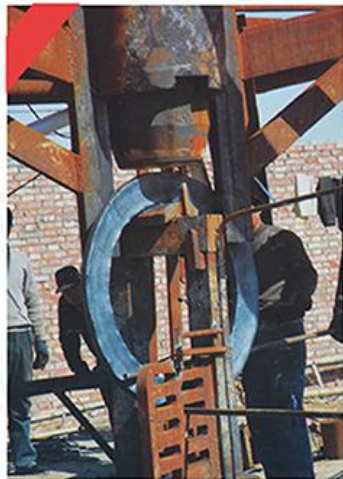


大立车

LARGE VERTICAL LATHE



生产设备
PRODUCTION EQUIPMENT



锻制法兰

FORGING FLANGE

检测设备
DETECTING EQUIPMENT

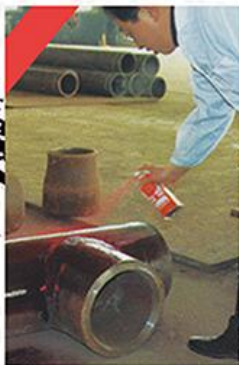


化学分析
CHEMICAL ANALYSIS

拉力试验
TENSILE TEST



检测设备
 DETECTING EQUIPMENT



Y源探伤
 Y-FOUNTAIN CRACK DETECTION



X光射线探伤
 X-RAY CRACK DETECTION



OUR CODE OF CONDUCT
我们的行为规范 >> >> >>

爱本职，精业务，强素质，当骨干
 守纪律，保安全，讲协作，重实干

The labor of love, pure business, strong quality, as the backbone,
 discipline, safety, collaboration, heavy work

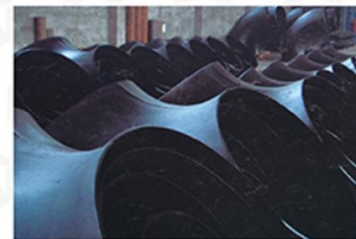


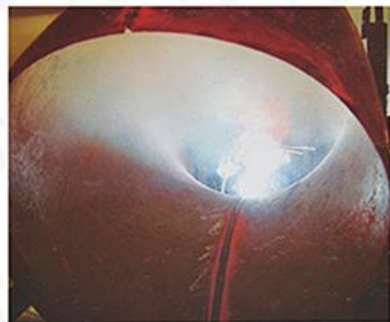
高压管件系列产品
SERIES PRODUCTS OF HIGH PRESSURE PIPE



中低压推制系列产品

MIDDLE LOW PRESSURE EXTRUDING SERIES PRODUCT





承插系列产品

SOCKET PIPE SERIES PRODUCT



Create Huayue brand and pour a hundred
year-old enterprise

承插系列产品

SOCKET PIPE SERIES PRODUCT



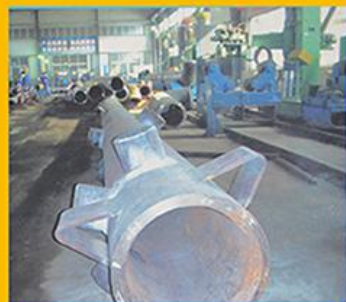
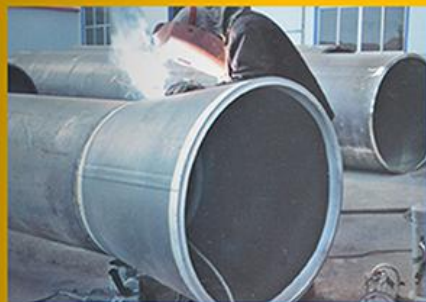
不锈钢系列产品
STAINLESS STEEL SERIES PRODUCT



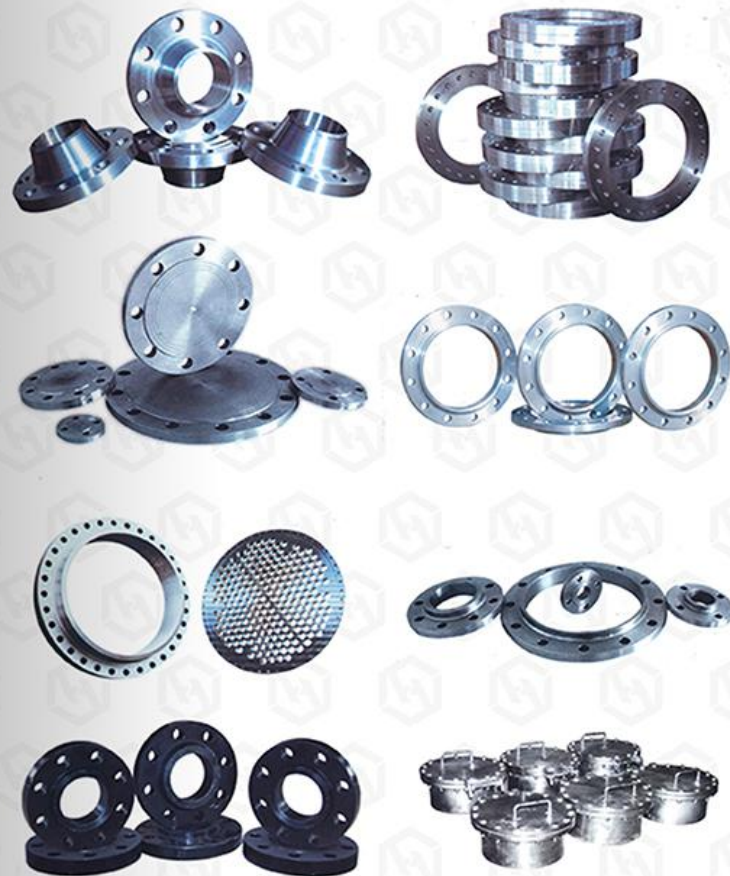
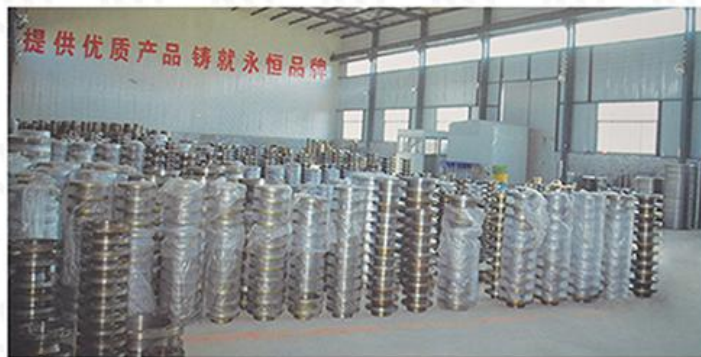
弯管系列产品
BEND PIPE SERIES PRODUCT



配管系列产品
PIPE SERIES PRODUCT

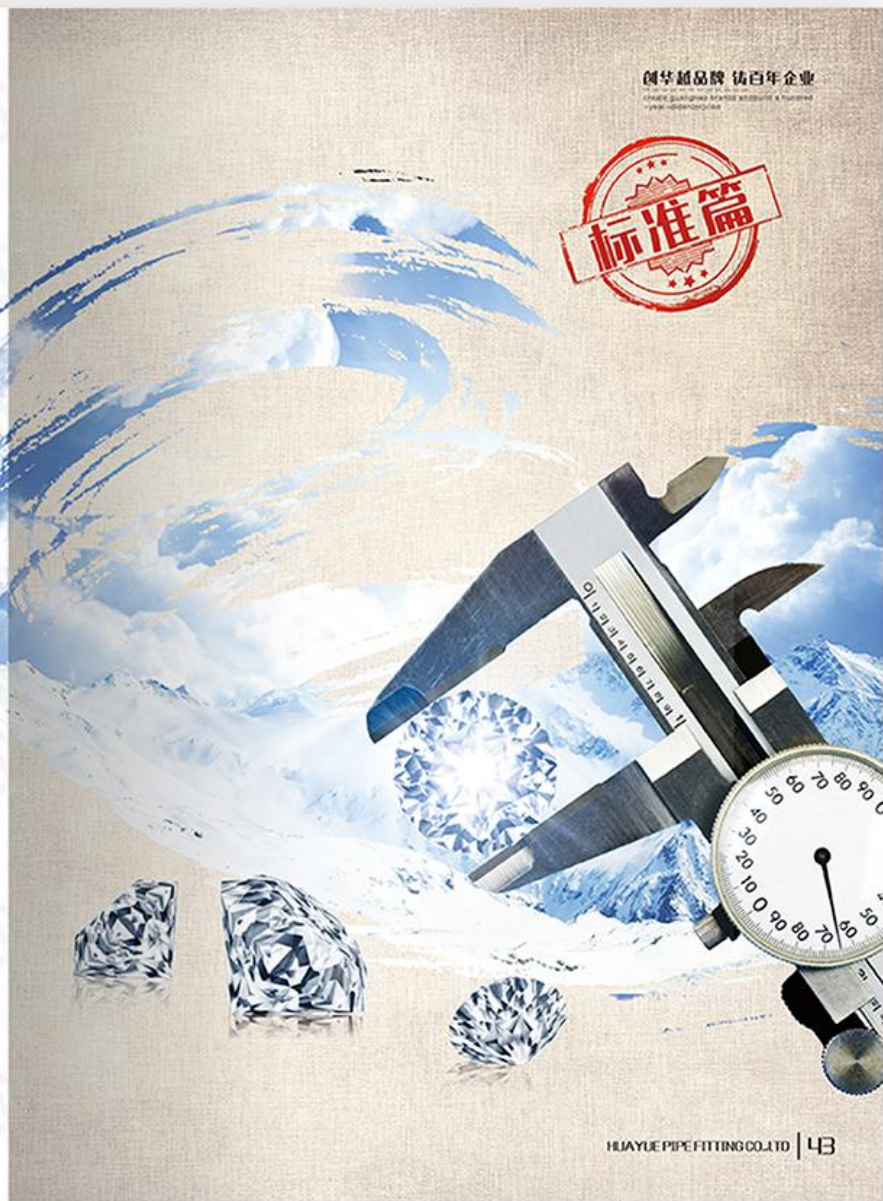


法兰系列产品
FLANGE SERIES PRODUCT



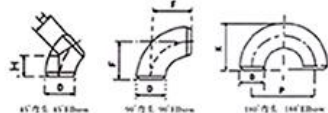
优质的原材料
HIGH QUALITY RAW MATERIAL





**Production standards of elbows
弯头生产标准**

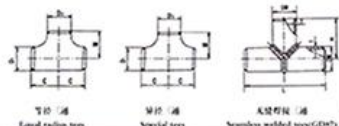
GB 12459, GB/T 13401-92 (SH3408 SH3409)



公称通径 Nominal Dia. DN	端部外径 Overall Diameter of End		中心至端面 Center to End				背至端面 Back to Faces			
	D		R				180° 弯头 Elbow			
	A系列 Series A	B系列 Series B	长半径 Long Radius	短半径 Short Radius	短半径 Short Radius	长半径 Long Radius	短半径 Short Radius	长半径 Long Radius	短半径 Short Radius	
15	21.3	18	16	36	...	76	...	83	...	
20	26.9	25	16	36	...	76	...	83	...	
25	33.7	32	16	36	29	76	51	56	61	
32	42.4	38	20	48	32	96	64	70	72	
40	48.3	45	24	57	36	114	76	80	81	
50	60.3	57	32	76	51	152	102	106	107	
65	76.1(73)	73	40	96	64	191	127	132	131	
80	88.9	83	47	114	76	229	152	159	159	
100	114.3	106	63	152	102	305	203	210	197	
125	139.7	133	79	190	127	381	254	262	237	
150	165.3	156	95	229	152	457	305	313	312	
200	219.1	219	128	305	203	610	406	414	391	
250	273.0	273	158	381	254	762	508	519	467	
300	323.9	325	188	457	305	914	610	619	533	
350	355.6	337	221	533	356	1067	711	711	610	
400	406.4	426	253	610	406	1219	813	813	686	
450	457.0	478	294	686	457	1372	914	914	762	
500	508.0	509	318	762	508	1524	1016	1016	...	

**Production standards of equal radius tees
等径三通生产标准**

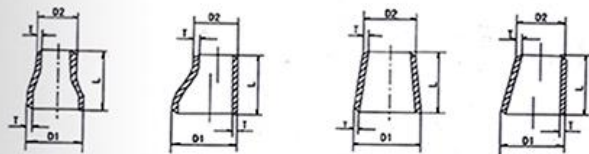
GB 12459, GB/T 13401-92 (SH3408 SH3409)



公称通径 Nominal Dia. DN	端部外径 Overall Diameter of End		中心至端部 Center to End	
	D		C	
	A系列 Series A	B系列 Series B	C	M
15	21.9	18	25	...
20	26.9	25	25	...
25	33.7	32	38	...
32	42.4	38	48	...
40	48.3	45	57	...
50	60.3	57	64	...
65	76.1(73)	73	76	...
80	88.9	83	86	...
100	114.3	106	106	...
125	139.7	133	124	...
150	165.3	156	158	...
200	219.1	219	178	...
250	273.0	273	216	...
300	323.9	325	254	...
350	355.6	337	278	...
400	406.4	426	305	...
450	457.0	478	343	...
500	508.0	509	381	...

公称通径 Nominal Dia. DN	端部外径 Overall Diameter of End		中心至端部 Center to End	
	D		C	
	A系列 Series A	B系列 Series B	C	M
500	509	...	415	...
600	630	...	432	...
650	660	...	456	...
700	711	720	501	...
750	762	...	550	...
800	813	820	604	...
850	864	...	636	...
900	914	920	672	...
1000	1016	1020	748	...
1050	1067	...	813	...
1100	1118	1120	851	...
1200	1220	1220	928	...
1300	1321	...	965	...
1400	1420	...	1042	...
1500	1524	...	1118	...

**Production standards of special joints
异径接头生产标准**



无坡同心异径接头
Welded Concentric Special Joint

有坡同心异径接头
Welded Eccentric Special Joint

GB 12459, GB/T 13401 (SH3408 SH3409)

公称通径 Nominal Dia. DN	端部外径 Overall Diameter of End				长度 End to End
	D				
	A系列 Series A	B系列 Series B	A系列 Series A	B系列 Series B	
25 × 20	31.7	32	28.9	25	51
25 × 15	33.7	32	21.3	18	51
32 × 25	42.4	38	33.7	32	51
40 × 25	48.3	45	33.7	32	64
40 × 20	48.3	45	28.9	25	64
40 × 15	48.3	45	21.3	18	64
50 × 40	60.3	57	48.3	45	76
50 × 32	60.3	57	42.4	38	76
50 × 25	60.3	57	33.7	32	76
65 × 50	76.1	76	60.3	57	89
65 × 40	76.1	76	48.3	45	89
80 × 65	88.9	89	76.1	76	89
80 × 50	88.9	89	60.3	57	89
100 × 80	108	108	88.9	89	102
100 × 65	114.3	108	76.1	76	102
100 × 50	114.3	108	60.3	57	102
125 × 100	133	133	114.3	108	127
125 × 80	139.7	133	88.9	89	127
125 × 60	139.7	133	76.1	76	127
150 × 125	159	159	125	125	140
150 × 100	165.3	159	114.3	108	140
150 × 80	165.3	159	88.9	89	140
200 × 150	191	191	165.3	159	157
200 × 125	191	191	139.7	133	157
200 × 100	191	191	114.3	108	157
250 × 200	219	219	219	219	178
250 × 125	273	273	168.3	159	178
250 × 100	273	273	139.7	133	178
300 × 250	325	325	273	273	203
300 × 200	323.9	325	219	219	203
300 × 150	323.9	325	168.3	159	203
350 × 300	377	377	325	325	230
350 × 250	355.6	377	273	273	230
300 × 200	355.6	377	219	219	230
400 × 350	426	426	355.6	347	256
400 × 300	406.4	426	325	325	256
400 × 250	406.4	426	273	273	256
450 × 400	478	478	426	426	281
450 × 350	457.0	478	355.6	347	281
450 × 300	457.0	478	325	325	281
500 × 450	529	529	457.0	478	308
500 × 400	508	529	406.4	426	308
500 × 350	508	529	355.6	377	308

公称通径 Nominal Dia. DN	端部外径 Overall Diameter of End				长度 End to End
	D				
	A系列 Series A	B系列 Series B	A系列 Series A	B系列 Series B	
550 × 500	599	528	529	568	568
550 × 450	599	457	478	568	568
550 × 400	599	406	426	568	568
600 × 500	610	630	508	529	568
600 × 450	610	630	457	478	568
600 × 400	610	630	406	426	568
650 × 600	660	-	610	630	610
650 × 500	660	-	508	529	610
650 × 450	660	-	457	478	610
700 × 600	711	720	610	630	610
700 × 500	711	720	508	529	610
700 × 450	711	720	457	478	610
750 × 700	762	-	711	720	610
750 × 600	762	-	610	630	610
750 × 500	762	-	508	529	610
800 × 700	813	820	711	720	610
800 × 600	813	820	610	630	610
800 × 500	813	820	508	529	610
850 × 700	864	-	711	720	610
850 × 600	864	-	610	630	610
850 × 500	864	-	508	529	610
900 × 800	914	920	813	820	610
900 × 700	914	920	711	720	610
900 × 600	914	920	610	630	610
1000 × 900	1016	1020	914	920	610
1000 × 800	1016	1020	813	820	610
1000 × 700	1016	1020	711	720	610
1050 × 1000	1067	-	1016	1020	610
1050 × 900	1067	-	914	920	610
1050 × 800	1067	-	813	820	610
1100 × 1000	1118	1120	1016	1020	610
1100 × 900	1118	1120	914	920	610
1100 × 800	1118	1120	813	820	610
1200 × 1100	1220	1220	1118	1120	711
1200 × 1000	1220	1220	1016	1020	711
1200 × 900	1220	1220	914	920	711
1300 × 1200	1321	1320	1220	1220	711
1300 × 1100	1321	1320	1118	1120	711
1300 × 1000	1321	1320	1016	1020	711
1400 × 1300	1420	1420	1321	1320	711
1400 × 1200	1420	1420	1220	1220	711
1400 × 1100	1420	1420	1118	1120	711
1500 × 1400	1524	1520	1420	1420	711
1500 × 1300	1524	1520	1321	1320	711
1500 × 1200	1524	1520	1220	1220	711

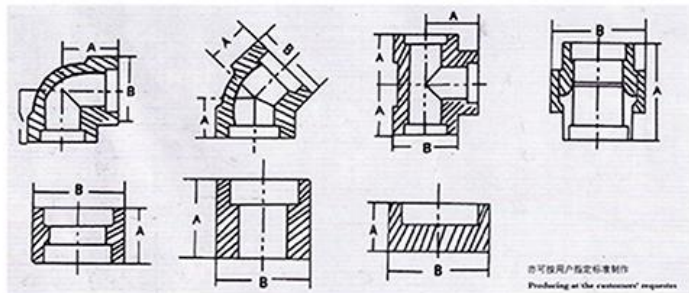
Production standards of forged & faucet welded spiral series pipe fittings
锻制承插、螺纹系列管件生产标准

ANSI B16.11 JIS B2316

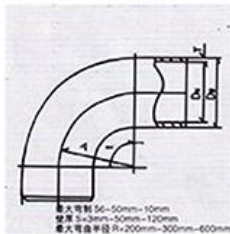
Normal	OD	90° Elbows				45° Elbows			
		3000TBS		6000TBS		3000TBS		6000TBS	
inch	mm	A	B	A	B	A	B	A	B
1/4	13.7	20.5	22	24.5	26.5	22.5	34	-	-
3/8	17.2	24.5	26.5	28.5	38.5	22.5	34	22	33.5
1/2	21.3	28.5	34	38.0	46.5	22.5	34	22	46.5
3/4	26.7	33.5	38.5	44.5	56.5	22.5	38.5	28.5	56.5
1	33.4	38	46.5	44.5	76.0	28.5	46.5	33.5	56.5
1 1/4	42.2	44.5	56.5	60.5	92	33.5	56.5	33.5	76.0
1 1/2	48.3	51	62.5	63.5	110	38	62.5	41.5	92.0
2	60.3	60.5	76	82.5	124.5	41.5	76	50.5	-
2 1/2	73.0	83.5	92	95.5	152	50.5	92	-	-
3	89.0	82.5	110	114.5	-	-	-	-	-
4	114.5	114.5	152	-	-	-	-	-	-

Normal	OD	TEES				UNINOS			
		3000TBS		6000TBS		3000TBS		6000TBS	
inch	mm	A	B	A	B	A	B	A	B
1/4	13.7	20.5	22	24.5	26.5	45	32	51	38
3/8	17.2	24.5	26.5	24.5	26.5	51	38	54	46
1/2	21.3	28.5	34	28.5	34	54	46	57	51
3/4	26.7	33.5	38.5	38.0	46.5	57	51	64	60
1	33.4	38	46.5	44.5	56.5	64	60	72	72
1 1/4	42.2	44.5	56.5	44.5	56.5	74	72	80	77
1 1/2	48.3	51	62.5	60.5	76.0	80	80	89	94
2	60.3	60.5	76	63.5	92	89	94	110	120
2 1/2	73.0	83.5	92	82.5	110	-	-	-	-
3	89.0	82.5	110	95.5	124.5	-	-	-	-
4	114.5	114.5	152	114.5	152	-	-	-	-

SH3410-96 GB/T14388 GB/T14626 HGJ10-88

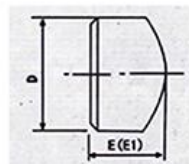


常用弯管规格表
Commonly used bends table



DG	DW	S	R	L
175	194	6.20	450-2500	0-180°
200	219	7.20	500-2500	0-180°
225	245	7.20	550-2500	0-180°
250	273	8.20	550-2500	0-180°
300	325	8.25	600-2500	0-180°
350	377	8.25	700-2500	0-180°
400	426	10.25	800-2500	0-180°
450	478	12.25	900-2500	0-180°
500	529	12.25	1000-2500	0-180°
600	630	12.25	1200-2500	0-180°
700	720	12.25	1400-3500	0-180°
800	820	12.25	1600-4000	0-180°
900	920	12.25	1800-4500	0-180°
1000	1020	12.25	2000-5000	0-180°

Portion production standards of Tube caps
管帽部分生产标准



GB 12459, GB/T 13401 (SH3408-96 SH3409-96)

公称直径 Nominal Dia DN	端部外径 Overall Dia. of End		背面至端面尺寸 Back to End Surfaces Size		对尺寸的限制厚度 The Restricted Thickness to Size E
	A系列 A Series	B系列 B Series	E	E1	
15	21.3	18	25	-	
20	26.9	25	25	-	
25	33.7	32	38	-	
32	42.4	38	38	-	
40	48.3	45	38	-	
50	60.3	57	38	44	5.5
65	76.1(73)	76	38	51	7.0
80	88.9	89	51	64	7.6
100	114.3	108	64	76	8.1
125	139.7	133	76	89	8.6
150	168.3	159	89	102	9.5
200	219.1	219	102	127	11.0
250	273	273	127	152	12.7
300	323.9	325	152	178	12.7
350	355.6	377	165	191	12.7
400	406.4	426	178	203	12.7
450	457	478	203	229	12.7
500	508	529	229	254	12.7
550	559	-	254	254	12.7
600	610	630	267	305	12.7
650	660	-	267	-	-
700	711	720	267	-	-
750	762	-	267	-	-
800	813	820	267	-	-
850	864	-	267	-	-
900	914	920	267	-	-
1000	1016	1020	305	-	-
1100	1118	1120	343	-	-
1200	1220	1220	343	-	-
1300	1321	1320	355	-	-
1400	1420	1420	380	-	-
1500	1524	1520	405	-	-

Production standards of tubing 管件生产标准

一、国家标准 (State standard)

GB12459-90GB
T13401-92GB
T14383-93

二、电力部标准 (Ministry of Power Standard)

GD87-1101
DL/T515-93

三、化工部标准 (Ministry of Chemical industry Standard)

HGJ514-87
HGJ528-90
HGJ10-88

四、中石化标准 (China Petrochemical Corp Standard)

SH3408-96
SH3409-96
SH3410-96

五、德国标准 (German standard)

DIN2605-2642

六、美国标准 (U.S.A Standard)

ANSI B16.9
ANSI B16.28
ANSI B16.11

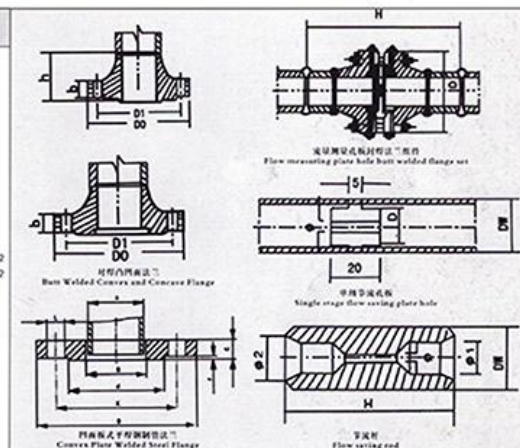
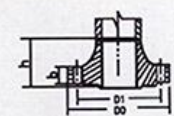
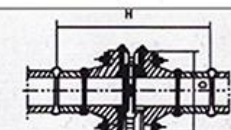

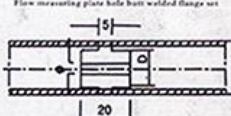
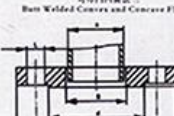

管体材料 Tubing Material

- 一、碳钢 Carbon steel
10#、20#、ST45.8、Q235
- 二、合金钢 (Alloy steel):
16Mn 16MnR 12CrMoV 10CrMo910
Cr5Mo 15CrMo
- 三、不锈钢 (Stainless steel):
SUS321 304 304L 316 316L 317L

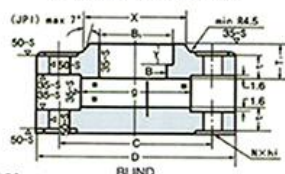
也可以按照客户提供的面图或制定标准生产
We can also produce according to drawings or standard appointed provided by customers.

Portion production standards of Flange 法兰部分生产标准

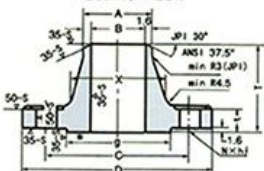
HGJ44-76-91 JB/T74-90-94 GB9112-9123 ANSI B16.5

技术参数 Technical parameter	公称直径 DN	材质 Material		
公称压力 0.25Mpa-10Mpa 使用温度: 0-550℃	10	Q235 20# 16Mn ST45.8 12CrMoV 15CrMo 1Cr13 1Cr18Ni9Ti 0Cr18Ni9 00Cr18Ni11 00Cr17Ni14Mo2		
	15			
	20			
	25			
	32			
	40			
	50			
	65			
	80			
	100			
	125			
	150			
	175			
	200			
	225			
	250			
300				
350				
400				
450				
500				
600				
700				
800				
900				
1000				
1200				

SLIP-ON SOCKET-WELDING



WELDING-NECK



BLIND

UNIT:mm

Class 150

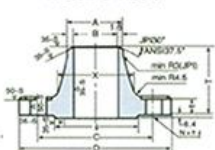
Nominal Pipe Size	Outside Dia of Flanges	Dia of Bore												Dia of Hub at Bevel A		Dia of Hub at Base	Dia of Raised Face	Thick of Flang- -e	Rad- -ius of -fillet			
		Slip-on Socket, B ₁		Lap-Joint, B ₂		Welding-Neck, Socket B								JPI	ANSI					SCH40	SCH80	SCH160
		A	B	JPI	ANSI	SCH40	SCH80	SCH160	SCH40	SCH80	SCH160	SCH40	SCH80									
15	1/2	89	22.2	22.4	23.4	22.9	16.1	14.3	12.3	15.8	13.9	11.8	21.7	21.3	30.2	35.1	11.2	3				
20	3/4	98	27.7	27.7	28.9	28.2	21.4	19.4	16.2	20.9	18.8	15.6	27.2	26.7	38.1	42.9	12.7	3				
25	1	108	34.5	34.6	35.6	35.1	27.2	25.0	21.2	26.6	24.3	20.7	34.0	33.5	49.3	50.8	14.3	3				
30	(1 1/4)	117	43.2	43.2	44.3	43.7	35.5	32.9	29.9	35.1	32.5	29.5	42.7	42.2	58.7	63.5	15.9	5				
40	(1 1/2)	127	49.1	49.6	50.4	50.0	41.2	38.4	34.4	40.9	38.1	34.0	48.6	48.3	65.0	73.2	17.5	6				
50	2	152	61.1	62.0	62.7	62.5	52.7	49.5	43.1	52.5	49.3	42.9	60.5	60.5	77.8	91.9	19.1	8				
65	2 1/2	178	77.1	74.7	78.7	75.5	65.9	62.3	57.3	62.7	59.0	54.0	76.3	73.2	90.4	104.6	22.3	8				
80	3	191	90.0	90.7	91.6	91.4	78.1	73.9	66.9	77.9	73.7	66.7	89.1	88.9	108.0	127.0	23.9	10				
90	(3 1/2)	216	102.6	103.4	104.1	104.2	90.2	85.4	76.2	90.1	85.5	-	101.6	101.6	122.2	139.7	23.9	10				
100	4	229	115.4	116.1	116.9	116.9	102.3	97.1	87.3	102.3	97.2	87.3	114.3	114.3	134.5	157.2	23.9	11				
125	(5)	254	141.2	143.8	143.0	144.6	126.6	120.8	108.0	128.2	122.3	109.6	139.8	141.2	163.1	185.7	23.9	11				
150	6	279	166.6	170.7	168.4	171.5	151.0	143.2	128.8	154.1	146.3	131.8	165.2	168.4	192.1	215.9	25.4	13				
200	8	343	218.0	221.5	219.5	222.3	199.9	190.9	170.3	202.7	193.7	173.1	216.3	219.2	246.1	269.7	28.6	13				
250	10	406	269.5	276.4	271.7	277.4	248.8	237.2	210.2	254.4	242.9	215.9	267.4	273.1	304.8	323.9	30.2	13				
300	12	463	321.0	327.2	322.8	329.2	297.9	283.7	251.9	303.2	288.9	257.2	318.5	323.9	365.1	381.0	31.8	13				
350	14	533	358.1	359.2	-	360.2	333.4	317.6	284.2	333.3	317.5	284.2	355.6	355.6	400.1	412.8	35.0	13				
400	16	597	409.0	410.5	-	411.3	381.0	363.6	325.4	381.0	363.5	325.5	406.4	406.4	457.7	469.9	36.6	13				
450	18	655	460.0	461.8	-	462.4	428.6	409.6	366.8	428.7	409.6	366.7	457.2	457.2	504.8	533.4	39.7	13				
500	20	699	511.0	513.1	-	514.4	477.8	458.6	408.0	477.8	458.6	408.0	508.0	508.0	584.2	584.2	42.9	13				
600	24	815	613.0	616.0	-	616.0	574.6	547.8	490.6	574.7	547.7	490.6	609.6	609.6	663.6	692.2	47.7	13				

Class 300

Nominal Pipe Size	Outside Dia of Flanges	Dia of Bore												Dia of Hub at Bevel A		Dia of Hub at Base	Dia of Raised Face	Thick of Flang- -e	Rad- -ius of -fillet			
		Slip-on Socket, B ₁		Lap-Joint, B ₂		Welding-Neck, Socket B								JPI	ANSI					SCH40	SCH80	SCH160
		A	B	JPI	ANSI	SCH40	SCH80	SCH160	SCH40	SCH80	SCH160	SCH40	SCH80									
15	1/2	95	22.2	22.4	23.4	22.9	16.1	14.3	12.3	15.8	13.9	11.8	21.7	21.3	38.1	35.1	14.3	3				
20	3/4	117	27.7	27.7	28.9	28.2	21.4	19.4	16.2	20.9	18.8	15.6	27.2	26.7	47.6	42.9	15.9	3				
25	1	124	34.5	34.6	35.6	35.1	27.2	25.0	21.2	26.6	24.3	20.7	34.0	33.5	54.0	50.8	17.5	3				
30	(1 1/4)	133	43.2	43.2	44.3	43.7	35.5	32.9	29.9	35.1	32.5	29.5	42.7	42.2	68.5	63.5	19.1	5				
40	(1 1/2)	156	49.1	49.6	50.4	50.0	41.2	38.4	34.4	40.9	38.1	34.0	48.6	48.3	69.9	73.2	20.6	6				
50	2	165	61.1	62.0	62.7	62.5	52.7	49.5	43.1	52.5	49.3	42.9	60.5	60.5	84.1	91.9	22.4	8				
65	2 1/2	191	77.1	74.7	78.7	75.5	65.9	62.3	57.3	62.7	59.0	54.0	76.3	73.2	100.0	104.6	25.4	8				
80	3	210	90.0	90.7	91.6	91.4	78.1	73.9	66.9	77.9	73.7	66.7	89.1	88.9	117.5	127.0	28.6	10				
90	(3 1/2)	229	102.6	103.4	104.1	104.2	90.2	85.4	76.2	90.1	85.5	-	101.6	101.6	133.1	139.7	30.2	10				
100	4	254	115.4	116.1	116.9	116.9	102.3	97.1	87.3	102.3	97.2	87.3	114.3	114.3	146.1	157.2	31.8	11				
125	(5)	279	141.2	143.8	143.0	144.6	126.6	120.8	108.0	128.2	122.3	109.6	139.8	141.2	177.8	185.7	35.1	11				
150	6	318	166.6	170.7	168.4	171.5	151.0	143.2	128.8	154.1	146.3	131.8	165.2	168.4	206.4	215.9	36.6	13				
200	8	381	218.0	221.5	219.5	222.3	199.9	190.9	170.3	202.7	193.7	173.1	216.3	219.2	260.4	269.7	41.3	13				
250	10	445	269.5	276.4	271.7	277.4	248.8	237.2	210.2	254.4	242.9	215.9	267.4	273.1	320.7	323.9	47.8	13				
300	12	521	321.0	327.2	322.8	329.2	297.9	283.7	251.9	303.2	288.9	257.2	318.5	323.9	374.7	381.0	50.8	13				
350	14	584	358.1	359.2	-	360.2	333.4	317.6	284.2	333.3	317.5	284.2	355.6	355.6	425.5	412.8	54.0	13				
400	16	650	409.0	410.5	-	411.3	381.0	363.6	325.4	381.0	363.5	325.5	406.4	406.4	482.6	469.9	57.2	13				
450	18	710	460.0	461.8	-	462.4	428.6	409.6	366.8	428.7	409.6	366.7	457.2	457.2	533.4	533.4	60.4	13				
500	20	775	511.0	513.1	-	514.4	477.8	458.6	408.0	477.8	458.6	408.0	508.0	508.0	584.2	584.2	63.5	13				
600	24	914	613.0	616.0	-	616.0	574.6	547.8	490.6	574.7	547.7	490.6	609.6	609.6	701.2	692.2	69.9	13				

THREADED

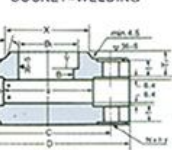
WELDING-NECK



SLIP-ON



SOCKET-WELDING



BLIND

UNIT:mm

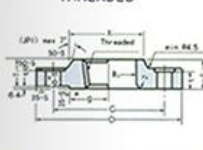
Nominal Pipe Size	Outside Dia. of Flanges		Slip-on Socket B ₁		Lap-Joint B ₂		Dia. of Bore						Dia. of Hub at Bevel A		Dia. of Hub at Base	Dia. of Raised Face	Thick. of Flang-es	Rad-ius of Fillet									
							Welding-Neck, Socket B						JPI	ANSI					SCH40	SCH80	SCH160						
							JPI															ANSI					
							A	B	D	J	K	L										M	N	O	P	Q	R
15	1/2	95	22.2	22.4	23.4	22.9	16.1	14.3	12.3	15.8	13.9	11.8	21.7	21.3	38.1	34.9	14.3	3									
20	3/4	117	27.7	27.8	28.9	28.2	21.4	19.4	16.2	20.9	18.8	15.6	27.2	26.7	47.8	42.9	15.9	3									
25	1	124	34.5	34.6	35.6	35.1	27.2	25.0	21.2	26.6	24.3	20.7	34.0	33.5	53.8	50.8	17.5	3									
(32)	(11/4)	153	43.2	43.2	44.3	43.7	35.5	32.9	29.9	35.1	32.5	29.5	42.7	42.2	63.5	60.5	20.7	5									
40	1 1/2	155	49.1	49.6	50.4	50.0	41.2	38.4	34.4	40.9	38.1	34.0	48.6	48.3	69.9	73.0	22.3	6									
50	2	165	61.1	62.0	62.7	62.5	52.7	49.5	43.1	52.5	49.3	42.9	60.5	60.5	84.1	92.1	25.4	8									
65	2 1/2	191	77.1	74.7	75.5	78.7	65.9	62.3	57.3	62.7	59.0	54.0	76.3	73.2	100.1	104.8	28.6	8									
80	3	210	90.0	90.0	91.6	91.4	78.1	73.9	66.9	77.9	73.7	66.7	89.1	86.9	117.3	127.0	31.8	10									
(90)	(3 1/2)	229	102.6	103.4	104.1	104.2	90.2	85.4	76.2	90.1	85.5	-	101.6	101.6	134.3	139.7	35.0	10									
100	4	254	115.4	116.1	116.9	116.9	102.3	97.1	87.3	102.3	97.2	87.3	114.3	114.3	146.1	157.2	35.0	11									
(125)	(5)	279	141.2	143.8	143.0	144.6	126.6	120.8	108.0	128.2	122.3	109.6	139.8	141.2	177.8	185.7	38.1	11									
150	6	318	166.6	170.7	168.4	171.5	151.0	143.2	128.8	154.1	146.3	131.8	165.2	168.4	206.2	215.9	41.1	13									
200	8	381	218.0	221.5	219.5	222.3	199.9	190.9	170.3	202.7	193.7	173.1	216.3	219.2	260.3	269.9	47.7	13									
250	10	445	269.5	276.4	271.7	277.4	248.8	237.2	210.2	254.4	242.9	215.9	267.4	273.1	320.5	323.8	54.0	13									
300	12	521	321.0	327.2	322.8	328.2	297.9	283.7	251.9	303.2	288.9	257.2	316.5	323.9	400.1	381.0	57.2	13									
350	14	584	358.1	359.2	-	360.2	333.4	317.6	284.2	333.3	317.5	284.2	355.6	355.6	431.8	412.8	69.9	13									
400	16	648	409.0	410.5	-	411.3	381.0	363.6	325.4	381.0	363.6	325.5	406.4	406.4	482.6	469.9	83.5	13									
450	18	710	460.0	461.8	-	462.4	428.6	409.6	366.8	428.7	409.6	366.7	457.2	457.2	533.4	533.4	86.7	13									
500	20	775	511.0	513.1	-	514.4	477.8	455.6	408.0	477.8	455.6	408.0	508.0	508.0	587.4	584.2	89.9	13									
600	24	914	613.0	616.0	-	616.0	574.6	547.8	490.6	574.7	547.7	490.6	609.6	609.6	701.5	692.2	101.6	13									

Class 600

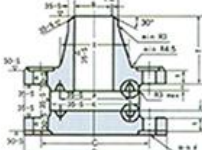
UNIT:mm

Nominal Pipe Size	Outside Dia. of Flanges		Slip-on Socket B ₁		Lap-Joint B ₂		Dia. of Bore						Dia. of Hub at Bevel A		Dia. of Hub at Base	Dia. of Raised Face	Thick. of Flang-es	Rad-ius of Fillet									
							Welding-Neck, Socket B						JPI	ANSI					SCH40	SCH80	SCH160						
							JPI															ANSI					
							A	B	D	J	K	L										M	N	O	P	Q	R
15	1/2	95	22.2	22.4	-	22.9	16.1	14.3	12.3	15.8	13.9	11.8	21.7	21.3	38.1	34.9	14.3	3									
20	3/4	117	27.7	27.7	-	28.2	21.4	19.4	16.2	20.9	18.8	15.6	27.2	26.7	47.8	42.9	15.9	3									
25	1	124	34.5	34.6	-	35.1	27.2	25.0	21.2	26.6	24.3	20.7	34.0	33.5	53.8	50.8	17.5	3									
(32)	(1 1/4)	153	43.2	43.2	-	43.7	35.5	32.9	29.9	35.1	32.5	29.5	42.7	42.2	63.5	60.5	20.7	5									
40	1 1/2	155	49.1	49.6	-	50.0	41.2	38.4	34.4	40.9	38.1	34.0	48.6	48.3	69.9	73.0	22.3	6									
50	2	165	61.1	62.0	-	62.5	52.7	49.5	43.1	52.5	49.3	42.9	60.5	60.5	84.1	92.1	25.4	8									
65	2 1/2	191	77.1	74.7	-	75.5	65.9	62.3	57.3	62.7	59.0	54.0	76.3	73.2	100.1	104.8	28.6	8									
80	3	210	90.0	90.0	-	91.4	78.1	73.9	66.9	77.9	73.7	66.7	89.1	86.9	117.3	127.0	31.8	10									
(90)	(3 1/2)	229	102.6	103.4	-	104.2	90.2	85.4	76.2	90.1	85.5	-	101.6	101.6	134.3	139.7	35.0	10									
100	4	254	115.4	116.1	-	116.9	102.3	97.1	87.3	102.3	97.2	87.3	114.3	114.3	146.1	157.2	35.0	11									
(125)	(5)	279	141.2	143.8	-	144.6	126.6	120.8	108.0	128.2	122.3	109.6	139.8	141.2	177.8	185.7	38.1	11									
150	6	318	166.6	170.7	-	171.5	151.0	143.2	128.8	154.1	146.3	131.8	165.2	168.4	206.2	215.9	41.1	13									
200	8	419	218.0	221.5	-	222.3	199.9	190.9	170.3	202.7	193.7	173.1	216.3	219.2	273.1	269.9	55.6	13									
250	10	508	269.5	276.4	-	277.4	248.8	237.2	210.2	254.4	242.9	215.9	267.4	273.1	342.9	323.8	63.5	13									
300	12	559	321.0	327.2	-	328.2	297.9	283.7	251.9	303.2	288.9	257.2	316.5	323.9	400.1	381.0	66.7	13									
350	14	603	358.1	359.2	-	360.2	333.4	317.6	284.2	333.3	317.5	284.2	355.6	355.6	431.8	412.8	69.9	13									
400	16	684	409.0	410.5	-	411.3	381.0	363.6	325.4	381.0	363.6	325.5	406.4	406.4	482.6	469.9	83.5	13									
450	18	743	460.0	461.8	-	462.4	428.6	409.6	366.8	428.7	409.6	366.7	457.2	457.2	533.4	533.4	86.7	13									
500	20	813	511.0	513.1	-	514.4	477.8	455.6	408.0	477.8	455.6	408.0	508.0	508.0	587.4	584.2	89.9	13									
600	24	940	613.0	616.0	-	616.0	574.6	547.8	490.6	574.7	547.7	490.6	609.6	609.6	717.6	692.2	101.6	13									

THREADED



LAP-JOINT



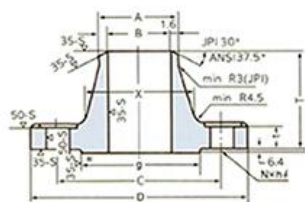
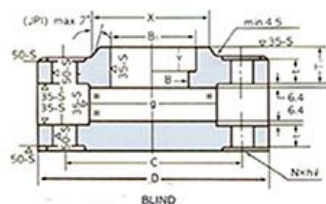
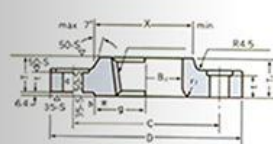
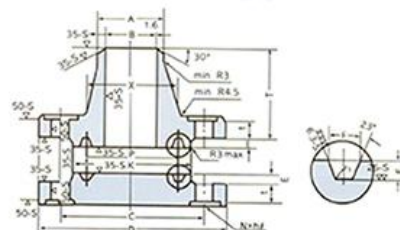
RING-JOINT



Class 400

UNIT:mm

Length thru Hub		Drilling		Dia. of Raised Face for Ring Joint		Pitch Dia. of Ring & Groove		RTJ Type			Approx.Weight(kg)				Nominal Pipe Size				
Slip-on Socket Thread	Lap Joint	Welding Neck	Depth of Socket	Dia. of Bolt Circle	Number of Bolt	Dia. of Bolt Hole	h	K(min)	P	Ring No.	Depth of Groove	Width of Groove	Radius of Groove	W.N	S.O	S.W	B.L	A	B
T ₁	T ₂	T	Y	C	N	N	h	K(min)	P	R	E	F	f _r						
22.4	22	52.3	9.5	66.5	4	16	51.0	34.14	R11	5.56	7.14	0.8	0.88	0.74	0.78	0.76	15	1/2	
25.4	25	57.2	11.1	82.6	4	19	63.5	42.88	R13	6.35	8.74	0.8	1.40	1.24	1.28	1.27	20	3/4	
29.9	27	62.0	12.7	88.9	4	19	70.0	50.80	R16	6.35	8.74	0.8	1.76	1.51	1.57	1.59	25	1	
28.4	29	66.5	14.3	98.6	4	19	79.5	60.32	R18	6.35	8.74	0.8	2.41	2.03	2.11	2.24	(32)	(1 1/4)	
31.8	32	69.9	15.9	114.3	4	22	90.5	68.28	R20	6.35	8.74	0.8	3.44	3.01	3.11	3.30	40	(1 1/2)	
36.6	37	73.0	17.5	127.0	8	19	108	82.55	R23	7.92	11.91	0.8	4.18	3.69	3.77	4.11	50	2	
41.1	41	79.2	19.0	149.4	8	22	127	101.60	R26	7.92	11.91	0.8	6.11	5.20	5.57	6.20	65	2 1/2	
46.0	46	82.6	20.6	168.1	8	22	146	123.82	R31	7.92	11.91	0.8	8.27	7.08	7.47	8.51	80	3	
49.3	49	85.9	22.2	184.2	8	26	159	131.78	R34	7.92	11.91	0.8	10.3	8.86	-	10.9	(90)	(3 1/2)	
53.8	51	88.9	23.8	200.2	8	26	175	149.22	R37	7.92	11.91	0.8	12.9	11.1	-	13.7	100	4	
57.2	54	101.6	23.8	235.0	8	26	210	180.98	R41	7.92	11.91	0.8	17.1	14.2	-	18.6	(125)	(5)	
53.8	57	103.7	27.0	269.7	12	25	241	211.12	R45	7.92	11.91	0.8	22.6	18.9	-	25.7	150	6	
68.3	68	117.3	31.8	330.2	12	29	302	269.88	R49	7.92	11.91	0.8	35.5	29.4	-	42.9	200	8	
73.2	101.6	124.0	33.3	387.4	16	32	356	323.85	R53	7.92	11.91	0.8	50.4	41.1	-	64.0	250	10	
79.2	158.0	136.7	38.7	450.9	16	35	413	381.00	R57	7.92	11.91	0.8	73.8	59.2	-	95.7	300	12	
84.1	117.3	149.4	44.3	514.4	20	35	457	419.10	R61	7.92	11.91	0.8	99.0	60.0	-	125	350	14	
93.7	127	152.4	44.5	571.5	20	39	508	459.90	R65	7.92	11.91	0.8	125	103	-	162	400	16	
98	136.7	165.1	49.2	62															

WELDING-NECK

SLIP-ON SOCKET-WELDING

THREADED LAP-JOINT

RING-JOINT

Class 900

UNIT:mm

Nominal Pipe Size	Outside Dia. of Flanges		Dia. of Bore												Dia. of Hub at Bevel A	Dia. of Hub at Base X	Dia. of Raised Face 9	Thick of Flanges t	Radius of Fillet r
			Slip-on Socket Br		Lap-Joint Br		Welding-Neck, Socket B						JPI	ANSI					
							Welding-Neck, Socket B												
			JPI						ANSI										
A	B	D	JPI	ANSI	JPI	ANSI	SCH40	SCH80	SCH160	SCH40	SCH80	SCH160	JPI	ANSI	X	9	t	r	
15	1/2	121	22.2	22.4	-	22.9	16.1	14.3	12.3	15.8	13.9	11.8	21.7	21.3	38.1	34.9	22.4	3	
20	3/4	130	27.7	27.7	-	28.2	21.4	19.4	16.2	20.9	18.8	15.6	27.2	26.7	44.5	42.9	25.4	3	
25	1	149	34.5	34.5	-	35.1	27.2	25.0	21.2	26.6	24.3	20.7	34.0	33.5	52.3	50.8	28.4	3	
(32)	(1 1/4)	159	43.2	43.2	-	43.7	35.5	32.9	29.9	35.1	32.5	29.5	42.7	42.2	63.5	63.5	29.4	5	
40	1 1/2	178	49.1	49.5	-	50.0	41.2	38.4	34.4	40.9	38.1	34.0	48.6	48.3	69.9	73.0	31.8	6	
50	2	216	61.1	62.0	-	62.5	52.7	49.5	43.1	52.5	49.3	42.9	60.5	60.5	104.6	92.1	38.1	8	
65	2 1/2	244	77.1	74.7	-	75.4	65.9	62.3	57.3	62.7	59.0	54.0	76.3	73.2	124.0	104.8	41.1	8	
80	3	241	90.0	90.7	-	91.4	78.1	73.9	66.9	77.9	73.7	66.9	89.1	88.9	127.0	127.0	38.1	10	
(90)	(3 1/2)	-	-	-	-	-	90.2	85.4	76.2	90.1	85.5	-	-	-	-	-	-	-	
100	4	292	115.4	116.1	-	116.9	102.3	97.1	87.3	102.3	97.2	87.3	114.3	114.3	158.8	157.2	44.5	11	
(125)	(5)	349	141.2	143.8	-	144.5	126.6	120.8	108.0	128.2	122.3	109.6	139.8	141.2	190.5	185.7	50.8	11	
150	6	381	166.6	170.7	-	171.5	151.0	143.2	128.8	154.1	146.3	131.8	165.2	168.4	235.0	215.9	55.6	13	
200	8	470	218.0	221.5	-	222.3	199.9	190.9	170.3	202.7	190.7	173.1	216.3	219.2	290.5	269.9	63.5	13	
250	10	546	269.5	276.4	-	277.4	248.8	237.2	210.2	254.5	242.9	215.9	267.4	273.1	368.3	323.8	69.9	13	
300	12	610	321.0	327.2	-	328.2	297.9	283.7	251.9	303.2	288.9	257.2	318.5	323.9	419.1	381.0	79.2	13	
350	14	641	358.1	358.1	-	360.2	333.4	317.6	284.2	333.3	317.5	284.2	355.6	355.6	450.9	412.8	85.9	13	
400	16	705	409.0	409.0	-	411.2	381.0	363.6	325.4	381.0	363.6	325.5	406.4	406.4	508.0	469.9	88.9	13	
450	18	787	460.0	460.0	-	462.3	428.6	409.6	366.8	428.7	409.6	366.7	457.2	457.2	565.2	533.4	101.6	13	
500	20	857	511.0	511.0	-	514.4	477.8	455.6	408.0	477.8	455.6	408.0	508.0	508.0	622.3	584.2	108.0	13	
600	24	1041	613.0	613.0	-	616.0	574.6	547.8	490.6	574.6	547.6	490.6	609.6	609.6	749.3	692.2	139.7	13	

Class 900

UNIT:mm

Length Thru Hub		Drilling				Dia. of Raised Face for Ring Joint	Pitch Dia. of Ring & Groove	Ring No.	RTJ Type			Approx. Weight(kg)				Nominal Pipe Size		
Slip-on Socket Thread	Lap Joint	Welding Neck	Depth of Socket	Dia. of Bolt Circle	Number of Bolt				Depth of Groove	Width of Groove	Radius of Groove	W.N	S.O	S.W	B.L	A	B	
T1	T2	T	Y	C	N	h	P	E	F	r								
31.8	32	60.5	9.5	82.6	4	23	60.5	39.67	R12	6.35	8.74	0.8	1.98	1.76	1.81	1.88	15	1/2
35.1	35	69.9	11.1	88.9	4	23	66.5	44.45	R14	6.35	8.74	0.8	2.64	2.32	2.39	2.50	20	3/4
41.1	41	73.2	12.7	101.6	4	26	71.5	50.80	R16	6.35	8.74	0.8	3.84	3.44	3.56	3.68	25	1
41.1	41	773.2	14.3	111.3	4	26	81.0	60.32	R18	6.35	8.74	0.8	4.47	3.95	4.11	4.19	(32)	(1 1/4)
44.5	44	82.6	15.9	124.0	4	29	92.0	68.28	R20	6.35	8.74	0.8	6.13	5.41	5.61	5.92	40	1 1/2
57.2	57	101.6	17.5	165.1	8	26	124	95.25	R24	7.92	11.91	0.8	11.3	9.92	10.3	10.5	50	2
69.9	64	104.6	19	190.5	8	29	137	107.95	R27	7.92	11.91	0.8	15.3	13.5	14.2	14.2	65	2 1/2
53.8	54	101.6	20.6	190.5	8	26	156	123.82	R31	7.92	1							

The General Material For Chinese Pressure Piping Fittings 中国压力管道管件常用材料

GB# Var. Inty	Material Grade	Standard and Code	Form Type	Chemical Composition %max					
				C	Si	Mn	Cr	Ni	
碳钢 Carbon Steel	20	GB/T	棒BAR	0.17-0.24	0.17-0.37	0.35-0.65	0.25	0.25	
	20	GB	管PIPE	0.17-0.24	0.17-0.37	0.35-0.65	0.25	0.25	
	20	GB/T	管PIPE	0.17-0.24	0.17-0.37	0.35-0.65	0.25	0.25	
	20	GB	管PIPE	0.17-0.24	0.17-0.37	0.35-0.65	0.25	0.25	
	20	GB	管PIPE	0.17-0.24	0.17-0.37	0.35-0.65	0.25	0.25	
	20G	GB	管PIPE	0.17-0.24	0.17-0.37	0.35-0.65			
	20G	GB	管PIPE	0.17-0.24	0.17-0.37	0.35-0.65			
	20R	GB	管PIPE	0.17-0.24	0.17-0.37	0.35-0.65			
	20R	GB	管PIPE	0.17-0.24	0.17-0.37	0.35-0.65			
	Q235A	GB	管PIPE	0.22	0.05-0.30	0.35-0.80			
	Q235B	GB	管PIPE	0.22	0.05-0.30	0.35-0.80			
	Q235C	GB	管PIPE	0.22	0.05-0.30	0.35-0.80			
	Q235D	GB	管PIPE	0.22	0.05-0.30	0.35-0.80			
	Q355A	GB	管PIPE	0.22	0.05-0.30	0.35-0.80			
	Q355B	GB	管PIPE	0.22	0.05-0.30	0.35-0.80			
合金钢 Alloy Steel	12Cr1Mo	GB	棒BAR	0.15	0.50-1.00	0.30-0.60	2.15-2.85		
	12Cr1Mo	GB	管PIPE	0.15	0.50-1.00	0.30-0.60	2.15-2.85		
	12Cr1MoG	GB	管PIPE	0.15	0.50-1.00	0.30-0.60	2.15-2.85		
	12Cr2Ni1Mo	GB	棒BAR	0.18-0.15	0.17-0.37	0.40-0.70	0.40-0.70		
	12Cr2Ni1Mo	GB	管PIPE	0.18-0.15	0.17-0.37	0.40-0.70	0.40-0.70		
	12Cr2Ni1MoG	GB	管PIPE	0.18-0.15	0.17-0.37	0.40-0.70	0.40-0.70		
	12Cr2Ni1Mo	GB	管PIPE	0.18-0.15	0.17-0.37	0.40-0.70	0.40-0.70		
	12Cr2Ni1MoG	GB	管PIPE	0.18-0.15	0.17-0.37	0.40-0.70	0.40-0.70		
	12Cr2Ni1Mo	GB	管PIPE	0.18-0.15	0.17-0.37	0.40-0.70	0.40-0.70		
	12Cr2Ni1MoG	GB	管PIPE	0.18-0.15	0.17-0.37	0.40-0.70	0.40-0.70		
	12Cr2Ni1Mo	GB	管PIPE	0.18-0.15	0.17-0.37	0.40-0.70	0.40-0.70		
	12Cr2Ni1MoG	GB	管PIPE	0.18-0.15	0.17-0.37	0.40-0.70	0.40-0.70		
	12Cr2Ni1Mo	GB	管PIPE	0.18-0.15	0.17-0.37	0.40-0.70	0.40-0.70		
	12Cr2Ni1MoG	GB	管PIPE	0.18-0.15	0.17-0.37	0.40-0.70	0.40-0.70		
	12Cr2Ni1Mo	GB	管PIPE	0.18-0.15	0.17-0.37	0.40-0.70	0.40-0.70		
	12Cr2Ni1MoG	GB	管PIPE	0.18-0.15	0.17-0.37	0.40-0.70	0.40-0.70		
	12Cr2Ni1Mo	GB	管PIPE	0.18-0.15	0.17-0.37	0.40-0.70	0.40-0.70		
	12Cr2Ni1MoG	GB	管PIPE	0.18-0.15	0.17-0.37	0.40-0.70	0.40-0.70		
	12Cr2Ni1Mo	GB	管PIPE	0.18-0.15	0.17-0.37	0.40-0.70	0.40-0.70		
	12Cr2Ni1MoG	GB	管PIPE	0.18-0.15	0.17-0.37	0.40-0.70	0.40-0.70		
	12Cr2Ni1Mo	GB	管PIPE	0.18-0.15	0.17-0.37	0.40-0.70	0.40-0.70		
	12Cr2Ni1MoG	GB	管PIPE	0.18-0.15	0.17-0.37	0.40-0.70	0.40-0.70		
	奥氏体不锈钢 Austenitic Stainless Steel	00Cr19Ni10	GB	棒BAR	0.030	1.00	2.00	16.00-18.00	12.00-15.00
		00Cr19Ni10	GB	管PIPE	0.030	1.00	2.00	16.00-18.00	12.00-15.00
		00Cr19Ni10	GB	管PIPE	0.030	1.00	2.00	16.00-18.00	12.00-15.00
00Cr19Ni10		GB	管PIPE	0.030	1.00	2.00	16.00-18.00	12.00-15.00	
00Cr19Ni10		GB	管PIPE	0.030	1.00	2.00	16.00-18.00	12.00-15.00	
00Cr19Ni10		GB	管PIPE	0.030	1.00	2.00	16.00-18.00	12.00-15.00	
00Cr19Ni10		GB	管PIPE	0.030	1.00	2.00	16.00-18.00	12.00-15.00	
00Cr19Ni10		GB	管PIPE	0.030	1.00	2.00	16.00-18.00	12.00-15.00	
00Cr19Ni10		GB	管PIPE	0.030	1.00	2.00	16.00-18.00	12.00-15.00	
00Cr19Ni10		GB	管PIPE	0.030	1.00	2.00	16.00-18.00	12.00-15.00	
00Cr19Ni10		GB	管PIPE	0.030	1.00	2.00	16.00-18.00	12.00-15.00	
00Cr19Ni10		GB	管PIPE	0.030	1.00	2.00	16.00-18.00	12.00-15.00	
00Cr19Ni10		GB	管PIPE	0.030	1.00	2.00	16.00-18.00	12.00-15.00	
00Cr19Ni10		GB	管PIPE	0.030	1.00	2.00	16.00-18.00	12.00-15.00	
00Cr19Ni10		GB	管PIPE	0.030	1.00	2.00	16.00-18.00	12.00-15.00	
00Cr19Ni10		GB	管PIPE	0.030	1.00	2.00	16.00-18.00	12.00-15.00	
00Cr19Ni10		GB	管PIPE	0.030	1.00	2.00	16.00-18.00	12.00-15.00	
00Cr19Ni10		GB	管PIPE	0.030	1.00	2.00	16.00-18.00	12.00-15.00	
00Cr19Ni10		GB	管PIPE	0.030	1.00	2.00	16.00-18.00	12.00-15.00	
00Cr19Ni10		GB	管PIPE	0.030	1.00	2.00	16.00-18.00	12.00-15.00	
00Cr19Ni10		GB	管PIPE	0.030	1.00	2.00	16.00-18.00	12.00-15.00	
00Cr19Ni10		GB	管PIPE	0.030	1.00	2.00	16.00-18.00	12.00-15.00	
00Cr19Ni10		GB	管PIPE	0.030	1.00	2.00	16.00-18.00	12.00-15.00	
00Cr19Ni10		GB	管PIPE	0.030	1.00	2.00	16.00-18.00	12.00-15.00	
00Cr19Ni10		GB	管PIPE	0.030	1.00	2.00	16.00-18.00	12.00-15.00	
00Cr19Ni10	GB	管PIPE	0.030	1.00	2.00	16.00-18.00	12.00-15.00		
00Cr19Ni10	GB	管PIPE	0.030	1.00	2.00	16.00-18.00	12.00-15.00		
低温钢 Low Temperature Steel	09MnNiG	GB 3531	棒BAR	0.12	0.15-0.50	1.20-1.60	0.25	0.30-0.80	
	16Mn	GB 6479	管PIPE	0.20	0.20-0.60	1.20-1.60	0.30	0.30	
	16Mn	GB 713	管PIPE	0.20	0.20-0.60	1.20-1.60	0.30	0.30	
	16Mn	GB 3531	棒BAR	0.20	0.20-0.60	1.20-1.60	0.30	0.30	
	16Mn	GB 6604	棒BAR	0.20	0.20-0.60	1.20-1.60	0.30	0.30	
	00Cr2Ni14Ni2	GB 1220	棒BAR	0.08	1.0	1.50	23.00-28.00	3.00-6.00	
	00Cr2Ni14Ni2	GB 4237	棒BAR	0.08	1.0	1.50	23.00-28.00	3.00-6.00	
	00Cr2Ni14Ni2	GB 14976	管PIPE	0.08	1.0	1.50	23.00-28.00	3.00-6.00	
	00Cr2Ni14Ni2	GB 1220	棒BAR	0.30	1.30-2.00	1.00-2.00	18.00-19.50	4.50-5.50	
	00Cr2Ni14Ni2	GB 4237	棒BAR	0.30	1.30-2.00	1.00-2.00	18.00-19.50	4.50-5.50	
	S31603	---	---	0.03	---	---	21.23	4.5-5.5	
	S31670	---	---	0.03	---	---	24.26	6.8	
	R30250	---	---	0.08	---	---	---	---	
	R30400	---	---	0.08	---	---	---	---	
	双相不锈钢 Duplex Stainless Steel	00Cr20Ni28Al2	GB 1220	棒BAR	0.08	1.0	1.50	23.00-28.00	3.00-6.00
00Cr20Ni28Al2		GB 4237	棒BAR	0.08	1.0	1.50	23.00-28.00	3.00-6.00	
00Cr20Ni28Al2		GB 14976	管PIPE	0.08	1.0	1.50	23.00-28.00	3.00-6.00	
00Cr20Ni28Al2		GB 1220	棒BAR	0.30	1.30-2.00	1.00-2.00	18.00-19.50	4.50-5.50	
00Cr20Ni28Al2		GB 4237	棒BAR	0.30	1.30-2.00	1.00-2.00	18.00-19.50	4.50-5.50	
S31803		---	---	0.03	---	---	21.23	4.5-5.5	
S31870		---	---	0.03	---	---	24.26	6.8	
R30250		---	---	0.08	---	---	---	---	
R30400		---	---	0.08	---	---	---	---	
Ti Material		Ti-0.02	---	---	0.02	---	---	---	---
		Ti-0.05	---	---	0.05	---	---	---	---
		Ti-0.10	---	---	0.10	---	---	---	---
		Ti-0.15	---	---	0.15	---	---	---	---
		Ti-0.20	---	---	0.20	---	---	---	---
		Ti-0.25	---	---	0.25	---	---	---	---
	Ti-0.30	---	---	0.30	---	---	---	---	
	Ti-0.35	---	---	0.35	---	---	---	---	
	Ti-0.40	---	---	0.40	---	---	---	---	
	Ti-0.45	---	---	0.45	---	---	---	---	
	Ti-0.50	---	---	0.50	---	---	---	---	
	Ti-0.55	---	---	0.55	---	---	---	---	
	Ti-0.60	---	---	0.60	---	---	---	---	
	Ti-0.65	---	---	0.65	---	---	---	---	
	Ti-0.70	---	---	0.70	---	---	---	---	

●材料化学成分和力学性能指标为某项条件的规定值,使用时请查阅标准。

The General Material For Chinese Pressure Piping Fittings 中国压力管道管件常用材料

MO	P	S	Other	力学性能 Mechanical Properties				
				σ _b MPa min	σ _s MPa min	HB Max	Other	
---	0.035	0.035	CU0.25	450	245	25	156	v % 50
---	0.035	0.035	CU0.25	302-568	208	20	---	---
---	0.035	0.035	CU0.25	300-550	228	20	---	---
---	0.035	0.035	CU0.25	450-550	245	21	---	AKVJ.39
---	0.035	0.043	CU0.25	450	245	20	---	---
---	0.035	0.035	CU0.20 N 0.008	432-579	245	24	---	AKVJ.49
---	0.035	0.035	---	430-550	245	24	---	AK. J2m2.49
---	0.035	0.035	---	450-540	245	26	---	AKVJ.27 AKU. J2m2.29
---	0.035	0.035	---	450-550	245	26	---	AKVJ.27
---	0.045	0.030	---	375-460	245	26	---	---
---	0.045	0.050	---	375-460	235	26	---	AKVJ.27
0.45-0.60	0.035	0.040	---	500	235	18	---	---
0.45-0.60	0.035	0.030	CU0.25	300-560	390	22	---	AK. J2m2.118
0.45-0.60	0.035	0.030	CU0.25	390	195	22	187	AKUJ.50
0.45-0.60	0.035	0.30	CU0.25	390	195	22	179	AKUJ.50
0.40-0.55	0.035	0.030	CU0.30	410	175	24	179	v % 60 AKUJ.2.110
0.40-0.55	0.035	0.030	CU0.25	410-560	265	21	---	AK. J2m2.69
0.40-0.55	0.035	0.040	CU0.25	410-560	205	21	156	AKUJ.55
0.40-0.55	0.035	0.030	CU0.20	410-560	205	21	---	AKUJ.35
0.25-0.35	0.035	0.030	V0.15-0.30 CU0.25	490	265	22	179	v % 50 AKUJ.2.71
0.25-0.35	0.03	0.030	V0.15-0.30 CU0.20	470-440	245	21	---	AKUJ.35
0.25-0.35	0.03	0.030	CU0.30	440	255	19	---	AKVJ.31
0.90-1.20	0.35	0.030	CU0.25	450-500	245	20	---</	

OUTSIDE DIAMETER&WALL THICKNESS
管壁厚分级表 (GB标准)

GB12459-2005

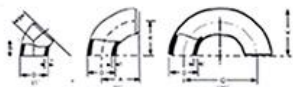
公称 直径 DN	外径(D)		公称壁厚															
	A 系列	B 系列	Sch 5S	Sch 10S	Sch 20S	LG	Sch 20	Sch 30	STD	Sch 40	Sch 60	XS	Sch 80	Sch 100	Sch 120	Sch 140	Sch 160	
15	21.3	18	1.6	2.1	2.6	-	-	-	-	2.9	-	-	3.6	-	-	-	-	4.5
20	26.9	25	1.6	2.1	2.6	-	-	-	-	2.9	-	-	4.0	-	-	-	-	5.6
25	33.7	32	1.6	2.1	3.2	-	-	-	-	3.2	-	-	4.5	-	-	-	-	6.3
32	42.4	38	1.6	2.6	3.2	-	-	-	-	3.6	-	-	5.0	-	-	-	-	6.3
40	48.3	45	1.6	2.8	3.2	-	-	-	-	3.6	-	-	5.0	-	-	-	-	7.1
50	60.3	57	1.6	2.8	3.6	-	3.2	-	-	4.0	-	-	5.6	-	-	-	-	8.8
65	76.1	76	2.0	3.0	3.6	-	4.5	-	-	5.0	-	-	7.1	-	-	-	-	10.0
80	88.9	89	2.0	3.0	4.0	-	4.5	-	-	5.6	-	-	8.0	-	-	-	-	11.0
90	101.6	-	2.0	3.0	4.0	-	4.5	-	-	5.6	-	-	8.0	-	-	-	-	12.5
100	114.3	108	2.0	3.0	4.0	-	5.0	-	-	5.9	-	-	8.8	-	11.0	-	-	14.2
125	139.7	133	2.9	3.4	5.0	-	5.0	-	-	6.3	-	-	10.0	-	125.0	-	-	16.0
150	168.3	159	2.9	3.4	5.0	-	5.6	-	-	7.1	-	-	11.0	-	14.2	-	-	17.5
200	219.1	219	2.9	4.0	6.3	-	6.3	7.1	-	8.0	10.0	-	12.5	16.0	17.5	20.0	-	22.2
250	273.0	273	3.6	4.0	6.3	-	6.3	8.0	-	8.8	12.5	-	16.0	17.5	22.2	25.0	-	28.0
300	323.9	325	4.0	4.5	6.3	-	6.3	8.8	-	10.0	14.2	-	17.5	22.2	25.0	28.0	-	32.0
350	355.6	377	4.0	5.0	-	8.0	8.0	10.0	10.0	11.0	16.0	13.0	20.0	25.8	28.0	32.0	-	36.0
400	406.4	426	4.0	5.0	-	8.0	8.0	10.0	10.0	12.5	17.5	13.0	22.2	28.5	30.0	36.0	-	40.0
450	457.0	478	4.0	5.0	-	8.0	8.0	11.0	10.0	14.2	20.0	13.0	25.0	30.0	36.0	40.0	-	45.0
500	508.0	529	5.0	5.6	-	8.0	10.0	12.5	10.0	16.0	20.0	13.0	28.0	32.0	40.0	45.0	-	50.0
550	559	-	5.0	5.6	-	8.0	-	-	10.0	-	-	13.0	30.0	-	-	-	-	-
600	610	630	5.6	6.3	-	8.0	-	-	10.0	17.5	-	13.0	32.0	-	-	-	-	-
650	660	-	-	-	-	8.0	-	-	10.0	-	-	13.0	-	-	-	-	-	-
700	711	720	-	-	-	8.0	-	-	10.0	-	-	13.0	-	-	-	-	-	-
750	762	-	-	-	-	8.0	-	-	10.0	-	-	13.0	-	-	-	-	-	-
800	813	820	-	-	-	8.0	-	-	10.0	-	-	13.0	-	-	-	-	-	-
850	864	-	-	-	-	8.0	-	-	10.0	-	-	13.0	-	-	-	-	-	-
900	914	920	-	-	-	8.0	-	-	10.0	-	-	13.0	-	-	-	-	-	-
950	965	-	-	-	-	8.0	-	-	10.0	-	-	13.0	-	-	-	-	-	-
1000	1016	1020	-	-	-	8.0	-	-	10.0	-	-	13.0	-	-	-	-	-	-
1050	1067	-	-	-	-	8.0	-	-	10.0	-	-	13.0	-	-	-	-	-	-
1100	1118	1120	-	-	-	8.0	-	-	10.0	-	-	13.0	-	-	-	-	-	-
1150	1168	-	-	-	-	8.0	-	-	10.0	-	-	13.0	-	-	-	-	-	-
1200	1219	1220	-	-	-	8.0	-	-	10.0	-	-	13.0	-	-	-	-	-	-

OUTSIDE DIAMETER&WALL THICKNESS
管壁厚分级表 (ANSI标准)

ANSI B36.10&B36.19 OUTSIDE DIAMETER&WALL THICKNESS

Nom Pipe Size	OO	Nominal Wall Thickness																
		Sch 5S	Sch 10S	Sch 10	Sch 20	Sch 30	STD	Sch 40	XS	Sch 60	Sch 80	Sch 100	Sch 120	Sch 140	Sch 160	XXS		
1/8	10.3	-	1.24	-	-	-	1.73	1.73	2.41	-	2.41	-	-	-	-	-	-	
1/4	13.7	-	1.65	-	-	-	2.24	2.24	3.02	-	3.02	-	-	-	-	-	-	
3/8	17.1	-	1.65	-	-	-	2.31	2.31	3.20	-	3.20	-	-	-	-	-	-	
1/2	21.3	1.65	2.11	-	-	-	2.77	2.77	3.73	-	3.73	-	-	-	-	4.78	7.47	
3/4	26.7	1.65	2.11	-	-	-	2.87	2.87	3.91	-	3.91	-	-	-	-	5.56	7.62	
1	35.4	1.65	2.77	-	-	-	3.38	3.38	4.55	-	4.55	-	-	-	-	6.35	9.09	
1 1/4	42.2	1.65	2.77	-	-	-	3.56	3.56	4.85	-	4.85	-	-	-	-	6.35	9.70	
1 1/2	48.3	1.65	2.77	-	-	-	3.68	3.69	5.08	-	5.08	-	-	-	-	7.14	10.15	
2	60.3	1.65	2.77	-	-	-	3.91	3.91	5.54	-	5.54	-	-	-	-	8.74	11.07	
2 1/2	73.0	2.11	3.05	-	-	-	5.16	5.16	7.01	-	7.01	-	-	-	-	9.53	14.02	
3	88.9	2.11	3.05	-	-	-	5.49	5.49	7.62	-	7.62	-	-	-	-	11.13	15.24	
3 1/2	101.6	2.11	3.05	-	-	-	5.74	5.74	8.08	-	8.08	-	-	-	-	-	-	
4	114.3	2.11	3.05	-	-	-	6.02	6.02	8.56	-	8.56	-	11.13	-	13.49	17.12	-	
5	141.3	2.77	3.40	-	-	-	6.88	6.88	9.53	-	9.53	-	12.70	-	15.88	18.05	-	
6	168.3	2.77	3.40	-	-	-	7.11	7.11	10.97	-	10.97	-	14.27	-	18.26	21.95	-	
8	219.1	2.77	3.76	-	-	6.35	7.04	8.18	8.18	12.70	10.31	12.70	15.09	18.26	20.62	23.01	22.23	
10	273.1	3.40	4.19	-	-	6.35	7.80	9.27	9.27	12.70	12.70	15.09	18.26	21.44	25.40	28.58	25.40	
12	323.9	3.96	4.57	-	-	6.35	8.38	9.53	10.31	12.70	14.27	17.48	21.44	25.40	28.58	33.32	25.40	
14	355.6	3.96	4.78	6.35	7.92	9.53	11.13	12.70	15.09	19.05	23.83	27.79	31.75	35.71	-	-	-	
16	406.4	4.19	4.78	6.35	7.92	9.53	12.70	12.70	16.66	21.44	26.19	30.96	36.53	40.49	-	-	-	
18	457	4.19	4.78	6.35	7.92	11.13	9.53	14.27	12.70	19.05	23.83	29.36	34.93	39.67	45.24	-	-	
20	508	4.78	5.54	6.35	9.53	12.70	9.53	15.09	12.70	20.62	26.19	32.54	38.10	44.45	50.01	-	-	
22	559	4.78	5.54	6.35	9.53	12.70	9.53	-	12.70	22.23	28.58	34.93	41.28	47.63	53.98	-	-	
24	610	5.54	6.35	6.35	9.53	14.27	9.53	17.48	12.70	24.61	30.96	38.89	46.2	52.37	59.54	-	-	
26	660	-	-	7.92	12.70	-	9.53	-	12.70	-	-	-	-	-	-	-	-	
28	711	-	-	7.92	12.70	15.88	9.53	-	12.70	-	-	-	-	-	-	-	-	
30	762	6.35	7.92	7.92	12.70	15.88	9.53	-	12.70	-	-	-	-	-	-	-	-	
32	813	-	-	7.92	12.70	15.88	9.53	17.48	12.70	-	-	-	-	-	-	-	-	
34	864	-	-	7.92	12.70	15.88	9.53	17.48	12.70	-	-	-	-	-	-	-	-	
36	914	-	-	7.92	12.70	15.88	9.53	19.05	12.70	-	-	-	-	-	-	-	-	
38	965	-	-	-	-	-	9.53	-	12.70	-	-	-	-	-	-	-	-	
40	1016	-	-	-	-	-	9.53	-	12.70	-	-	-	-	-	-	-	-	
42	1067	-	-	-	-	-	9.53	-	12.70	-	-	-	-	-	-	-	-	
44	1118	-	-	-	-	-	9.53	-	12.70	-	-	-	-	-	-	-	-	
46	1168	-	-	-	-	-	9.53	-	12.70	-	-	-	-	-	-	-	-	
48	1219	-	-	-	-	-	9.53	-	12.70	-	-	-	-	-	-	-	-	

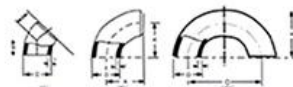
长半径弯头
规格 重量



Elbows
Long Radius
ASME/ANSI B16.9
MSS SP-43

Nominal Pipe Size 公称直径 英寸	Dimensions		Center to End A/B Center to Center O Back to Face k mm	Wall Thickness t			Approx. Weight 重量 kg
	Outside Diameter at Bevel D 外径			Sch. NO.	t		
	inch 英寸	mm			inch 英寸	mm	
12	0.840	21.3	A=35.1 B=15.7 O=76.2 K=47.8	5S	0.065	1.65	0.06
				10S	0.083	2.11	0.06
				Std 40 40S	0.109	2.77	0.06
				XS 80 80S	0.147	3.73	0.10
				160 XXS	0.188 0.294	4.78 7.47	
34	1.050	26.7	A=35.1 B=19.1 O=76.2 K=50.8	5S	0.065	1.65	0.06
				10S	0.083	2.11	0.08
				Std 40 40S	0.113	2.87	0.11
				XS 80 80S	0.154	3.91	0.14
				160 XXS	0.219 0.308	5.56 7.82	
1	1.315	33.4	A=38.1 B=22.4 O=76.2 K=55.6	5S	0.065	1.65	0.06
				10S	0.109	2.77	0.13
				Std 40 40S	0.133	3.38	0.16
				XS 80 80S	0.179	4.55	0.20
				160 XXS	0.250 0.358	6.35 9.09	0.25 0.26
1 1/4	1.660	42.2	A=47.8 B=25.4 O=95.3 K=69.9	5S	0.065	1.65	0.21
				10S	0.109	2.77	0.24
				Std 40 40S	0.140	3.55	0.26
				XS 80 80S	0.191	4.85	0.35
				160 XXS	0.250 0.365	6.35 9.70	0.42 0.64
1 1/2	1.900	48.3	A=57.2 B=28.4 O=114.3 K=82.6	5S	0.065	1.65	0.17
				10S	0.109	2.77	0.26
				Std 40 40S	0.145	3.68	0.37
				XS 80 80S	0.200	5.08	0.50
				160 XXS	0.281 0.400	7.14 10.15	0.65 0.93
2	2.375	60.3	A=76.2 B=35.1 O=152.4 K=106.4	5S	0.065	1.65	0.28
				10S	0.109	2.77	0.45
				Std 40 40S	0.154	3.91	0.66
				XS 80 80S	0.218	5.54	0.90
				160 XXS	0.344 0.436	8.74 11.07	1.33 1.61
2 1/2	2.875	73.0	A=95.3 B=44.5 O=190.5 K=131.8	5S	0.083	2.11	0.50
				10S	0.120	3.05	0.80
				Std 40 40S	0.203	5.16	1.29
				XS 80 80S	0.276	7.01	1.79
				160 XXS	0.375 0.552	9.53 14.02	2.33 3.43
3	3.500	88.9	A=114.3 B=50.8 O=228.6 K=158.8	5S	0.083	2.11	0.80
				10S	0.120	3.05	1.17
				Std 40 40S	0.216	5.49	2.04
				XS 80 80S	0.300	7.62	2.74
				160 XXS	0.438 0.600	11.13 15.24	3.83 5.25
4	4.500	114.3	A=152.4 B=63.5 O=304.8 K=209.6	5S	0.083	2.11	1.39
				10S	0.120	3.05	2.03
				Std 40 40S	0.227	6.02	3.85
				XS 80 80S	0.337	8.56	5.36
				120 160 XXS	0.438 0.521 0.674	11.13 13.49 17.12	6.78 8.03 10.2
5	5.563	141.3	A=190.5 B=79.2 O=381.0 K=261.9	5S	0.109	2.79	2.82
				10S	0.134	3.40	3.45
				Std 40 40S	0.258	6.55	6.51
				XS 80 80S	0.375	9.53	9.27
				120 160 XXS	0.500 0.625 0.750	12.70 15.88 19.05	12.1 14.7 17.6

长半径弯头
规格 重量



Elbows
Long Radius
ASME/ANSI B16.9
MSS SP-43

Nominal Pipe Size 公称直径 英寸	Dimensions		Center to End A/B Center to Center O Back to Face k mm	Wall Thickness t			Approx. Weight 重量 kg
	Outside Diameter at Bevel D 外径			Sch. NO.	t		
	inch 英寸	mm			inch 英寸	mm	
6	6.625	168.3	A=228.6 B=95.3 O=745.7 K=312.7	5s	0.109	2.77	4.10
				10s	0.134	3.40	4.96
				Std 40 40s	0.280	7.11	10.10
				XS 80 80s	0.432	10.97	15.30
				120 160 XXS	0.562 0.719 0.864	14.27 18.26 21.95	19.50 24.20 29.10
8	8.625	219.1	A=304.8 B=127.0 O=609.6 K=414.3	5s	0.109	2.77	7.15
				10s	0.148	3.76	9.65
				20	0.250	6.35	15.90
				30	0.277	7.04	17.60
				Std 40 40s	0.322	8.18	20.40
60	0.406	10.31	25.40				
XS 80 80s	0.500	12.70	30.90				
100	0.594	15.09	36.30				
120	0.719	18.26	43.30				
140	0.812	20.62	48.30				
160	0.906	23.01	53.30				
XXS	0.875	22.23	51.70				
10	10.750	273.0	A=381.0 B=158.8 O=762.0 K=517.7	5s	0.134	3.40	13.70
				10s	0.160	4.19	16.70
				20	0.250	6.35	25.00
				30	0.267	6.80	30.50
				Std 40 40s	0.365	9.27	36.10
XS 80 80s	0.500	12.70	48.80				
80	0.594	15.09	57.30				
100	0.719	18.26	68.60				
120	0.844	21.44	79.50				
140XXS	1.000	25.40	92.80				
160	1.125	28.58	103.00				
12	12.750	323.9	A=457.2 B=190.5 O=914.4 K=619.3	5s	0.156	3.96	23.00
				10s	0.180	4.57	26.10
				20	0.250	6.35	35.70
				30	0.330	8.38	46.80
				Std 40s	0.375	9.53	53.10
40	0.406	10.31	57.80				
XS 80s	0.500	12.70	70.00				
60	0.562	14.27	78.20				
80	0.688	17.48	94.70				
100	0.844	21.44	115.00				
120XXS	1.000	25.40	134.00				
140	1.125	28.58	149.00				
160	1.312	33.32	171.00				
14	14.000	355.6	A=533.4 B=222.3 O=1066.8 K=711.2	5s	0.156	3.96	30.80
				10s	0.188	4.78	36.90
				10	0.250	6.35	45.80
				20	0.312	7.92	56.90
				Std 20	0.375	9.53	68.10
40	0.438	11.13	79.20				
xs	0.500	12.70	90.00				
60	0.594	15.09	106.00				
80	0.750	19.05	132.00				
100	0.938	23.83	163.00				
120	1.094	27.79	186.00				
140	1.250	31.75	212.00				
160	1.406	35.71	236.00				

长半径弯头
规格 重量



Elbows
Long Radius
ASME/ANSI B16.9
MSS SP-43

Nominal Pipe Size 公称通径 英寸	Dimensions		Center to End A/B Center to Center O Back to Face k mm	Sch. NO.	Wall Thickness t 壁厚		Approx. Weight 重量 90° kg				
	Outside Diameter at Bevel D 外径				t						
	inch 英寸	mm			inch 英寸	mm					
16	16.000	406.4	A=609.6 B=254.0 O=1219.2 K=812.8	5s	0.165	4.19	39.90				
				10s	0.188	4.78	45.50				
				10	0.250	6.35	74.30				
				20	0.312	7.92	60.00				
				Sch 20	0.375	9.53	89.50				
				xs/43	0.500	12.70	118.00				
				60	0.656	16.66	153.00				
				80	0.844	21.44	195.00				
				100	1.031	26.19	235.00				
				120	1.219	30.96	274.00				
				140	1.438	36.53	319.00				
				160	1.594	40.49	350.00				
				18	18.000	457.0	A=665.8 B=285.8 O=1371.6 K=914.4	5s	0.165	4.19	50.50
								10s	0.188	4.78	57.70
								10	0.250	6.35	76.10
								20	0.312	7.92	94.50
30	0.438	11.13	113.00								
Sch 30	0.375	9.53	132.00								
xs	0.500	12.70	150.00								
40	0.562	14.27	158.00								
60	0.750	19.05	222.00								
80	0.937	23.83	274.00								
100	1.156	29.36	334.00								
120	1.375	34.93	392.00								
140	1.562	39.67	440.00								
160	1.781	45.24	495.00								
20	20.000	508.0	A=762.0 B=317.5 O=1524.0 K=1016.0					5s	0.188	4.78	71.30
								10s	0.218	5.54	81.50
				10	0.250	6.35	94.00				
				Sch 20	0.375	9.53	140.00				
				xs/30	0.500	12.70	186.00				
				40	0.594	15.09	220.00				
				60	0.812	20.62	297.00				
				80	1.031	26.19	372.00				
				100	1.281	32.54	457.00				
				120	1.500	38.10	528.00				
				140	1.750	44.45	609.00				
				160	1.969	50.01	678.00				
				22	22.000	559.0	A=838.2 B=342.9 O=1676.4 K=1117.6	5s	0.188	4.78	85.30
								10s	0.218	5.54	98.80
								10	0.250	6.35	114.00
								Sch 20	0.375	9.53	170.00
xs/30	0.500	12.70	225.00								
60	0.875	22.23	367.00								
80	1.125	28.56	493.00								
100	1.375	34.93	594.00								
120	1.625	41.23	694.00								
140	1.875	47.63	790.00								
160	2.125	53.98	886.00								

长半径弯头
规格 重量



Elbows
Long Radius
ASME/ANSI B16.9
MSS SP-43

Nominal Pipe Size 公称通径 英寸	Dimensions		Center to End A/B Center to Center O Back to Face k mm	Sch. NO.	Wall Thickness t 壁厚		Approx. Weight 重量 90° kg				
	Outside Diameter at Bevel D 外径				t						
	inch 英寸	mm			inch 英寸	mm					
24	24.000	610.0	A=914.4 B=381.0 O=1828.8 K=1219.2	5s	0.218	5.54	118.00				
				10s	0.250	6.35	137.00				
				10	0.250	6.35	136.00				
				Sch 20	0.375	9.53	202.00				
				XS	0.500	12.70	269.00				
				30	0.562	14.27	301.00				
				40	0.688	17.48	366.00				
				60	0.969	24.61	510.00				
				80	1.219	30.96	636.00				
				100	1.531	38.89	786.00				
				120	1.812	46.02	919.00				
				140	2.062	52.37	1033.00				
				160	2.344	59.54	1160.00				
				26	26.000	660.0	A=990.6 B=405.4	10	0.312	7.92	198.00
								Sch 30	0.375	9.53	238.00
								XS 20	0.500	12.70	316.00
10	0.312	7.92	230.00								
28	28.000	711.0	A=1066.8 B=438.2	Sch 30	0.375	9.53	276.00				
				XS 20	0.500	12.70	367.00				
				30	0.625	15.88	456.00				
				5s	0.250	6.35	-				
30	30.000	762.0	A=1143.0 B=469.9	10s	0.312	7.92	264.00				
				Sch 30	0.375	9.53	318.00				
				Sch 30	0.500	12.70	421.00				
				XS 20	0.500	12.70	524.00				
32	32.000	813.0	A=1219.2 B=501.7	30	0.625	15.88	504.00				
				Sch 30	0.375	9.53	362.00				
				XS 20	0.500	12.70	480.00				
				30	0.625	15.88	597.00				
34	34.000	864.0	A=1295.4 B=533.4	40	0.688	17.48	656.00				
				10	0.312	7.92	340.00				
				Sch 30	0.375	9.53	408.00				
				XS 20	0.500	12.70	543.00				
36	36.000	914.0	A=1371.6 B=565.2	30	0.625	15.88	675.00				
				40	0.688	17.48	742.00				
				10	0.312	7.92	381.00				
				Sch 30	0.375	9.53	458.00				
38	38.000	965.0	A=1447.8 B=600.0	XS 20	0.500	12.70	608.00				
				30	0.625	15.88	758.00				
				40	0.750	19.05	906.00				
				Sch 40	0.375	9.53	510.00				
40	40.000	1016.0	A=1524 B=631.8	XS 80	0.500	12.70	679.00				
				Sch 40	0.375	9.53	565.00				
				XS 80	0.500	12.70	753.00				
				Sch 40	0.375	9.53	622.00				
42	42.000	1066.8	A=1600.2 B=660.4	Sch 40	0.375	9.53	622.00				
				XS 80	0.500	12.70	828.00				
				Sch 40	0.375	9.53	684.00				
				XS 40	0.500	12.70	912.00				
44	44.000	1107.6	A=1676.4 B=695.3	Sch 40	0.375	9.53	684.00				
				XS 40	0.500	12.70	912.00				
				Sch 40	0.375	9.53	748.00				
				XS 80	0.500	12.70	997.00				
46	46.000	1168.4	A=1752.6 B=717.1	Sch 40	0.375	9.53	748.00				
				XS 80	0.500	12.70	997.00				
				Sch 40	0.375	9.53	814.00				
				XS 80	0.500	12.70	1055.00				
48	48.000	1219.2	A=1828.8 B=756.8	Sch 40	0.375	9.53	814.00				
				XS 80	0.500	12.70	1055.00				
				Sch 40	0.375	9.53	814.00				
				XS 80	0.500	12.70	1055.00				

三通
规格 重量



Seamless Welding
Straight and Reducing Outlet Tees
ASME/ANSI B16.9

Nominal Pipe Size (NPS) 公称直径 英寸	Wall Thickness-Approx.Weight 壁 厚															
	XS		Sch.80		Sch.100		Sch.120		Sch.140		Sch.160		XXS			
	t ₁ mm	Kg	t ₁ mm	Kg	t ₁ mm	Kg	t ₁ mm	Kg	t ₁ mm	Kg	t ₁ mm	Kg	t ₁ mm	Kg		
1.1/2 x 1.1/2	5.08	5.08	5.08	5.08	5.08	5.08	-	-	-	-	7.14	7.14	1.54	10.15	13.15	1.32
2 x 3/4	5.54	3.91	1.85	5.54	3.91	1.85	-	-	-	-	8.74	5.56	2.73	11.07	7.82	3.44
x 1	-	4.55	1.85	-	4.55	1.85	-	-	-	-	6.35	2.73	-	9.09	3.44	-
x 1 1/4	-	4.85	1.85	-	4.85	1.85	-	-	-	-	6.35	2.73	-	9.70	3.44	-
x 1 1/2	-	5.08	1.85	-	5.08	1.85	-	-	-	-	7.14	2.73	-	13.15	3.44	-
x 2	-	5.54	1.85	-	5.54	1.85	-	-	-	-	8.74	2.73	-	11.07	3.44	-
2 1/2 x 1 1/2	7.01	4.55	2.54	7.01	4.55	2.54	-	-	-	-	9.53	6.35	3.08	14.02	9.09	3.44
x 1 1/4	-	4.85	2.54	-	4.85	2.54	-	-	-	-	6.35	3.08	-	9.70	3.57	-
x 1 1/2	-	5.08	2.54	-	5.08	2.54	-	-	-	-	7.14	3.08	-	10.15	3.61	-
x 2	-	5.54	2.54	-	5.54	2.54	-	-	-	-	8.74	3.08	-	11.07	3.61	-
x 2 1/2	-	7.01	2.54	-	7.01	2.54	-	-	-	-	9.53	3.08	-	14.02	3.61	-
x 1 1/4 x 1 1/2	7.62	4.85	3.69	7.62	4.85	3.69	-	-	-	-	11.13	6.35	4.06	15.24	9.70	3.58
x 1 1/2	-	5.08	3.69	-	5.08	3.69	-	-	-	-	7.14	4.06	-	10.15	3.62	-
x 2	-	5.54	3.69	-	5.54	3.69	-	-	-	-	8.74	5.03	-	11.07	3.62	-
x 2 1/2	-	7.01	3.69	-	7.01	3.69	-	-	-	-	9.53	5.29	-	14.02	3.62	-
x 3	-	7.62	3.69	-	7.62	3.69	-	-	-	-	11.13	5.55	-	15.24	6.11	-
3 x 1 1/2	8.56	5.08	5.58	8.56	5.08	5.58	-	-	-	-	13.49	7.14	9.29	17.12	10.15	12.47
x 2	-	5.54	5.58	-	5.54	5.58	-	-	-	-	8.74	9.29	-	11.07	12.47	-
x 2 1/2	-	7.01	5.58	-	7.01	5.58	-	-	-	-	9.53	9.29	-	14.02	12.47	-
x 3	-	7.62	5.58	-	7.62	5.58	-	-	-	-	11.13	9.55	-	15.24	12.47	-
x 4	-	8.56	5.58	-	8.56	5.58	-	-	-	-	13.49	10.15	-	17.12	12.90	-
5 x 2	9.53	5.54	11.61	9.53	5.54	11.61	-	-	-	-	15.88	8.74	19.78	19.05	11.07	23.29
x 2 1/2	-	7.01	11.61	-	7.01	11.61	-	-	-	-	9.53	19.78	-	14.02	23.29	-
x 3	-	7.62	11.61	-	7.62	11.61	-	-	-	-	11.13	19.78	-	15.24	23.29	-
x 4	-	8.56	11.61	-	8.56	11.61	-	-	-	-	13.49	19.78	-	17.12	24.77	-
x 5	-	9.53	11.61	-	9.53	11.61	-	-	-	-	15.88	19.78	-	19.05	25.71	-
6 x 4 1/2	10.97	7.01	16.60	10.97	7.01	16.60	-	-	-	-	18.26	9.53	26.57	21.95	14.02	29.93
x 3	-	7.62	16.60	-	7.62	16.60	-	-	-	-	11.13	26.57	-	15.24	29.93	-
x 4	-	8.56	16.60	-	8.56	16.60	-	-	-	-	13.49	28.12	-	17.12	29.93	-
x 5	-	9.53	16.60	-	9.53	16.60	-	-	-	-	15.88	28.12	-	19.05	30.62	-
x 6	-	10.97	16.60	-	10.97	16.60	-	-	-	-	18.26	33.97	-	21.95	30.62	-
8 x 4	12.70	11.56	29.84	12.70	8.56	29.84	-	-	-	-	21.01	13.49	43.86	22.23	17.12	43.34
x 5	-	9.53	29.84	-	9.53	29.84	-	-	-	-	15.88	43.86	-	19.05	43.34	-
x 6	-	10.97	29.84	-	10.97	29.84	-	-	-	-	18.26	47.80	-	21.95	44.12	-
x 8	-	12.70	29.84	-	12.70	29.84	15.09	15.09	43.50	-	18.26	12.14	20.62	20.62	54.00	-
10 x 4	12.70	8.56	46.01	12.70	8.56	51.34	-	-	-	-	21.01	13.49	73.10	25.40	17.12	66.20
x 5	-	9.53	46.01	-	9.53	51.34	-	-	-	-	15.88	78.52	-	19.05	66.20	-
x 6	-	10.97	46.01	-	10.97	51.34	-	-	-	-	18.26	87.90	-	21.95	78.17	-
x 8	-	12.70	50.27	-	12.70	56.59	18.26	15.09	63.21	-	18.26	76.11	25.40	20.62	81.70	-
x 10	-	12.70	50.27	-	12.70	56.59	18.26	15.09	63.64	-	21.44	79.98	25.40	24.77	-	-
12 x 6	12.70	9.53	64.33	12.70	9.53	73.44	-	-	-	-	25.40	12.70	96.24	-	25.40	84.71
x 6	-	10.97	64.33	-	10.97	73.44	-	-	-	-	33.32	15.88	120.66	25.40	18.05	102.77
x 8	-	12.70	64.33	-	12.70	73.44	21.44	15.09	96.75	-	18.26	112.83	28.58	20.62	12.04	-
x 10	-	12.70	67.06	-	12.70	91.33	18.26	15.09	107.41	-	21.44	121.17	25.40	133.88	28.58	140.61
x 12	-	12.70	87.06	-	12.70	116.90	21.44	11.13	137.33	-	25.40	129.00	28.58	151.79	33.32	158.07
14 x 8	12.70	10.97	89.27	12.70	10.97	122.00	-	-	-	-	27.95	14.27	126.30	-	35.71	215.00
x 8	-	12.70	89.27	-	12.70	122.00	23.83	15.09	167.70	-	18.26	189.20	34.75	20.62	181.80	-
x 10	-	12.70	89.27	-	12.70	122.00	23.83	15.09	167.70	-	21.44	189.20	34.75	20.62	181.80	-
x 12	-	12.70	93.65	-	12.70	139.58	21.00	17.12	187.96	-	25.40	202.10	28.58	213.30	33.32	232.20
x 14	-	12.70	93.65	-	12.70	139.58	23.83	17.12	187.96	-	27.95	202.10	31.75	213.30	35.71	232.20
16 x 6	12.70	10.97	119.23	12.70	10.97	146.96	-	-	-	-	30.96	14.27	227.50	-	40.49	286.275.20
x 6	-	12.70	119.23	-	12.70	146.96	-	-	-	-	18.26	227.50	36.53	20.62	253.70	-
x 8	-	12.70	119.23	-	12.70	146.96	15.09	19.05	197.63	-	18.26	227.50	36.53	20.62	253.70	-
x 10	-	12.70	119.23	-	12.70	146.96	15.09	19.05	197.63	-	21.44	240.60	25.40	224.00	28.58	283.80
x 12	-	12.70	119.23	-	12.70	146.96	15.09	19.05	197.63	-	25.40	229.05	28.58	229.05	33.32	290.40
x 14	-	12.70	119.23	-	12.70	146.96	15.09	19.05	197.63	-	27.95	253.70	31.75	250.40	35.71	300.60
x 16	-	12.70	119.23	-	12.70	146.96	15.09	19.05	197.63	-	30.96	253.70	35.71	250.40	38.10	300.60
18 x 12	12.70	12.70	124.80	23.83	12.70	200.40	21.44	34.90	250.40	-	28.58	44.45	33.32	441.60	-	-
x 14	-	12.70	127.20	-	12.70	207.60	20.36	23.83	-	-	27.95	-	31.75	44.45	35.71	450.00
x 16	-	12.70	129.60	-	12.70	213.60	20.36	23.83	-	-	30.96	-	35.71	44.45	38.10	450.00
x 18	-	12.70	130.20	-	12.70	200.40	20.36	23.83	-	-	34.93	-	39.67	-	45.04	564.00

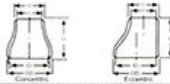
异径管
规格 重量



Seamless Welding Reducers
ASME/ANSI B16.9

Nominal Pipe Size (NPS) 公称直径 英寸	Dimensions			Wall Thickness-Approx.Weight 壁 厚															
	Outside Diameter at Bevel D ₁ /O ₁		End to End	Sch.20			Sch.30			STD			Sch.40			Sch.60			
	D ₁ mm	D ₂ mm	H mm	t ₁ mm	t ₂ mm	Kg	t ₁ mm	t ₂ mm	Kg	t ₁ mm	t ₂ mm	Kg	t ₁ mm	t ₂ mm	Kg	t ₁ mm	t ₂ mm	Kg	
1 - 3/4	33.4	26.7	50.8	-	-	-	-	-	-	-	-	-	3.38	2.87	0.14	3.38	2.87	0.14	-
1 1/2 x 1 1/4	48.3	26.7	63.5	-	-	-	-	-	-	-	-	-	3.68	2.87	0.22	3.68	2.87	0.22	-
x 1	-	33.4	63.5	-	-	-	-	-	-	-	-	-	3.38	0.24	-	3.38	0.24	-	-
x 1 1/4	-	42.2	63.5	-	-	-	-	-	-	-	-	-	3.56	0.26	-	3.56	0.26	-	-
2 x 1	60.3	33.4	76.2	-	-	-	-	-	-	-	-	-	3.91	3.38	0.37	3.91	3.38	0.37	-
x 1 1/4	-	42.2	76.2	-	-	-	-	-	-	-	-	-	3.56	0.39	-	3.56	0.39	-	-
x 1 1/2	-	48.3	76.2	-	-	-	-	-	-	-	-	-	3.68	0.41	-	3.68	0.41	-	-
2 1/2 x 1 1/4	73.0	42.2	88.9	-	-	-	-	-	-	-	-	-	5.16	3.56	0.67	5.16	3.56	0.67	-
x 1 1/2	-	48.3	88.9	-	-	-	-	-	-	-	-	-	3.68	0.68	-	3.68	0.68	-	-
x 2	-	60.3	88.9	-	-	-	-	-	-	-	-	-	3.91	0.73	-	3.91	0.73	-	-
3 x 1 1/2	88.9	48.3	88.9	-	-	-	-	-	-	-	-	-	5.49	3.68	0.86	5.49	3.68	0.86	-
x 2	-	60.3	88.9	-	-	-	-	-	-	-	-	-	3.91	0.91	-	3.91	0.91	-	-
x 2 1/2	-	73.0	88.9	-	-	-	-	-	-	-	-	-	5.16	0.98	-	5.16	0.98	-	-
4 x 2	114.3	60.3	101.6	-	-	-	-	-	-	-	-	-	6.02	3.91	1.44	6.02	3.91	1.44	-
x 2 1/2	-	73.0	101.6	-	-	-	-	-	-	-	-	-	5.16	1.52	-	5.16	1.52	-	-
x 3	-	88.9	101.6	-	-	-	-	-	-	-	-	-	5.49	1.59	-	5.49	1.59	-	-
5 x 2 1/2	141.3	73.0	127.0	-	-	-	-	-	-	-	-	-	6.55	5.16	2.51	6.55	5.16	2.51	-
x 3	-	88.9	127.0	-															

异径管
规格 重量



Seamless Welding Reducers
ASME/ANSI B16.9

Nominal Pipe Size (NPS) 公称通径 英寸	Wall Thickness - Approx. Weight 壁 厚																			
	XS		Sch 80		Sch 100		Sch 120		Sch 140		Sch 160		XXS		Approx weight 重量 kg					
	L mm	Hg mm	L mm	Hg mm	L mm	Hg mm	L mm	Hg mm	L mm	Hg mm	L mm	Hg mm	L mm	Hg mm						
1-3/4	4.55	3.91	0.17	4.55	3.91	0.17	-	-	-	-	-	-	6.35	5.66	0.22	-	-			
1 1/2 x 3/4	5.08	3.91	0.27	5.08	3.91	0.27	-	-	-	-	-	-	7.14	5.66	0.51	10.15	7.82	0.67		
-1	4.55	0.31	-	4.55	0.31	-	-	-	-	-	-	-	6.35	0.55	-	9.09	0.73	-		
-1 1/4	4.85	0.33	-	4.85	0.33	-	-	-	-	-	-	-	6.34	0.60	-	9.70	0.79	-		
2-1	5.54	4.55	0.45	5.54	4.55	0.45	-	-	-	-	-	-	8.74	6.35	0.94	11.07	9.09	1.14		
-1 1/4	4.85	0.53	-	4.85	0.53	-	-	-	-	-	-	-	6.35	0.99	-	9.70	1.20	-		
-1/2	5.08	0.54	-	5.08	0.54	-	-	-	-	-	-	-	7.14	1.04	-	10.15	1.26	-		
2 1/2 x 1 1/4	7.01	4.85	0.79	7.01	4.85	0.79	-	-	-	-	-	-	9.53	6.35	1.52	14.02	9.70	2.07		
-1 1/2	5.08	0.86	-	5.08	0.86	-	-	-	-	-	-	-	7.14	1.53	-	10.15	2.10	-		
<2	5.54	0.94	-	5.54	0.94	-	-	-	-	-	-	-	8.74	1.65	-	11.07	2.25	-		
3-1 1/2	7.62	5.08	1.04	7.62	5.08	1.04	-	-	-	-	-	-	11.13	7.14	2.12	15.24	10.15	2.76		
<2	5.54	1.18	-	5.54	1.18	-	-	-	-	-	-	-	8.74	2.23	-	11.07	2.90	-		
<2 1/2	7.01	1.29	-	7.01	1.29	-	-	-	-	-	-	-	9.53	2.40	-	14.02	3.12	-		
4-2	8.56	5.54	1.78	8.56	5.54	1.78	-	-	-	-	-	-	13.49	8.74	3.97	17.12	11.07	4.85		
<2 1/2	7.01	2.01	-	7.01	2.01	-	-	-	-	-	-	-	9.53	4.21	-	14.02	5.14	-		
<3	7.62	2.13	-	7.62	2.13	-	-	-	-	-	-	-	11.13	4.38	-	15.24	5.35	-		
5-2 1/2	9.53	7.01	3.30	9.53	7.01	3.30	-	-	-	-	-	-	15.88	9.53	6.68	19.05	14.02	8.02		
<3	7.62	3.55	-	7.62	3.55	-	-	-	-	-	-	-	11.13	7.10	-	15.24	8.31	-		
<4	8.56	3.78	-	8.56	3.78	-	-	12.70	11.13	6.09	-	-	13.49	7.14	-	17.12	8.62	-		
6-3	10.97	7.62	5.04	10.97	7.62	5.04	-	-	-	-	-	-	18.26	11.13	9.93	21.95	15.24	11.60		
<4	8.56	5.45	-	8.56	5.45	-	-	14.27	11.13	8.20	-	-	13.49	10.22	-	17.12	12.00	-		
<5	9.53	5.72	-	9.53	5.72	-	-	-	-	-	-	-	15.88	10.78	-	19.05	12.60	-		
8-4	12.70	8.56	8.44	12.70	8.56	8.44	-	-	18.26	11.13	14.00	-	23.01	13.49	17.30	22.23	17.12	16.70		
<5	9.53	8.85	-	9.53	8.85	-	-	12.70	14.80	-	-	-	15.88	17.80	-	19.05	17.20	-		
<6	10.97	9.26	-	10.97	9.26	-	-	14.27	15.00	-	-	-	18.26	18.40	-	21.95	17.90	-		
10-5	12.70	9.53	13.00	15.09	9.53	17.60	-	-	21.44	12.70	24.40	-	28.58	15.88	31.60	25.40	19.05	28.40		
<6	10.97	13.50	-	10.97	17.00	-	-	14.27	24.00	-	-	-	18.26	32.20	-	21.95	29.00	-		
<8	12.70	14.20	-	12.70	18.10	18.26	15.00	21.70	-	-	-	-	18.26	25.10	25.40	20.62	29.30	-		
12-6	12.70	10.97	18.40	17.48	10.97	27.30	-	-	25.40	14.27	38.70	-	33.32	18.26	49.40	25.40	21.95	38.70		
<8	12.70	19.10	-	12.70	28.40	21.44	15.00	34.40	-	-	-	-	23.01	51.40	-	22.23	40.20	-		
<10	12.70	19.80	-	15.09	29.50	18.26	35.70	-	-	-	-	-	28.58	53.30	-	25.40	41.70	-		
14-8	12.70	12.70	34.90	19.05	12.70	53.20	23.83	15.00	66.30	27.79	18.26	76.30	31.75	20.62	86.70	35.71	23.01	95.70	35.71	-
<10	12.70	36.10	-	15.09	56.30	18.26	69.50	-	-	21.44	80.10	-	25.40	80.40	-	28.58	100.00	-	-	
<12	12.70	37.70	-	17.48	59.50	21.44	73.30	-	-	25.40	84.50	-	28.58	95.40	-	33.32	100.00	-	-	
16-8	12.70	12.70	42.60	21.44	12.70	72.40	26.19	15.09	87.20	30.96	18.26	101.80	36.53	20.62	118.60	40.49	23.01	130.90	40.49	-
<10	12.70	43.70	-	15.09	75.30	18.26	90.60	-	-	21.44	105.80	-	25.40	123.30	-	28.58	130.00	-	-	
<12	12.70	45.00	-	17.48	78.20	21.44	94.10	-	-	25.40	109.00	-	28.58	128.10	-	33.32	140.00	-	-	
<14	12.70	46.30	-	19.05	79.20	23.83	95.90	-	-	27.79	111.90	-	31.75	130.50	-	35.71	140.70	-	-	
18-12	12.70	12.70	44.0	23.83	17.48	83.0	29.36	21.44	-	34.93	25.40	-	39.67	28.58	-	45.23	33.32	-	-	
<14	12.70	47.4	-	19.05	86.4	23.83	-	34.93	27.79	-	-	-	31.75	-	-	35.71	-	-	-	
<16	12.70	50.1	-	21.44	91.4	26.19	-	30.96	-	-	-	-	36.53	-	-	40.49	-	-	-	
20-14	12.70	12.70	67.4	26.19	19.05	136.0	32.40	23.83	-	38.10	27.79	-	44.45	31.75	-	50.01	35.71	-	-	
<16	12.70	71.1	-	26.19	142.0	26.19	-	30.96	-	-	-	-	36.53	-	-	40.41	-	-	-	
<18	12.70	74.9	-	23.83	150.0	29.36	-	34.93	-	-	-	-	39.67	-	-	45.23	-	-	-	
22-16	12.70	12.70	74.8	28.58	21.44	164.0	34.93	26.19	-	41.28	30.96	-	47.63	36.53	-	53.98	40.49	-	-	
<18	12.70	78.9	-	23.83	172.0	29.36	-	34.93	-	-	-	-	39.67	-	-	45.23	-	-	-	
<20	12.70	82.9	-	26.19	181.0	32.54	-	38.10	-	-	-	-	44.45	-	-	50.01	-	-	-	
24-18	12.70	12.70	83.8	30.96	23.83	197.0	38.89	29.36	-	46.02	34.93	-	52.37	39.67	-	59.54	45.23	-	-	
<20	12.70	87.3	-	26.19	205.0	32.54	-	38.10	-	-	-	-	44.45	-	-	50.01	-	-	-	
<22	12.70	91.0	-	28.58	215.0	34.93	-	41.28	-	-	-	-	47.63	-	-	53.98	-	-	-	

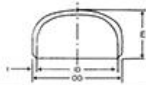
管帽
规格 重量



Caps
ASME/ANSI B16.9
MSS SP-43

Nominal Pipe Size 公称通径 英寸	Dimensions					Wall Thickness 壁 厚			Approx weight 重量 kg
	Outside Diameter at Bevel D 外径		Length: E 高度 E	限制 厚度 mm	限制 高度 E, mm	Sch. NO.	t		
	inch 英寸	mm	mm	mm	inch 英寸		mm		
1/2	0.840	21.34	25.4	4.57	25.4	SS 105 STD40 40S XS/80 80S 160 XXS	0.065 0.083 0.109 0.147 0.188 0.294	1.65 2.11 2.77 3.73 4.78 7.47	0.030 0.032 0.040 0.060
3/4	1.050	26.67	25.4	3.81	25.4	SS 105 STD40 40S XS/80 80S 160 XXS	0.065 0.083 0.133 0.154 0.219 0.308	1.65 2.11 3.38 3.91 5.56 7.82	0.040 0.040 0.050 0.070
1	1.315	33.40	25.4	4.57	38.1	SS 105 STD40 40S XS/80 80S 160 XXS	0.065 0.109 0.133 0.179 0.250 0.358	1.65 2.77 3.38 4.55 6.35 9.09	0.053 0.090 0.110 0.150
1 1/4	1.660	42.20	38.1	4.83	38.1	SS 105 STD40 40S XS/80 80S 160 XXS	0.065 0.109 0.140 0.191 0.290 0.382	1.65 2.77 3.56 4.85 6.35 9.70	0.066 0.110 0.140 0.200
1 1/2	1.900	48.30	38.1	5.08	38.1	SS 105 STD40 40S XS/80 80S 160 XXS	0.065 0.109 0.145 0.200 0.281 0.400	1.65 2.77 3.68 5.08 7.14 10.16	0.076 0.140 0.170 0.240 0.350 0.500
2	2.375	60.30	38.1	5.59	44.5	SS 105 STD40 40S XS/80 80S 160 XXS	0.065 0.109 0.154 0.218 0.344 0.436	1.65 2.77 3.91 5.54 8.74 11.07	0.099 0.150 0.240 0.330 0.540 0.680
2 1/2	2.870	73.00	38.1	7.11	50.8	SS 105 STD40 40S XS/80 80S 160 XXS	0.083 0.120 0.203 0.276 0.375 0.552	2.11 3.05 5.16 7.01 9.53 14.62	0.169 0.240 0.420 0.570 0.770 1.130
3	3.500	88.90	50.8	7.62	63.5	SS 105 STD40 40S XS/80 80S 160 XXS	0.083 0.120 0.216 0.300 0.438 0.600	2.11 3.05 5.49 7.62 11.25 15.24	0.253 0.400 0.670 0.920 1.400 1.920
4	4.500	114.30	63.5	8.64	76.2	SS 105 STD40 40S XS/80 80S 120 160 XXS	0.083 0.120 0.220 0.387 0.438 0.674	2.11 3.05 6.02 6.56 11.13 13.49	0.409 0.580 1.170 1.680 2.760 3.510
5	5.563	141.30	76.2	9.65	88.9	SS 105 STD40 40S XS/80 80S 120 160 XXS	0.109 0.134 0.256 0.427 0.500 0.625	2.77 3.40 6.55 6.02 12.70 15.88	0.805 1.000 1.500 2.730 4.850 5.820
6	6.625	168.30	88.9	10.92	101.6	SS 105 STD40 40S XS/80 80S 120 160 XXS	0.109 0.134 0.432 0.562 0.719 0.864	2.77 3.40 10.97 14.27 18.26 21.95	1.110 1.600 4.380 7.810 9.380

管帽
规格 重量



Caps
ASME/ANSI B16.9
MSS SP-43

Nominal Pipe Size 公称通径 inch 英寸	Dimensions					Wall Thickness t 壁 厚			Approx Weight 重 量 kg
	Outside Diameter at Bevel D 外 径		Length: E 高度 E	限制 厚度	高度 E:	Sch.NO.	t		
	inch 英寸	mm	mm	mm	mm		inch 英寸	mm	
8	8.625	219.1	101.6	12.7	127.0	5S	0.109	2.77	1.74
						10S	0.148	3.76	2.52
						STD/40 40S	0.322	8.18	5.11
						X580 80S	0.500	12.70	7.91
						20	0.250	6.35	
						60	0.406	10.31	
						100	0.594	15.09	
						120	0.719	18.26	
						140	0.812	20.62	
						160	0.906	23.01	15.22
						XKS	0.875	22.13	14.70
						10	10.75	273	127.0
10S	0.165	4.193	4.92						
80/80S 60	0.500	12.70	16.40						
STD/40 40S	0.365	9.271	8.92						
X5	0.594	15.09	12.20						
20	0.250	6.35							
100	0.719	18.26							
120	0.844	21.44							
140	1.000	25.40	25.70						
160	1.125	28.58	28.92						
XKS	1.125	28.58	28.92						
12	12.750	323.9	152.4	12.7	177.8				
						10S	0.180	4.572	6.50
						STD/40S	0.375	9.53	13.10
						X5/80S	0.500	12.70	17.40
						20	0.250	6.35	
						40	0.406	10.31	14.00
						80	0.688	14.27	26.40
						100	0.844	17.48	
						120	1.000	21.44	
						140	1.125	28.58	36.40
						160	1.312	33.32	47.70
						14	14.000	355.6	165.1
10S	0.168	4.28							
STD	0.375	9.53	15.90						
20	0.312	7.92							
40	0.438	11.13	18.60						
X5	0.500	12.70	21.20						
60	0.594	15.09							
80	0.750	19.05	34.90						
100	0.938	23.825							
120	1.094	27.79							
140	1.250	31.75							
160	1.406	35.71	61.20						
16	16.000	406.4	177.8	12.7	203.2	5S	0.165	4.19	
						10S	0.188	4.78	
						STD	0.375	9.53	20.00
						X5/40	0.500	12.70	26.70
						20	0.312	7.92	
						60	0.556	16.66	
						80	0.844	21.44	49.00
						100	1.031	26.19	
						120	1.219	30.96	
						140	1.438	36.53	
						160	1.594	40.38	130.00
						18	18.000	457.0	203.2
10S	0.188	4.78							
STD	0.375	9.53	25.60						
X5	0.500	12.70	34.10						
20	0.312	7.92							
40	0.562	14.27							
60	0.750	19.05							
80	0.938	23.83							
100	1.156	29.36							
120	1.375	34.93							
140	1.562	39.67							
160	1.751	45.24							

管帽
规格 重量



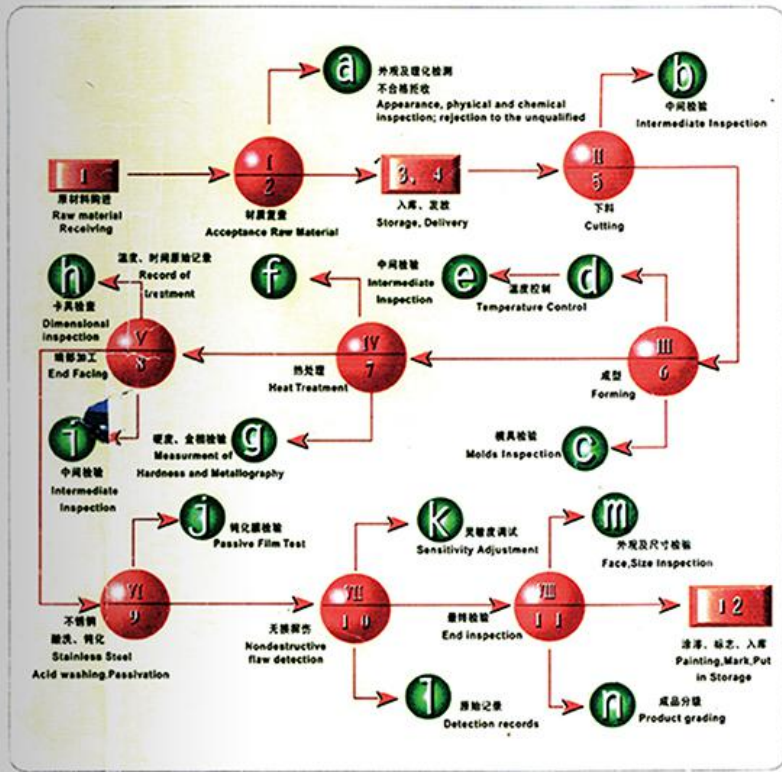
Caps
ASME/ANSI B16.9
MSS SP-43

Nominal Pipe Size 公称通径 inch 英寸	Dimensions					Wall Thickness t 壁 厚			Approx weight 重 量 kg						
	Outside Diameter at Bevel D 外 径		Length: E 高度 E	限制 厚度	高度 E:	Sch.NO.	t								
	inch 英寸	mm	mm	mm	mm		inch 英寸	mm							
20	20.000	508.0	228.6	12.7	254.0	5S	0.168	4.27							
						10S	0.218	5.54							
						STD/20	0.375	9.53	31.90						
						X5	0.500	12.70	42.50						
						40	0.594	15.09	54.10						
						60	0.812	20.62							
						80	1.031	26.19	93.70						
						100	1.281	32.54							
						120	1.500	38.10							
						140	1.750	44.45							
						160	1.969	50.01	179.00						
						22	22.000	559.0	254.0	12.7	254.0	5S	0.188	4.78	
10S	0.218	5.54													
STD 20	0.375	9.53	38.80												
X5	0.500	12.70	51.70												
60	0.875	22.23													
80	1.125	28.58	116.00												
100	1.375	34.93													
120	1.625	41.28													
140	1.875	47.63													
160	2.125	53.98	219.00												
24	24.000	610.0	266.7	12.7	304.8							5S	0.218	5.54	
												10S	0.250	6.34	
						SDP/20	0.375	9.53	45.10						
						X5	0.500	12.70	60.10						
						40	0.688	17.48	90.10						
						60	0.969	24.61							
						80	1.219	30.96	169.00						
						100	1.531	38.89							
						120	1.812	46.02							
						140	2.062	52.37							
						160	2.344	59.54	307.00						
						26	26.000	660.0	266.7	-	-	STD	0.375	9.53	50.50
						X5	0.500	12.70	67.30						
28	28.000	711.0	266.7	-	-	STD	0.375	9.53	56.20						
						X5	0.500	12.70	74.90						
30	30.000	762.0	266.7	-	-	5S	0.250	6.35							
						10S	0.312	7.92							
						STD	0.375	9.53	62.10						
						X5	0.500	12.70	82.80						
32	32.000	813.0	266.7	-	-	STD	0.375	9.53	68.40						
						40	0.688	17.48	126.00						
						X5	0.500	12.7	91.20						
34	34.000	864.0	266.7	-	-	STD	0.375	9.53	75.00						
						X5	0.500	12.70	100.00						
						40	0.688	17.48	138.00						
36	36.000	914.0	266.7	-	-	STD	0.375	9.53	81.90						
						X5	0.500	12.70	109.00						
						40	0.750	19.05	164.00						
38	38.000	965.2	304.8	-	-	STD	0.375	9.53	94.70						
						X5	0.500	12.70	126.00						
40	40.000	1016.0	304.8	-	-	STD	0.375	9.53	102.00						
						X5	0.500	12.70	137.00						
42	42.000	1066.8	304.8	-	-	STD	0.375	9.53	110.00						
						X5	0.500	12.70	147.00						
44	44.000	1117.6	342.9	-	-	STD	0.375	9.53	126.00						
						X5	0.500	12.70	167.00						
46	46.000	1168.4	342.9	-	-	STD	0.375	9.53	134.00						
						X5	0.500	12.70	179.00						
48	48.000	1219.2	342.9	-	-	STD	0.375	9.53	143.00						
						X5	0.500	12.70	191.00						

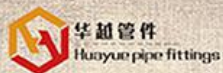
NOMINAL PIPE SIZE	OUTSIDE DIAMETER				NOMINAL WALL THICKNESS												NOMINAL PIPE SIZE	
	ASME	JIS	DN	JIS/DIN	SCH10	SCH20	STD	SCH40	SCH40	XS	SCH80	SCH100	SCH100	SCH160	SCH160	XXS		A
15	19.2	21.3	21.7	21.3	2.8	2.0	2.11	2.41	2.77	2.97	3.91	3.73	3.73	4.78	7.62	7.62	15	19.2
20	38.4	38.2	37.2	35.9	2.8	2.3	2.11	2.41	2.87	2.87	3.91	3.91	3.91	5.96	7.62	20	38.4	
25	51.4	50.4	49.0	47.7	3.2	2.6	2.77	2.90	3.38	3.38	4.55	4.55	4.55	6.35	9.09	25	51.4	
30	63.5	63.5	62.5	61.2	3.5	2.9	2.77	2.97	3.56	3.56	5.08	5.08	5.08	7.14	9.15	40	102.0	
40	102.0	102.0	101.0	99.7	4.5	3.8	2.77	3.19	3.91	3.91	5.54	5.54	5.54	8.74	11.07	50	102.0	
50	152.0	152.0	151.0	149.7	5.5	4.5	3.05	3.78	5.16	5.16	7.01	7.01	7.01	9.53	14.02	65	152.0	
60	192.0	192.0	191.0	189.7	6.5	5.3	3.05	4.78	5.74	5.74	8.08	8.08	8.08	11.13	15.24	80	192.0	
80	273.0	273.0	272.0	270.7	8.0	6.5	3.05	5.54	6.60	6.60	9.53	9.53	9.53	13.49	17.12	100	273.0	
100	354.0	354.0	353.0	351.7	10.0	8.0	3.60	6.35	7.62	7.62	11.13	11.13	11.13	15.88	19.05	125	354.0	
125	426.0	426.0	425.0	423.7	12.5	10.0	4.5	7.11	8.53	8.53	13.49	13.49	13.49	19.05	25.4	150	426.0	
150	508.0	508.0	507.0	505.7	15.0	12.5	5.0	8.18	9.78	9.78	15.24	15.24	15.24	21.91	28.28	200	508.0	
200	762.0	762.0	761.0	759.7	20.0	16.0	6.35	10.67	12.70	12.70	19.05	19.05	19.05	25.4	33.0	250	762.0	
250	1016.0	1016.0	1015.0	1013.7	25.0	20.0	7.62	12.70	15.24	15.24	22.91	22.91	22.91	30.5	38.1	300	1016.0	
300	1270.0	1270.0	1269.0	1267.7	30.0	25.0	8.91	14.63	17.19	17.19	25.4	25.4	25.4	35.7	44.1	350	1270.0	
350	1524.0	1524.0	1523.0	1521.7	35.0	30.0	10.16	16.51	19.17	19.17	28.28	28.28	28.28	40.6	50.8	400	1524.0	
400	1778.0	1778.0	1777.0	1775.7	40.0	35.0	11.43	18.27	21.08	21.08	31.75	31.75	31.75	45.7	56.4	450	1778.0	
450	2032.0	2032.0	2031.0	2029.7	45.0	40.0	12.70	20.0	22.91	22.91	33.81	33.81	33.81	48.8	60.3	500	2032.0	
500	2286.0	2286.0	2285.0	2283.7	50.0	45.0	14.0	21.83	24.63	24.63	35.7	35.7	35.7	51.8	64.3	550	2286.0	
550	2540.0	2540.0	2539.0	2537.7	55.0	50.0	15.24	23.65	26.67	26.67	37.62	37.62	37.62	54.8	68.3	600	2540.0	
600	2794.0	2794.0	2793.0	2791.7	60.0	55.0	16.51	25.4	28.69	28.69	39.57	39.57	39.57	57.8	72.3	650	2794.0	
650	3048.0	3048.0	3047.0	3045.7	65.0	60.0	17.78	27.14	30.56	30.56	41.27	41.27	41.27	60.3	76.3	700	3048.0	
700	3302.0	3302.0	3301.0	3299.7	70.0	65.0	19.05	28.77	32.54	32.54	43.18	43.18	43.18	63.3	79.3	750	3302.0	
750	3556.0	3556.0	3555.0	3553.7	75.0	70.0	20.32	30.3	34.5	34.5	45.0	45.0	45.0	66.3	83.3	800	3556.0	
800	3810.0	3810.0	3809.0	3807.7	80.0	75.0	21.59	31.91	36.17	36.17	46.91	46.91	46.91	69.3	87.3	850	3810.0	
850	4064.0	4064.0	4063.0	4061.7	85.0	80.0	22.86	33.49	37.8	37.8	48.76	48.76	48.76	72.3	91.3	900	4064.0	
900	4318.0	4318.0	4317.0	4315.7	90.0	85.0	24.13	35.08	39.53	39.53	50.61	50.61	50.61	75.3	95.3	950	4318.0	
950	4572.0	4572.0	4571.0	4569.7	95.0	90.0	25.4	36.67	41.27	41.27	52.46	52.46	52.46	78.3	99.3	1000	4572.0	
1000	4826.0	4826.0	4825.0	4823.7	100.0	95.0	26.67	38.27	42.91	42.91	54.31	54.31	54.31	81.3	103.3	1050	4826.0	
1050	5080.0	5080.0	5079.0	5077.7	105.0	100.0	27.94	39.88	44.53	44.53	56.16	56.16	56.16	84.3	107.3	1100	5080.0	
1100	5334.0	5334.0	5333.0	5331.7	110.0	105.0	29.21	41.47	46.17	46.17	58.01	58.01	58.01	87.3	111.3	1150	5334.0	
1150	5588.0	5588.0	5587.0	5585.7	115.0	110.0	30.48	43.07	47.81	47.81	59.86	59.86	59.86	90.3	115.3	1200	5588.0	
1200	5842.0	5842.0	5841.0	5839.7	120.0	115.0	31.75	44.67	49.41	49.41	61.71	61.71	61.71	93.3	119.3	1250	5842.0	

NOTE 1 (THE WALL THICKNESS SPECIFIED IS GRADE B) GRADE FSGP OF JIS B2311 1991
(THE WALL THICKNESS SPECIFIED IS FOR SERIES 3 OF DIN 2605 (PART 1) 02.91)

管件生产QC流程图 Production flow chart

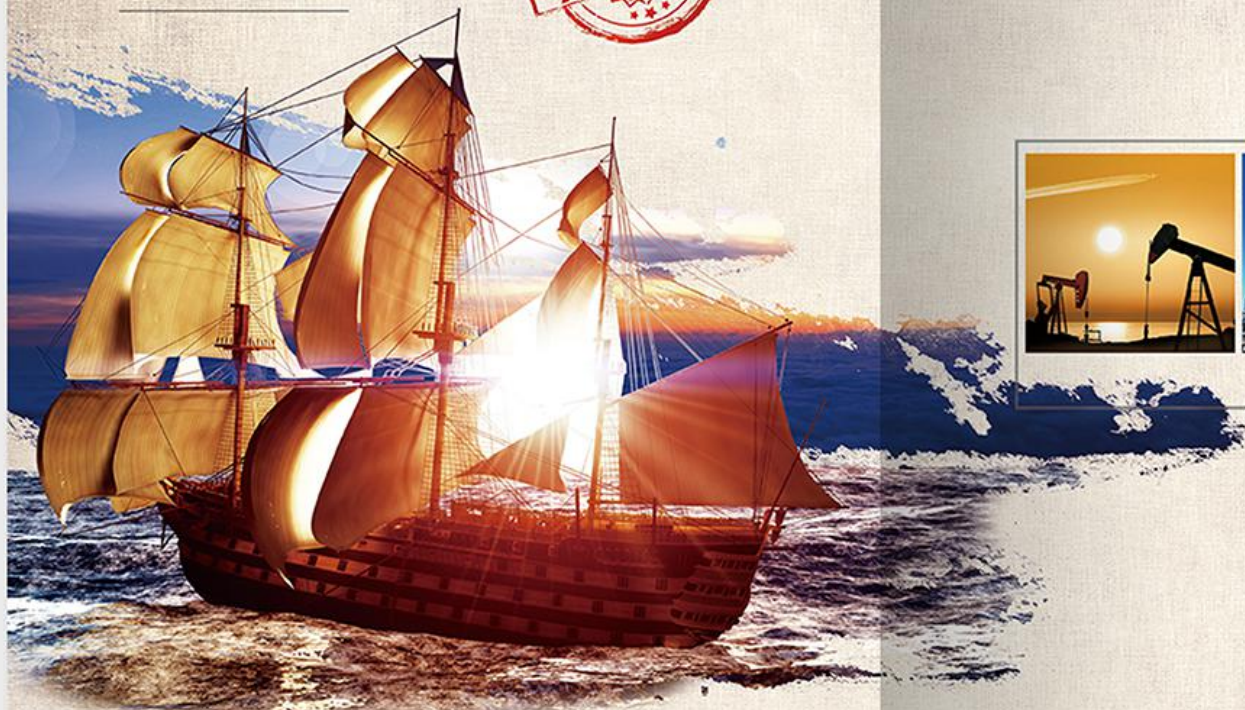


注：1~VII 为控制环节，a~n为质量控制点。



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