



沧州皓冠管业有限公司

Cangzhou Haoguan Pipe Fittings Flange Manufacturing Co.,Ltd

地址：河北省孟村县牛进庄乡路庄子工业区
电话：0086-317-6810218
传真：0086-317-6810217
联系人：田国忠
手机：13932799768
邮箱：czhaoguan@163.com, sales@czhaoguan.com
网址：www.czhaoguan.com

Address: Luzhuangzi Industrial Area, Niujin Zhuang Town,
Mengcun County, Hebei Province. China

Tel: 0086-317-6810218

Fax: 0086-317-6810217

Director: Tian Guozhong, Mobile: +86 13932799768

Sales manager: Jenny Liu, Mobile: +86 15127720688

E-mail: czhaoguan@163.com, sales@czhaoguan.com

Http: //www.czhaoguan.com



HAOGUAN GROUP
皓冠管业
PIPE•FITTINGS
FLANGES

—专业管道 管件制造商—



河北·孟村

HEBEI MENG CUN

Tel: +86 317 6810218

Email: czhaoguan@163.com

Http: //www.czhaoguan.com



BRIEF INTRODUCTION

集团简介

沧州皓冠管业有限公司是一家以管材、管件的生产、销售、出口为一体的集团化企业，旗下有两家公司，即沧州泽丰金属结构制造有限公司、沧州信通进出口贸易有限公司。基地位于“中国管件之都”——河北孟村。集团公司占地面积218000平方米，总资产3.18亿元，各种管材、管件年生产量30000吨左右。现有员工228人，其中工程师、经济师、会计师18人。公司实力雄厚，产品远销欧美、南美、东南亚、中东、俄罗斯等世界各个地区。

主要产品有碳钢、合金钢、不锈钢、铬钼钢、耐磨陶瓷的管材及相应材质的弯头、弯管、异径管、三通、四通、封头、法兰、承插件等管道系列产品。主要执行标准有：GB, HG, ANSI, API, MSS, AWWA, DIN, BS, JIS B2220, NFE, UNI。常年备有材质为Q235, S235, 20#, A234 WPB, 20G, 16Mn, 12Cr1MoV, 15CrMo, 1Cr5Mo, 1Cr9Mo, A335 P5/P9/P11/P12/P22/P91/P92, WB36, 10CrMo910, OCr18Ni9, 1Cr18Ni9, 1Cr18Ni9Ti的管材及管件，并连续多年成为中石油、中石化及电力部定点协作单位。

我公司拥有大型推制设备、大型液压设备、中频弯管设备，拥有自主产权冷挤压弯头、弯管成型设备，相关检测设备齐全。

我公司的宗旨是“以质量求生存，靠信誉求发展；质量第一、顾客至上”，竭诚欢迎广大新老客户到本公司实地考察、洽谈业务，共谋发展，共创未来。

Cangzhou Haoguan Pipe Fittings CO.,LTD is a group company specializing in production of pipe fittings and pipe sale and export of steel pipes, and it has two subordinate companies, namely Cangzhou Zefeng Rebco Steel Structure Manufacture Co., LTD, Cangzhou Xintong Import and Export Trade Co., LTD. Located in Hebei Mengcun——“Hometown of Pipe Fittings in China”, the group covers an area of 218000 square meters, with total assets of RMB318 million. Its annual production capacity of various pipe fittings is around 30000 tons. It currently has 228 employees, including 18 engineers, economists and accountants. The group has powerful strength. Its products are widely sold to many countries in Europe, America, South America, Southeast Asia, the Middle East and Russia etc.

The main product include elbows, bends, tapered pipes, Tees, crosses, end covers, flanges and socket fittings etc. with such materials as carbon steel, alloy steel, stainless steel, molybdenum steel and anti-abrasion ceramics. The main standards are GB, HG, ANSI, API, MSS, AWWA, DIN, BS, JIS B2220, NFE, UNI. all the year round with the pipe materials such as Q235, S235, 20#, A234 WPB, 20G, 16Mn, 12Cr1MoV, 15CrMo, 1Cr5Mo, 1Cr9Mo, A335 P5/P9/P11/P12/P22/P91/P92, WB36, 10CrMo910, OCr18Ni9, 1Cr18Ni9 and 1Cr18Ni9Ti ect. The group has passed the certification of the ISO9001 international quality management system in 2002 and Special equipment production license. It has become the supporting company designated by Petrochina Company Limited, China Petroleum & Chemical Corporation, Ministry of Electric Power .

The company boasts large-scale pushing machines, large hydraulic devices and medium-frequency pipe-bending machines, cold squeezing bends and bending pipe forming machine with independent property right .The company has complete inspection devices.

The principle of our company is “survival through quality and growth through reputation; quality first and customer supreme”. The new and regular customers are welcome to visit our company for business negotiation for common development and better future.

QUALIFICATION

CERTIFICATE 资质证书

梦想

永不言放弃

CORPORATE

CULTURE 企业文化

经营理念： 追求卓越无止境、与时俱进创未来！

价值理念： 追求价值是我们工作的起点，
创造价值是我们人生的动力，
实现价值是我们恒久的追求！

团队理念： 目标同向，负重领先，默契信任，风险共担。

创新理念： 持续创新 宽容失败

人才理念： 人适其位 位适其人

营销理念： 为用户创造价值，为企业赢得朋友

创业激情： 人生追求没句号、自古爱拼才会赢！

创业动力： 用爱心做事业，用感恩的心做人！

Business philosophy:

The pursuit of excellence without ending, keep pace with the times to create the future!

Value concept:

The pursuit of value is the starting point of our work. Creating value is the motive force of our life. The realization of value is our eternal pursuit!

Team concept:

The goal is the same direction, the weight lead, the tacit trust, the risk sharing.

Innovation concept:

Continuous innovation tolerance failure

Talent idea:

A person is suitable for its position.

Marketing concept:

To create value for users and to win a friend for the enterprise

Entrepreneurial passion:

The pursuit of life without a stop, from ancient love to win!

Entrepreneurial motivation:

To use love to do business, with the heart of gratitude.



PRODUCTION

EQUIPMENT

生产设备



中频推制机 Intermediate-frequency extruding machine



切割机 Cutter



高压管件坡口机
Sloping-machine of high-pressure pipe fittings



3000吨冷压三通机
Cold-pressing tee machine of 3000tons



热处理炉 Heat treatment furnace



喷砂机 Peening machine

PRODUCTION

EQUIPMENT
生产设备



法兰加工车间 Flange processing workshop



大力车 Large vertical vehicle



法兰锻制现场
Flange forging scene



法兰锻制现场
Flange forging scene



加热炉
Heating furnace



DETECTING

EQUIPMENT 检测设备

品质体现我们的尊严，出类拔萃的品质拒绝平庸。一丝不苟、千锤百炼，标准化的管理体系和系统化的质量体系，让皓冠品质在世界的每一个角落都畅通无阻。皓冠公司通过与合作者卓有成效的努力，正促使皓冠品牌成为世界上最无可挑剔的品质。

The quality embodies our dignity, perfect quality refuses indifference. We insist on strictness, repeated endeavor, standardized management system and systematic quality system. We hope that the quality of Haoguan can help smooth-expanding of our products throughout the world. Hao guan is now striving for the highest-quality in the world based on fruitful endeavors with our cooperators.



光谱分析 Spectroscopic analysis



冲击试验 Blow test



磁粉探伤 Magnetic flaw detector



测坡口角度 Measuring the bevel Angle



光谱分析 Spectroscopic analysis



测厚 Thickness measurement



拉力试验 Tensile test



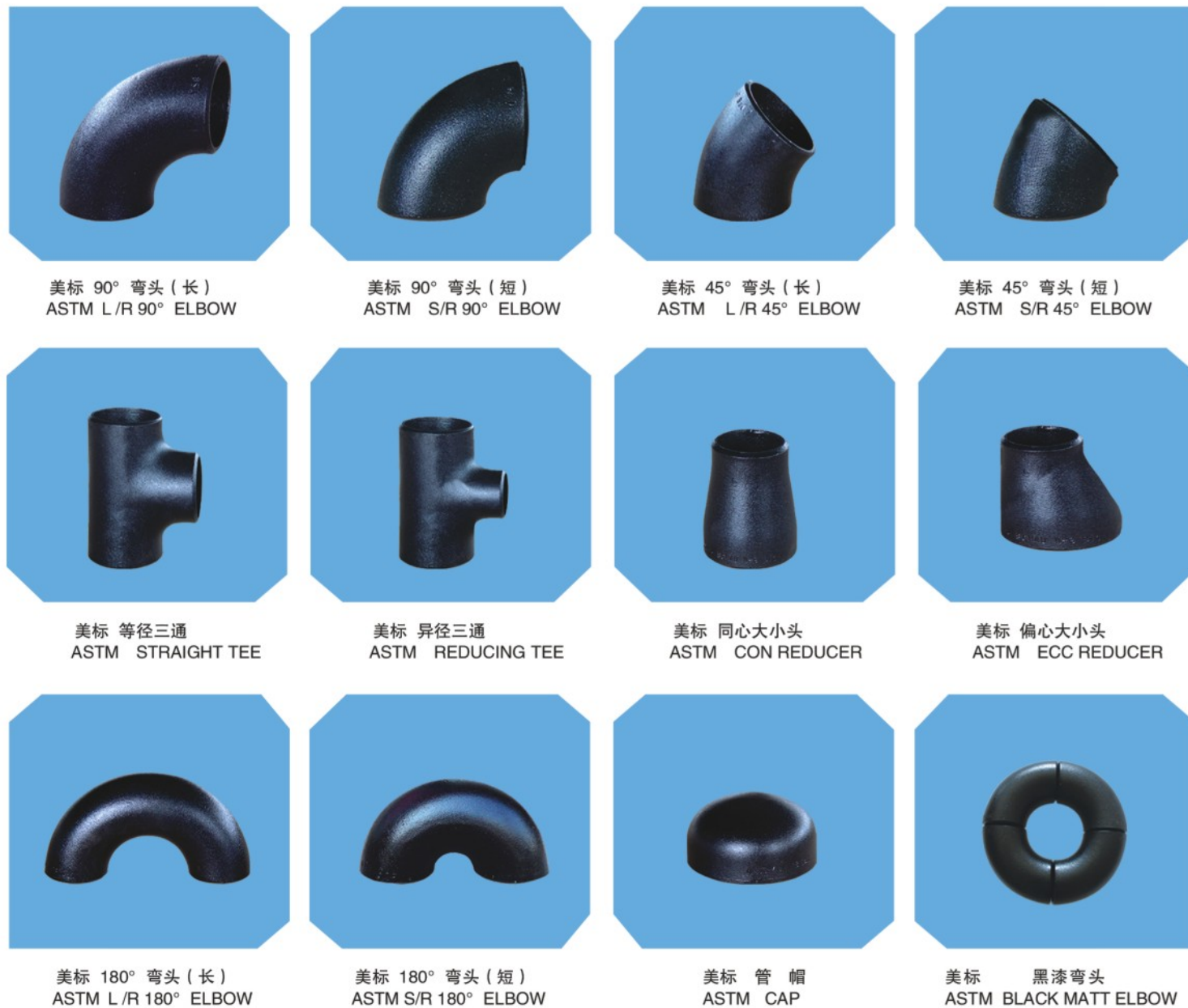
X光探伤 X-Ray crack detection

PIPE FITTINGS

PRODUCT 管件产品

以客户满意为宗旨，以持续改进为动力，追求优质高效的服务，是皓冠公司赢得用户信赖的保证。公司不断追求产品上档次、管理上水平，着力打造一个管理高效、反应敏捷、品质一流的管道生产基地。

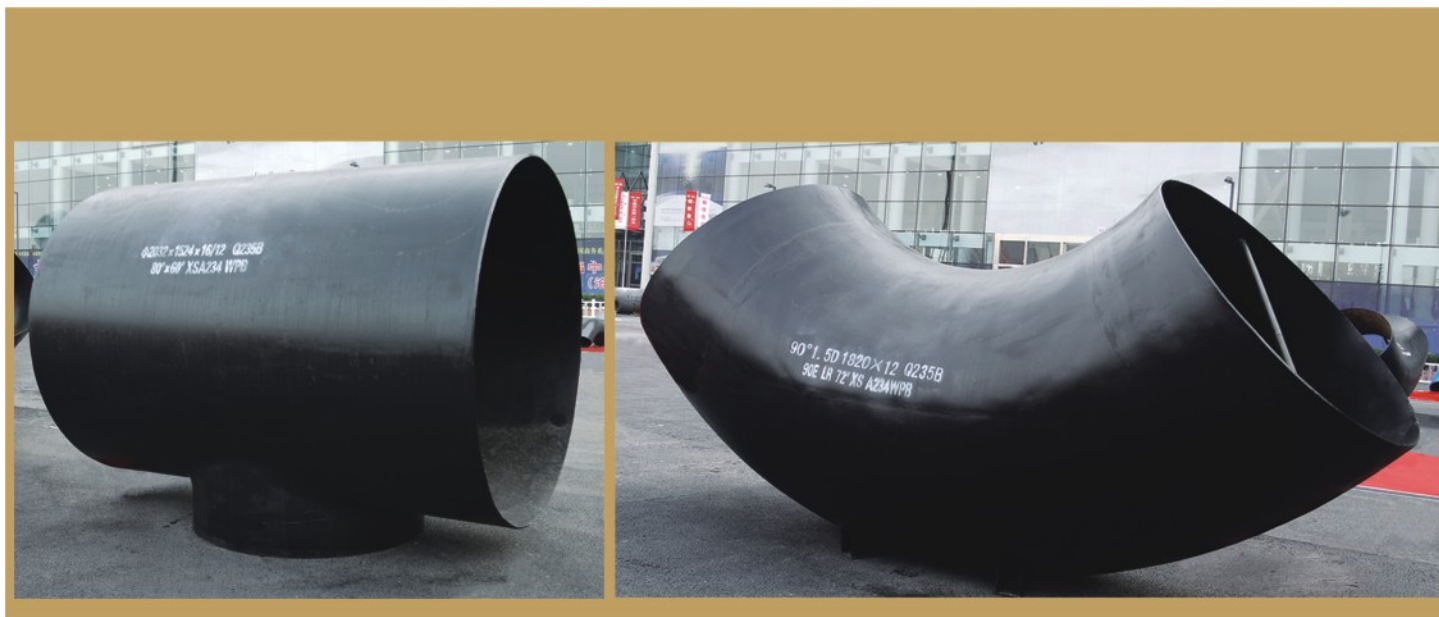
We take the customers' satisfaction as our tenet, take the continuous improvement as our motivity, pursue high-quality and high-efficiency service, and all above are guarantee of Haoguan in winning confidence from customers. The company gradually strives for higher-quality products, high-level management, tries to create a pipeline production base with high-efficiency management, prompt-response and first-class quality.



PRODUCTS OF BUTT WELDING/

FLANGES

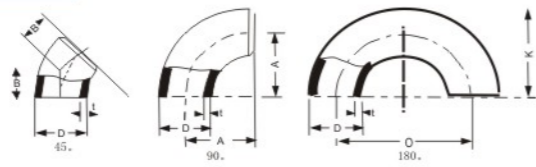
对焊、法兰产品



TECHNICAL DATA

技术参数

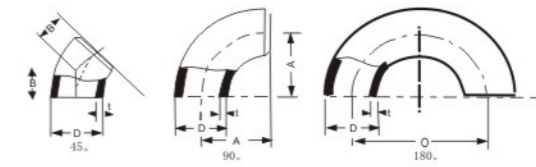
长半径弯头
规格 重量



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

Nominal Pipe Size 公称通径 inch 英寸	Dimensions		Wall Thickness:t 壁厚			Approx.Weight 重量 90° kg	
	Outside Diameter at Bevel:D 外径		Sch.NO.	t			
	inch 英寸	mm		inch 英寸	mm		
1/2	0.840	21.3	A=38.1 B=15.7 O=76.2 K=47.8	5S	0.065	1.65	0.05
				10S	0.083	2.11	0.06
				Std/40 40S	0.109	2.77	0.08
				XS/80 80S	0.147	3.73	0.10
				160	0.188	4.78	
3/4	1.050	26.7	A=38.1 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	0.219	5.56	
1	1.315	33.4	A=38.1 B=22.4 O=76.2 K=55.6	5S	0.065	1.65	0.08
				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	0.250	6.35	0.25
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	3.56	0.26
				XS/80 80S	0.191	4.85	0.35
				160	0.250	6.35	0.42
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	0.281	7.14	0.65
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	0.344	8.74	1.33
2 1/2	2.875	73.0	A=95.3 B=44.5 O=190.5 K=131.8	5S	0.083	2.11	0.55
				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	0.375	9.53	2.33
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	0.438	11.13	3.83
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	0.237	6.02	3.85
				XS/80 80S	0.337	8.56	5.36
				120	0.438	11.13	6.78
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	0.500	12.70	12.1

长半径弯头
规格 重量



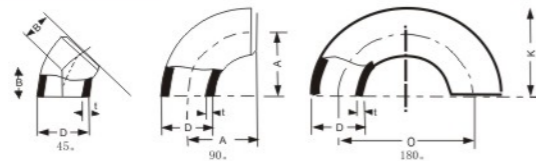
Elbows
Long Radius
ASME/ANSI B16.9
MSS SP-43

Nominal Pipe Size 公称通径 inch 英寸	Dimensions		Wall Thickness:t 壁厚			Approx.Weight 重量 90° 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=7457.2 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	0.562	14.27	19.50
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
10	10.750	273.0	A=381.0 B=158.8 O=762.0 K=517.7	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
12	12.750	323.9	A=457.2 B=190.5 O=914.4 K=619.3	160	0.906	23.01	53.30
				XXS	0.875	22.23	51.70
				5s	0.134	3.40	13.70
				10s	0.165	4.19	16.70
				20	0.250	6.35	25.00
14	14.000	355.6	A=533.4 B=222.3 O=1066.8 K=711.2	30	0.307	7.80	30.50
				Std/40 40s	0.365	9.27	36.10
				XS/60 80s	0.500	12.70	48.80
				80	0.594	15.09	57.30
				100	0.719	18.26	68.60

TECHNICAL DATA

技术参数

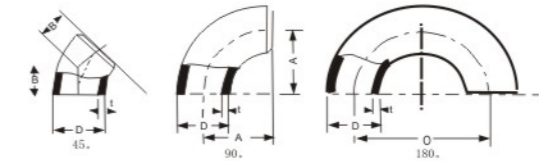
长半径弯头
规格 重量



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

Nominal Pipe Size 公称通径 inch 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					
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
				Std/30	0.375	9.53	89.50
				xs/40	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=685.8 B=285.8 O=1371.6 K=914.4
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				
Std	0.375	9.53	132.00				
xs	0.500	12.70	150.00				
40	0.562	14.27	168.00				
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
				Std/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	676.00
				22	22.000	559.0	A=838.2 B=342.9 O=1676.4 K=1117.6
10s	0.218	5.54	98.80				
10	0.250	6.35	114.00				
Std/20	0.375	9.53	170.00				
xs/30	0.500	12.70	225.00				
60	0.875	22.23	387.00				
80	1.125	28.58	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



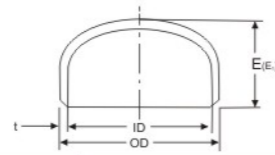
Elbows
Long Radius
ASME/ANSI B16.9
MSS SP-43

Nominal Pipe Size 公称通径 inch 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					
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
				Std/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=406.4	10	0.312	7.92	198.00
				Std	0.375	9.53	238.00
28	28.000	711.0	A=1066.8 B=438.2	XS/20	0.500	12.70	316.00
				10	0.312	7.92	230.00
				Std	0.375	9.53	276.00
30	30.000	762.0	A=1143.0 B=469.9	XS/20	0.500	12.70	367.00
				30	0.625	15.88	456.00
				5s	0.250	6.35	-
32	32.000	813.0	A=1219.2 B=501.7	10s	0.312	7.92	264.00
				10	0.312	7.92	318.00
				Std	0.375	9.53	318.00
34	34.000	864.0	A=1295.4 B=533.4	XS/20	0.500	12.70	421.00
				30	0.625	15.88	524.00
				10	0.312	7.92	301.00
36	36.000	914.0	A=1371.6 B=56.2	Std	0.375	9.53	362.00
				XS/20	0.500	12.70	480.00
				30	0.625	15.88	597.00
38	38.000	965.0	A=1447.8 B=600.0	40	0.688	17.48	656.00
				10	0.312	7.92	340.00
				Std	0.375	9.53	408.00
40	40.000	1016.0	A=1524 B=631.8	XS/20	0.500	12.70	543.00
				30	0.625	15.88	675.00
				40	0.688	17.48	742.00
42	42.000	1066.8	A=1600.2 B=660.4	40	0.688	17.48	742.00
				10	0.312	7.92	381.00
				Std	0.375	9.53	458.00
44	44.000	1107.6	A=1676.4 B=695.3	XS/20	0.500	12.70	608.00
				30	0.625	15.88	758.00
				40	0.750	19.05	906.00
46	46.000	1168.4	A=1752.6 B=717.1	Std/40	0.375	9.53	510.00
				XS/80	0.500	12.70	679.00
				10	0.312	7.92	340.00
48	48.000	1219.2	A=1828.8 B=756.8	Std/40	0.375	9.53	565.00
				XS/80	0.500	12.70	753.00
				10	0.312	7.92	381.00

TECHNICAL DATA

技术参数

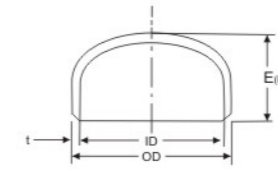
管帽
规格 重量



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 mm	限制 厚度 mm	高度 E ₁ mm	Sch.NO.	t			
	inch 英寸	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		2.50
						STD/40 40S	0.322	8.18		5.11
						XS80 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		15.20
						XXS	0.875			14.70
10	10.75	273	127.0	12.7	152.4	5S	0.134	3.404	3.26	
						10S	0.165	4.191	4.90	
						80/80S 60	0.500	12.70	16.40	
						STD/40 40S	0.365	9.271	8.92	
						XS	0.594	15.09	12.20	
						20	0.250	6.35		
						100	0.719	18.26		
						120	0.844	21.44		
						140/XXS	1.000	25.40	25.70	
						160	1.125	28.58	28.90	
						12	12.750	323.9	152.4	12.7
10S	0.180	4.572	6.50							
STD/40S	0.375	9.53	13.10							
XS/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	12.7	190.5	5S	0.156	3.96	15.90	
						10S	0.188	4.78		
						STD	0.375	9.53		
						20	0.312	7.92		
						40	0.438	11.13		18.60
						XS	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	20.00	
						10S	0.188	4.78		
						STD	0.375	9.53		26.70
						XS/40	0.500	12.70		
						20	0.312	7.92		
						60	0.656	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	40.48		130.00
18	18.000	457.0	203.2	12.7	228.6	5S	0.165	4.19	25.60	
						10S	0.188	4.78		34.10
						STD	0.375	9.53		
						XS	0.500	12.70		
						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	1.781	45.24								

管帽
规格 重量

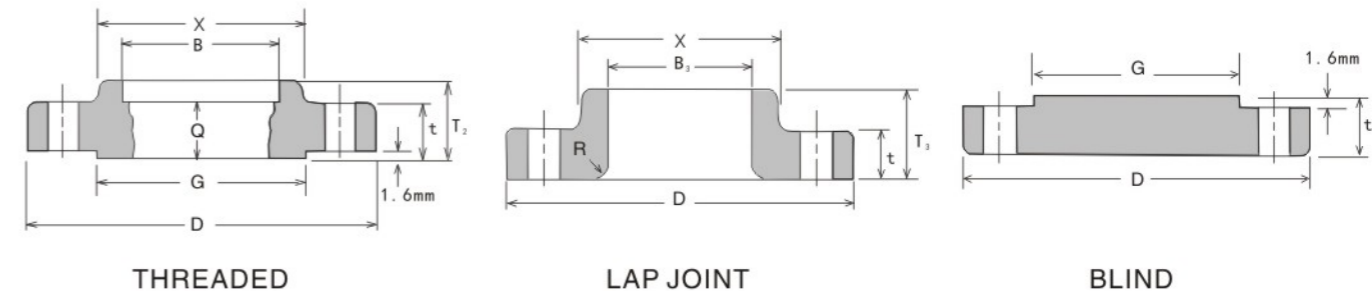
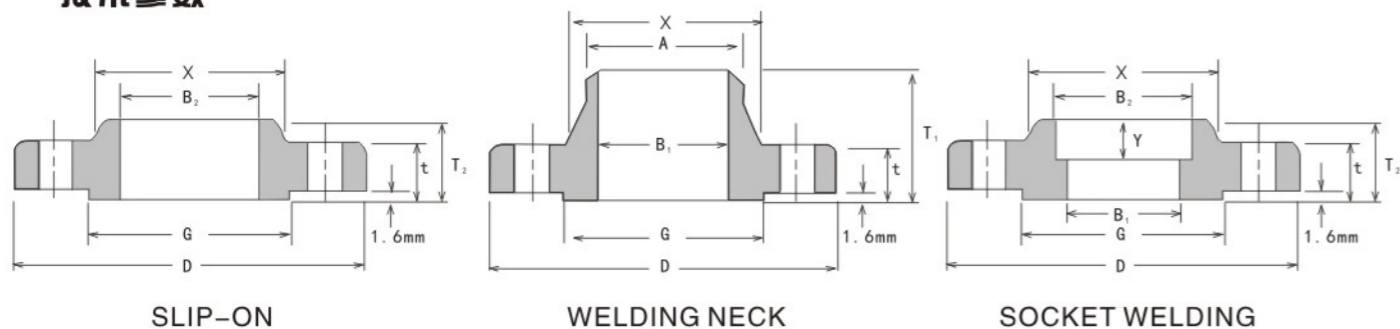


Caps
ASME/ANSI B16.9
MSS SP-43

Nominal Pipe Size 公称通径 inch 英尺	Dimensions					Wall Thickness:t 壁厚			Approx.weight 重量 kg	
	Outside Diameter at Bevel:D 外径		Length: E 高度 E mm	限制 厚度 mm	高度 E ₁ mm	Sch.NO.	t			
	inch 英寸	mm	mm	mm	inch 英寸		mm			
20	20.000	508.0	228.6	12.7	254.0	5S	0.168	4.27	31.90	
						10S	0.218	5.54		42.50
						STD/20	0.375	9.53		54.10
						XS	0.500	12.70		
						40	0.594	15.09		
						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	38.80	
						10S	0.218	5.54		51.70
						STD/20	0.375	9.53		
						XS	0.500	12.70		
						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
10S	0.250	6.34	60.10							
SDP/20	0.375	9.53	90.10							
XS	0.500	12.70								
40	0.688	17.48								
60	0.969	24.61								
80	1.219	30.96	160.00							
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	
						XS	0.500	12.70	67.30	
28	28.000	711.0	266.7	-	-	STD	0.375	9.35	56.20	
						XS	0.500	12.70	74.90	
30	30.000	762.0	266.7	-	-	5S	0.250	6.35	62.10	
						10S	0.312	7.92		82.80
						STD	0.375	9.53		
						XS	0.500	12.70		
32	32.000	813.0	266.7	-	-	STD	0.375	9.53	68.40	
						40	0.688	17.48	126.00	
						XS	0.500	12.7	91.20	
34	34.000	864.0	266.7	-	-	STD	0.375	9.53	75.00	
						XS	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	
						XS	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	
						XS	0.500	12.70	126.00	
40	40.000	1016.0	304.8	-	-	STD	0.375	9.53	102.00	
						XS	0.500	12.70	137.00	
42	42.000	1066.8	304.8	-	-	STD	0.375	9.53	110.00	
						XS	0.500	12.70	147.00	
44	44.000	1117.6	342.9	-	-	STD	0.375	9.53	126.00	
						XS	0.500	12.70	167.00	
46	46.000	1168.4	342.9	-	-	STD	0.375	9.53	134.00	
						XS	0.500	12.70	179.00	
48	48.000	1219.2	342.9	-	-	STD	0.375	9.53	143.00	
						XS	0.500	12.70	191.00	

TECHNICAL DATA

技术参数



CLASS 600 FLANGES

ASME B16.5 FORGED FLANGES

ASME B16.5

Nominal Pipe Size	Outside Diam.	Diam. at Base of Hub	O.D. of Raised Face	Thickness	BORE				LENGTH THRU HUB					
					Welding Neck Socket Welding	Slip-on Socket Welding	Lap Joint	Counter Bore Min.	Welding Neck	Slip-on Threaded Socket Welding	Lap Joint	Diam. of Hub at Bevel	Radius of Fillet	Thread Length
1/2	95.3	38.1	35.1	14.2		22.4	22.9	23.6	52.3	22.4	22.4	21.3	3.0	16.0
3/4	117.3	48.0	42.9	15.7		27.7	28.2	29.0	57.2	25.4	25.4	26.7	3.0	16.0
1	124.0	54.0	50.8	17.5		34.5	35.1	35.8	62.0	26.9	26.9	33.5	3.0	18.0
1 1/4	133.4	64.0	63.5	20.6		43.2	43.7	44.5	67.0	29.0	29.0	42.2	5.0	21.0
1 1/2	155.4	70.0	73.2	22.4		49.5	50.0	50.5	69.9	32.0	32.0	48.3	6.0	23.0
2	165.1	84.1	91.9	25.4		62.0	62.5	63.5	73.2	37.0	37.0	60.5	8.0	29.0
2 1/2	190.5	100.1	104.6	28.6		74.7	75.4	76.2	79.2	41.1	41.1	73.2	8.0	32.0
3	209.6	117.3	127.0	31.8		90.7	91.4	92.2	83.0	46.0	46.0	88.9	10.0	35.0
3 1/2	228.6	133.4	139.7	35.1		103.4	104.1	104.9	86.0	49.3	49.3	101.6	10.0	40.0
4	273.1	152.4	157.2	38.1		116.1	116.8	117.6	102.0	54.0	54.0	114.3	11.0	42.0
5	330.2	189.0	185.7	44.5		143.8	144.5	144.4	114.3	60.5	60.5	141.2	11.0	48.0
6	355.6	222.3	215.9	47.8		170.7	171.5	171.4	117.3	67.0	67.0	168.4	13.0	51.0
8	419.1	273.1	269.7	55.6		221.5	222.3	222.3	133.4	76.2	76.2	219.2	13.0	58.0
10	508.0	342.9	323.9	63.5		276.4	277.4	276.4	152.4	86.0	111.3	273.1	13.0	66.0
12	558.8	400.1	381.0	66.7		327.2	328.2	328.7	156.0	92.0	117.3	323.9	13.0	70.0
14	603.3	432.0	412.8	69.9		359.2	360.2	360.4	165.1	94.0	127.0	355.6	13.0	74.0
16	685.8	495.3	469.9	76.2		410.5	411.2	411.2	178.0	106.4	140.0	406.4	13.0	78.0
18	743.0	546.1	533.4	82.6		461.8	462.3	462.0	184.2	117.3	152.4	457.2	13.0	80.0
20	812.8	610.0	584.2	88.9		513.1	514.4	512.8	190.5	127.0	165.1	508.0	13.0	83.0
24	939.8	718.0	692.2	101.6		616.0	616.0	614.4	203.2	140.0	184.2	609.6	13.0	93.0

Notes

- (1) Class 600 flanges except Lap Joint will be furnished with 0.25'(6.35mm) raised face, which is not included in 'Thickness' (t) and 'Length through Hub' (T1),(T2).
- (2) For Slip-on, Threaded, Socket Welding and Lap Joint Flanges, the hubs can be shaped either vertical from base to top or tapered within the limits of 7 degrees.

CLASS 600 FLANGES

ASME B16.5 FORGED FLANGES

ASME B16.5

Nominal Pipe Size	Depth of Socket	DRILLING			BOLTING			APPROXIMATE WEIGHT										
		Bolt Circle Diam.	Number of Holes	Diam. of Holes	Diam. of Bolt (inch)	Stud Bolt Length			Welding Neck		Slip-on and Threaded		Lap Joint		Blind		Socket Welding	
						0.25' Raised Face	Male-Female Tongue Groove	Ring Joint	Kg	lb	Kg	lb	Kg	lb	Kg	lb	Kg	lb
1/2	9.7	66.7	4	15.8	1/2	75	70	75	1.36	2.00	0.75	2.00	0.76	1.80	0.77	2.00	0.75	2.00
3/4	11.2	82.6	4	19.1	5/8	90	85	90	1.59	3.50	1.35	3.00	1.38	3.00	1.37	3.00	1.35	3.00
1	12.7	88.9	4	19.1	5/8	90	85	90	1.82	4.00	1.58	3.70	1.62	3.50	1.66	4.00	1.58	4.00
1 1/4	14.2	98.6	4	19.1	5/8	95	90	95	2.5	5.50	2.15	5.00	2.23	4.50	2.36	5.30	2.15	5.70
1 1/2	15.7	114.3	4	22.2	3/4	110	100	110	3.63	8.00	2.99	6.80	3.09	6.50	3.29	7.50	2.99	7.00
2	17.5	127.5	8	19.1	5/8	110	100	110	4.54	10.00	3.71	8.00	3.85	8.00	4.24	9.70	3.71	8.60
2 1/2	19.1	149.4	8	22.2	3/4	120	115	120	6.36	14.00	5.2	12.00	5.5	11.00	6.23	15.00	5.2	13.00
3	20.6	168.1	8	22.2	3/4	125	120	125	8.17	18.00	7.13	16.00	7.44	14.00	8.63	19.60	7.13	16.30
3 1/2	22.4	184.2	8	25.4	7/8	140	135	140	12.00	26.00	9.53	21.00	9.40	20.00	13.17	29.00		
4	23.9	215.9	8	25.4	7/8	145	140	145	16.8	37.00	14.9	33.00	15.4	31.00	17.7	41.00		
5	23.9	266.7	8	28.4	1	165	160	165	30.9	68.00	24.6	62.80	25.1	60.60	29.4	68.00		
6	26.9	292.1	12	28.4	1	170	165	170	33.1	80.00	28.7	80.00	29.8	78.00	36.2	83.80		
8	31.8	349.3	12	31.8	1 1/8	190	185	190	50.9	112.00	43.5	97.00	45.2	112.00	59.1	137.00		
10	33.3	431.8	16	35.1	1 1/4	215	210	215	85.8	190.00	70.9	168.00	80.2	163.00	98.4	224.90		
12	39.6	489.0	20	35.1	1 1/4	220	215	220	102.6	226.00	84.5	215.00	97.1	240.00	125.3	291.00		
14	41.4	527.1	20	38.1	1 3/8	235	230	235	157.5	268.00	99.3	224.80	116.2	244.70	152.1	348.30		
16	44.5	603.3	20	41.1	1 1/2	255	250	255	218.4	290.00	141	330.20	164.2	365.30	214.1	495.40		
18	49.3	654.1	20	44.5	1 5/8	275	265	275	252	475.40	174.8	412.30	201.8	427.70	275.4	628.30		
20	54.1	723.9	24	44.5	1 5/8	285	280	290	313.3	590.50	221.8	510.50	257.5	570.50	352.4	804.70		
24	63.5	838.2	24	50.8	1 7/8	330	325	330	443.6	820.00	313.3	725.50	367.1	798.00	536.8	1176.0		

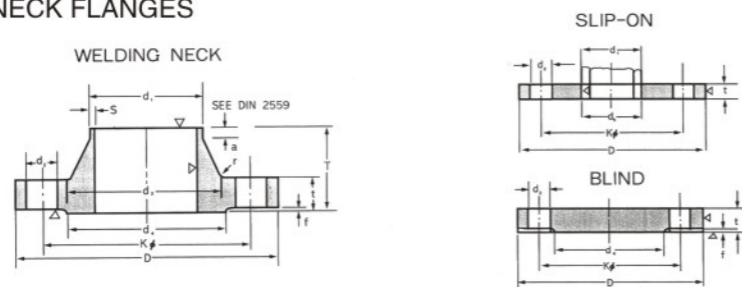
- (3) Blind Flanges may be made with the same hub as that used for Slip-on Flanges or without hub.
- (4) The gasket surface and backside (bearing surface for bolting) are made parallel within 1 degree. To accomplish parallelism, spot facing is carried out according to MSS SP-9, without reducing thickness (t).
- (5) Dimensions of size 1/2' through 3 1/2' are the same as for Class 400 Flanges.
- (6) Depth of Socket (Y) is covered by ANSI B16.5 only in sizes through 3 inch, over 3 inch is at the manufacturer's option.

TECHNICAL DATA

技术参数

10BAR

DIN 2576 SLIP-ON FLANGES
DIN 2527 BLIND FLANGES
DIN 2632 WELDING NECK FLANGES



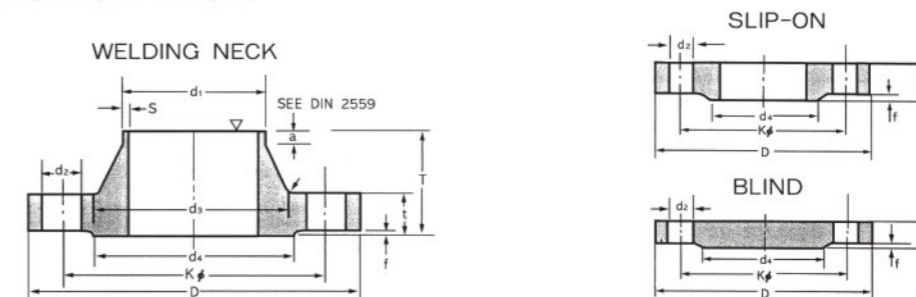
Unit:mm

Nominal Bore	Bore d1	Common Dimension D	t			k	T	Hub				Raised Face		Drilling		Approx Weight(Kg)			
			Welding Neck	Slip-on	Blind			d3	s	r	a	d4	f	Number of Bolt	Dia. of Bolt	d2	DIN 2576	DIN 2632	
10	14 17.2*	90	14	14	14	60	35	25 28	1.8	4	6	40	2	4	M12	(1/2")	14	0.163	0.580
15	20 21.3*	95	14	14	14	65	35	30 32	2.0	4	6	45	2	4	M12	(1/2")	14	0.675	0.648
20	25 26.9*	105	16	16	16	75	38	38 40	2.3	4	6	58	2	4	M12	(1/2")	14	0.947	0.952
25	30 33.7*	115	16	16	16	85	38	42 45	2.6	4	6	68	2	4	M12	(1/2")	14	1.14	1.14
32	38 42.4*	140	16	16	16	100	40	52 56	2.6	6	6	78	2	4	M16	(5/8")	18	1.66	1.69
40	44.5 48.3*	150	16	16	16	110	42	60 64	2.6	6	7	88	3	4	M16	(5/8")	18	1.89	1.86
50	57 60.3*	165	18	18	18	125	45	72 75	2.9	6	8	102	3	4	M16	(5/8")	18	2.51	2.53
65	76.1*	185	18	18	18	145	45	90	2.9	6	10	122	3	4	M16	(5/8")	18	3.00	3.06
80	88.9*	200	20	20	20	160	50	105	3.2	8	10	138	3	4	M16	(5/8")	18	3.79	3.70
100	108 114.3*	220	20	20	20	180	52	125 131	3.6	8	12	158	3	8	M16	(5/8")	18	4.20	4.62
125	133 139.7*	250	22	22	22	210	55	150 156	4.0	8	12	188	3	8	M16	(5/8")	18	5.71	6.30
150	159 168.3*	285	22	22	22	240	55	175 184	4.5	10	12	212	3	8	M20	(3/4")	23	6.72	7.75
200	216 219.1*	340	24	24	24	295	62	232 235	5.9	10	16	268	3	8	M20	(3/4")	23	9.50	11.3
250	267 273*	395	26	26	26	350	68	285 292	6.3	12	16	320	3	12	M20	(3/4")	23	12.5	14.7
300	318 323.9*	445	26	26	28	400	68	335 344	7.1	12	16	370	4	12	M20	(3/4")	23	14.4	17.6
350	355.6* 368	505	26	28	30	460	68	385	7.1	12	16	430	4	16	M20	(3/4")	23	20.6	21.4
400	406.4* 419	565	26	32	32	515	72	440	7.1	12	16	482	4	16	M24	(7/8")	27	27.9	26.1
500	508* 521	670	28	38	34	620	75	542	7.1	12	16	585	4	20	M24	(7/8")	27	41.1	34.7
600	609.6* 622	780	28			725	80	642	7.1	12	18	685	5	20	M27	(1")	30		
700	711.2* 720	895	30			840	80	745	8.0	12	18	800	5	24	M27	(1")	30		
800	812.8* 820	1015	32			950	90	850	8.0	12	18	905	5	24	M30	(1 1/8")	33		
900	914.4* 920	1115	34			1050	95	950	10.0	12	20	1005	5	28	M30	(1 1/8")	33		
1000	1016* 1020	1230	34			1160	95	1052	10.0	16	20	1110	5	28	M33	(1 1/4")	36		

NOTE*Out side diameter of pipe complies with ISO recommendation R64

16BAR

DIN 2543 SLIP-ON FLANGES
DIN 2527 BLIND FLANGES
DIN 2633 WELDING NECK FLANGES



Unit: mm

Nominal Bore	Bore d1	Common Dimension D	t			k	T	Hub				Raised Face		Drilling		Approx Weight(Kg)			
			Welding Neck	Slip-on	Blind			d3	s	r	a	d4	f	Number of Bolt	Dia. of Bolt	d2	DIN 2543	DIN 2633	
10	14 17.2*	90	14		14	60	35	25 28	1.8	4	6	40	2	4	M12	(1/2")	14	0.63	0.580
15	20 21.3*	95	14	14	14	65	35	30 32	2.0	4	6	45	2	4	M12	(1/2")	14	0.72	0.648
20	25 26.9*	105	16	16	16	75	38	38 40	2.3	4	6	58	2	4	M12	(1/2")	14	1.01	0.952
25	30 33.7*	115	16	16	16	85	38	42 45	2.6	4	6	68	2	4	M12	(1/2")	14	1.23	1.14
32	38 42.4*	140	16	16	16	100	40	52 56	2.6	6	6	78	2	4	M16	(5/8")	18	1.80	1.69
40	44.5 48.3*	150	16	16	16	110	42	60 64	2.6	6	7	88	3	4	M16	(5/8")	18	2.09	1.86
50	57 60.3*	165	18	18	18	125	45	72 75	2.9	6	8	102	3	4	M16	(5/8")	18	2.88	2.53
65	76.1*	185	18	18	18	145	45	90	2.9	6	10	122	3	4	M16	(5/8")	18	3.66	3.06
80	88.9*	200	20	20	20	160	50	105	3.2	8	10	138	3	8	M16	(5/8")	18	4.77	3.70
100	108 114.3*	220	20	20	20	180	52	125 131	3.6	8	12	158	3	8	M16	(5/8")	18	5.65	4.62
125	133 139.7*	250	22	22	22	210	55	150 156	4.0	8	12	188	3	8	M16	(5/8")	18	8.42	6.30
150	159 168.3*	285	22	22	22	240	55	175 184	4.5	10	12	212	3	8	M20	(3/4")	23	10.4	7.75
200	216 219.1*	340	24	24	24	295	62	232 235	5.9	10	16	268	3	12	M20	(3/4")	23	16.1	11.0
250	267 273*	395	26	26	26	350	68	285 292	6.3	12	16	320	3	12	M24	(7/8")	27	24.9	15.6
300	318 323.9*	445	26	26	28	400	68	335 344	7.1	12	16	370	4	12	M24	(7/8")	27	35.1	22.0
350	355.6* 368	520	30	30	30	470	82	390	8.0	12	16	438	4	16	M24	(7/8")	27	47.8	28.7
400	406.4* 419	580	32	32	32	525	85	445	8.0	12	16	490	4	16	M27	(1")	30	63.5	36.3
500	508* 521	715	34	36	34	650	90	548	8.0	12	16	610	4	20	M30	(1 1/8")	33	102.0	59.3
600	609.6* 622	840	36	40		770	95	652	8.8	12	18	725	5	20	M33	(1 1/4")	36		
700	711.2* 720	910	36			840	100	755	8.8	12	18	795	5	24	M33	(1 1/4")	36		
800	812.8* 820	1025	38			950	105	855	10.0	12	20	900	5	24	M36	(1 3/8")	39		
900	914.4* 920	1125	40			1050	110	955	10.0	12	20	1000	5	28	M36	(1 3/8")	39		
1000	1016* 1020	1255	42			1170	120	1058	10.0	16	20	1115	5	28	M39	(1 1/2")	42		

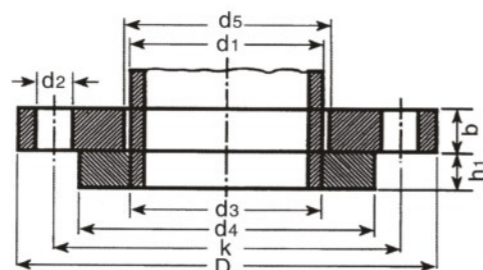
NOTE*Out side diameter of pipe complies with ISO recommendation R64

TECHNICAL DATA

技术参数

LAPPED FLANGES WITH COLLAR
Nominal Pressure: 25kgf/cm²-ND25
DIN 2655
FLANSILAR
BORULARICIN, DESTEKLIGE VSEK
Anma Basinci: 25kgf/cm²-ND25

TS 814/4 (TS ISO 7005-1)



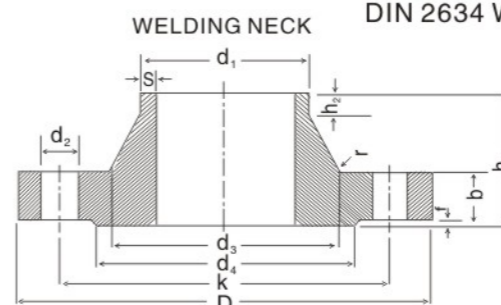
BORU (Pipe)		FLANS (Flange)				CIVATALAR (Bolts)		DESTEK (Beam)				AGIRLIK (Weight) 7.85kg/dm ³	
DN	d ₁	D	d ₅	b	k	Sayisi (Each)	Vida Screw	d ₂	d ₃	d ₄	h ₁	Flans (Flange) kg	Destek (Beam) kg
10	17.2	Degerler DIN 2656(40kgf/cm ²)den alınmalıdır											
150	168.3												
200	219.1	360	225	26	310	12	M24	26	221.8	278	24	11.7	4.53
250	273	425	279	30	370	12	M27	30	276.2	335	26	17.9	6.56
300	323.9	485	329	34	430	16	M27	30	327.6	395	28	24.7	8.80
350	368	555	374	38	490	16	M30	33	372.2	450	32	35.6	13.2
400	419	620	426	42	550	16	M33	36	423.7	505	34	47.5	16.5
500	508	730	517	50	660	20	M33	36	513.6	615	38	71.1	25.3

LAPPED FLANGES WITH COLLAR
Nominal Pressure: 40kgf/cm²-ND40
DIN 2656

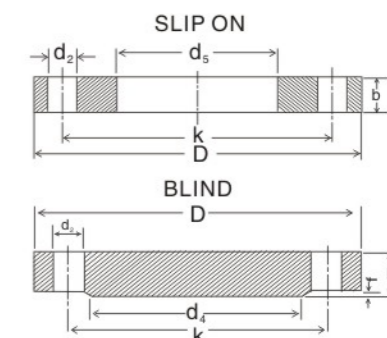
FLANSILAR
BORULARICIN, DESTEKLI GEVSEK
Anma Basinci: 40kgf/cm²-ND40
TS 814/5 (TS ISO 7005-1)

BORU (Pipe)		FLANS (Flange)				CIVATALAR (Bolts)		DESTEK (Beam)				AGIRLIK (Weight) 7.85kg/dm ³	
DN	d ₁	D	d ₅	b	k	Sayisi (Each)	Vida Screw	d ₂	d ₃	d ₄	h ₁	Flans (Flange) kg	Destek (Beam) kg
10	17.2	90	19	16	60	4	M12	14	17.7	40	12	0.696	0.104
15	21.3	95	24	16	65	4	M12	14	22	45	12	0.773	0.126
20	26.9	105	30	16	75	4	M12	14	27.6	58	14	0.934	0.236
25	33.7	115	36	18	85	4	M12	14	34.4	68	14	1.26	0.321
32	42.4	140	46	18	100	4	M16	18	43.1	78	14	1.85	0.401
40	48.3	150	54	18	110	4	M16	18	49	83	14	2.10	0.498
50	60.3	165	65	20	125	4	M16	18	61.1	102	16	2.75	0.706
65	76.1	185	81	20	145	8	M16	18	77.1	122	16	3.11	0.898
80	88.9	200	94	22	160	8	M16	18	90.3	138	18	3.88	1.23
100	114.3	235	119	22	190	8	M20	22	115.9	162	20	5.23	1.80
125	139.7	270	145	24	220	8	M24	26	141.6	188	22	7.23	2.40
150	168.3	300	173	24	250	8	M24	26	170.5	218	22	8.60	3.02
200	219.1	375	225	30	320	12	M27	30	221.8	285	26	15.2	5.54
250	273	450	279	36	385	12	M30	33	276.2	345	30	25.7	8.83
300	323.9	515	329	40	450	16	M30	33	327.6	410	34	33.5	14.0
350	368	580	374	46	510	16	M33	36	372.2	465	38	50.2	18.9
400	419	660	426	50	585	16	M36	39	423.7	535	42	71.2	28.4

DIN 25Bar



DIN 2503 Slip On Flange
DIN 2527 Blind Flange
DIN 2634 Welding Neck Flange



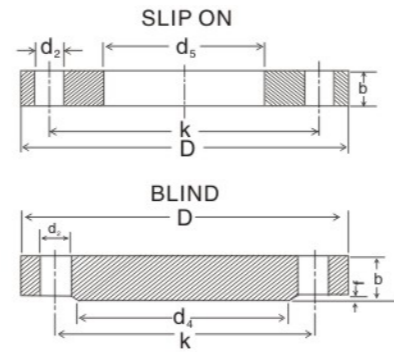
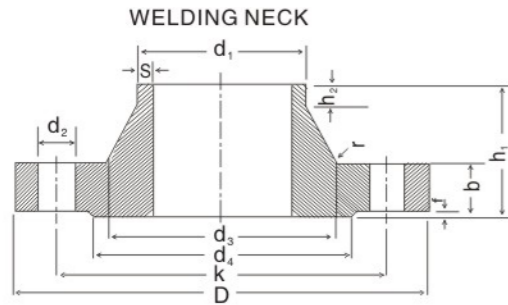
DN	Bore		d	Common Dimension			k	h ₁	Hub				Raised Face		Drilling		Approx. Weight (kg)		
	d ₁	d ₅		b	Welding neck	Slip On			Blind	d ₃	s	r	h ₂	d ₄	f	Number of Bolt	d ₂	DIN 2503	DIN 2634
10	14	14.5	90	16	16	16	60	35	25	1.8	4	6	40	2	4	14	0.7	0.661	
	17.2	28																	
15	20	21	95	16	16	16	65	38	30	2	4	6	45	2	4	14	0.771	0.746	
	21.3	32																	
20	25	26	105	18	18	18	75	40	38	2.3	4	6	58	2	4	14	1	1.06	
	26.9	40																	
25	30	31	115	18	18	18	85	40	42	2.6	4	6	68	2	4	14	1.28	1.29	
	33.7	46																	
32	38	39	140	18	18	18	100	42	52	2.6	6	6	78	2	4	18	1.87	1.88	
	42.4	56																	
40	44.5	45.5	150	18	18	18	110	45	60	2.6	6	7	88	3	4	18	2.13	2.33	
	48.3	64																	
50	57	58.1	165	20	20	20	125	48	72	2.9	6	8	102	3	4	18	2.79	2.82	
	60.3	75																	
65	76.1	77.1	185	22	22	22	145	52	90	2.9	6	10	122	3	8	18	3.48	3.74	4.33
	88.9	105																	
80	88.9	90.3	200	24	24	24	160	58	105	3.2	8	12	138	3	8	18	4.35	4.75	5.94
	108	128																	
100	114.3	115.9	235	24	24	24	190	65	134	3.6	8	12	162	3	8	22	5.78	6.52	7.64
	133	155																	
125	139.7	141.6	270	26	26	26	220	68	162	4	8	12	188	3	8	26	7.87	9.07	11
	159	182																	
150	168.3	170.5	300	28	28	28	250	75	192	4.5	10	12	218	3	8	26	10.1	11.8	14.7
	191	215																	
175	193.7	196	330	28	28	28	280	75	218	5.6	10	15	248	3	12	26	11	13.4	17.6

TECHNICAL DATA

技术参数

DIN 25Bar

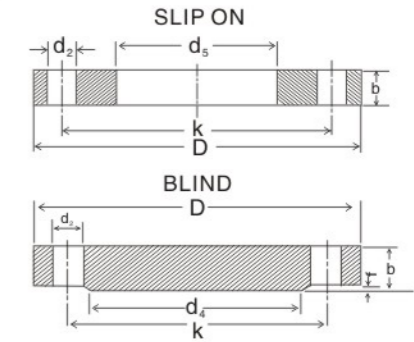
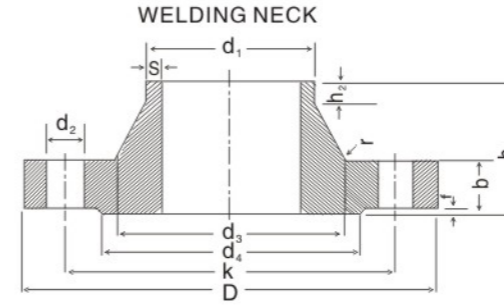
DIN 2503 Slip On Flange
DIN 2527 Blind Flange
DIN 2634 Welding Neck Flange



Bore		Common Dimension						Hub				Raised Face		Drilling		Approx. Weight (kg)			
DN	d ₁	d ₅	d	b			k	h ₁	d ₃	s	r	h ₂	d ₄	f	Number of Bolt	d ₂	DIN 2503	DIN 2634	DIN 2527
				Welding neck	Slip On	Blind													
200	216	219	360	30	30	30	310	80	6.3	10	16	278	3	12	26	13.6	17	22.7	
	219.1	221.8																	244
250	267	270	425	32	32	32	370	88	7.1	12	18	335	3	12	30	19.4	24.4	34.5	
	273	276.2																	298
300	318	322	485	34	34	34	430	92	8	12	18	395	4	16	30	25	31.2	47.3	
	323.9	327.6																	352
350	355.6	359.7	555	38	38	38	490	100	398	8	12	20	450	4	16	33	38.2	44.2	69.3
	368	372.2																	
400	406.4	411	620	40	40	40	550	110	452	8.8	12	20	505	4	16	36	48.8	61.7	91.5
	419	423.7																	
500	508	513.6	730	44	44	45	660	125	558	10	12	20	615	4	20	36	67.2	89.6	141
600	610	616.5	845	46	50		770	125	660	11	12	20	720	5	20	39	93.57	104	
700	711	716	960	46	52		875	125	760	12.5	20	24	820	5	24	42	117.53	136	
800	813	818	1085	50	56		990	135	865	14.2	22	24	930	5	24	48	156.31	186	
900	914	920	1185	54	62		1090	145	968	16	24	28	1030	5	28	48	188.57	236	
1000	1016	1022	1320	58	68		1210	155	1070	17.5	24	28	1140	5	28	56	255.97	307	

DIN 40Bar

DIN 2503 Slip On Flange
DIN 2527 Blind Flange
DIN 2635 Welding Neck Flange

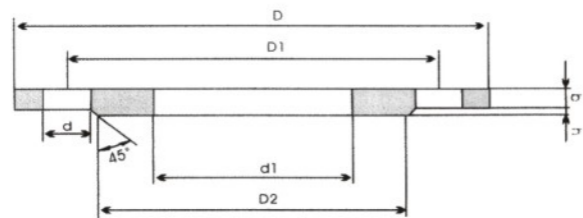


Bore		Common Dimension						Hub				Raised Face		Drilling		Approx. Weight (kg)			
DN	d ₁	d ₅	D	b			k	h ₁	d ₃	s	r	h ₂	d ₄	f	Number of Bolt	d ₂	DIN 2503	DIN 2635	DIN 2527
				Welding neck	Slip On	Blind													
15	20	21	95	16	16	16	65	38	30	2	4	6	45	2	4	14	0.771	0.746	
	21.3	22																	32
20	25	26	105	18	18	18	75	40	38	2.3	4	6	58	2	4	14	1	1.06	
	26.9	27.6																	40
25	30	31	115	18	18	18	85	40	42	2.6	4	6	68	2	4	14	1.28	1.29	
	33.7	34.4																	46
32	38	39	140	18	18	18	100	42	52	2.6	6	6	78	2	4	18	1.87	1.88	
	42.4	43.1																	56
40	44.5	45.5	150	18	18	18	110	45	60	2.6	6	7	88	3	4	18	2.13	2.33	
	48.3	49																	64
50	57	58.1	165	20	20	20	125	48	72	2.9	6	8	102	3	4	18	2.79	2.82	
	60.3	61.1																	75
65	76.1	77.1	185	22	22	22	145	52	90	2.9	6	10	122	3	8	18	3.48	3.74	4.33
	88.9	90.3																	
80	88.9	90.3	200	24	24	24	160	58	105	3.2	8	12	138	3	8	18	4.35	4.75	5.94
	108	109.6																	
100	114.3	115.9	235	24	24	24	190	65	134	3.6	8	12	162	3	8	22	5.78	6.52	7.64
	133	134.8																	
125	139.7	141.6	270	26	26	26	220	68	162	4	8	12	188	3	8	26	7.87	9.07	11
	159	161.1																	
150	168.3	170.5	300	28	28	28	250	75	192	4.5	10	12	218	3	8	26	10.1	11.8	14.7
	219.1	221.8																	
200	267	270.2	375	34	34	34	320	88	298	6.3	10	16	285	3	12	30	17.4	21.5	27.6
	273	276.2																	
250	323.9	327.3	515	42	42	42	450	115	362	8	12	18	410	4	16	33	37.8	49.7	64.3
	355.6	359.7																	
350	368	372.2	580	46	46	46	510	125	408	8.8	12	20	465	4	16	36	53.4	68.1	90.8
	406.4	411																	
400	419	423.7	660	50	50	50	585	135	462	11	12	20	535	4	16	39	75.4	96.5	129
	508	513.6																	
500	508	513.6	755	52	52	56	670	140	562	14.2	12	20	615	4	20	42	88.3	117	175

TECHNICAL DATA

技术参数

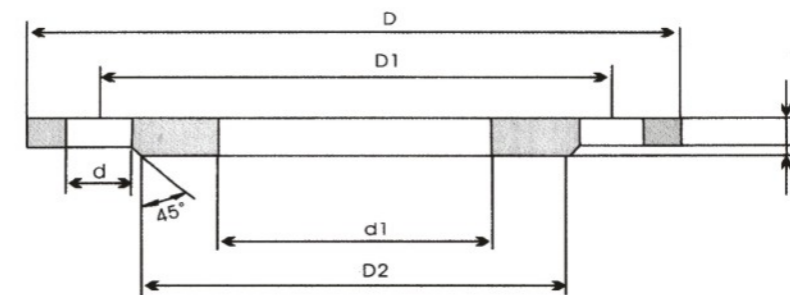
GOST 12820-80 PN1.6



Unit:mm

Nomenclature	Dimensions, mm								Weight, kg
	D	D ₁	D ₂	D ₁	b	h	n	d	
P _{nom} =1.6MPa(16kgf/cm ²)									
1-10-16	90	60	42	15	12	2	4	14	0.54
1-15-16	95	65	47	19	12	2	4	14	0.61
1-20-16	105	75	58	26	14	2	4	14	0.86
1-25-16	115	85	68	33	16	2	4	14	1.17
1-32-16	135	100	78	39	16	2	4	18	1.58
1-40-16	145	110	88	46	17	3	4	18	1.96
1-50-16	160	125	102	59	19	3	4	18	2.58
1-65-16	180	145	122	78	21	3	4	18	3.42
1-80-16	195	160	133	91	21	3	4	18	3.71
1-100-16	215	180	158	110	23	3	8	18	4.73
1-125-16	245	210	184	135	25	3	8	18	6.38
1-150-16	280	240	212	161	25	3	8	22	7.81
1-175-16	310	270	242	196	25	3	8	22	8.64
1-200-16	335	295	268	222	27	3	12	22	10.1
1-225-16	365	325	295	245	27	3	12	22	11.7
1-250-16	405	355	320	273	28	3	12	26	14.49
1-300-16	460	410	370	325	28	4	12	26	17.78
1-350-16	520	470	430	377	30	4	16	26	22.88
1-400-16	580	525	482	426	34	4	16	30	31
1-450-16	640	585	532	480	38	4	20	30	39.64
1-500-16	710	650	585	530	44	4	20	33	57.01
1-600-16	840	770	685	630	45	5	20	39	80.03
1-700-16	910	840	800	720	47	5	24	39	84.21
1-800-16	1020	950	905	820	49	5	24	39	104.41
1-900-16	1120	1050	1005	920	54	5	28	39	128.6
1-1000-16	1255	1170	1110	1020	58	5	28	45	179.37
1-1200-16	1485	1390	1330	1220	71	5	32	52	297.78

GOST 12820-80 PN2.5

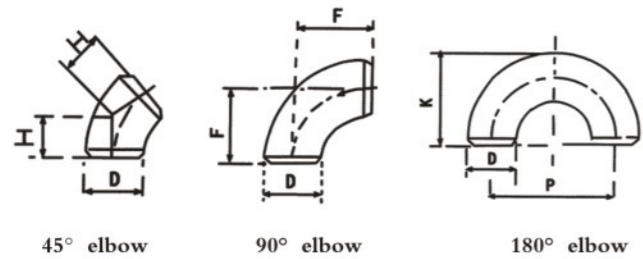


Unit:mm

Nomenclature	Dimensions, mm								Weight, kg
	D	D ₁	D ₂	d ₁	b	h	n	d	
P _{nom} 2.5MPa(25kgf/cm ²)									
1-10-25	90	60	42	15	14	2	4	14	0.63
1-15-25	95	65	47	19	14	2	4	14	0.7
1-20-25	105	75	58	26	16	2	4	14	0.98
1-25-25	115	85	68	33	16	2	4	14	1.17
1-32-25	135	100	78	39	18	2	4	18	1.77
1-40-25	145	110	88	46	19	3	4	18	2.18
1-50-25	160	125	102	59	21	3	4	18	2.71
1-65-25	180	145	122	78	21	3	8	18	3.22
1-80-25	195	160	133	91	23	3	8	18	4.06
1-100-25	230	190	158	110	25	3	8	22	5.92
1-125-25	270	220	184	135	27	3	8	26	8.26
1-150-25	300	250	212	161	27	3	8	26	10.12
1-200-25	360	310	278	222	29	3	12	26	13.34
1-250-25	425	370	335	273	31	3	12	30	18.9
1-300-25	485	430	390	325	32	4	16	30	23.95
1-350-25	550	490	450	377	38	4	16	33	34.35
1-400-25	610	550	505	426	40	4	16	33	44.62
1-500-25	730	660	615	530	48	4	20	39	67.3
1-600-25	840	770	720	630	49	5	20	39	90.87
1-800-25	1075	990	930	820	63	5	24	45	181.43

TECHNICAL DATA

技术参数



45° 弯头、90° 弯头、180° 弯头尺寸(mm)GB12459-90

公称 通径 DN	端部外径 OD		中心至端面 center to end			中心至中心 center to center		背面至端面 backface to end	
			45。elbow	90。elbow		180。elbow			
				H	F		P		K
			A 系列 A series	B 系列 B series	长半径 LR	长半径 LR	短半径 SR	长半径 LR	短半径 SR
15	21.3	18	16	38	-	76	-	48	-
20	26.9	25	16	38	-	76	-	51	-
25	33.7	32	16	38	25	76	51	56	41
32	42.4	38	20	48	32	95	64	70	52
40	48.3	45	24	57	38	114	76	83	62
50	60.3	57	32	76	51	152	102	106	81
65	76.1(73)	76	40	95	64	191	127	132	100
80	88.9	89	47	114	76	229	152	159	121
90	101.6	-	55	133	89	267	178	184	140
100	114.3	108	63	152	102	305	203	210	159
125	139.7	133	79	190	127	381	254	262	197
150	168.3	159	95	229	152	457	305	313	237
200	219.1	219	126	305	203	610	406	414	313
250	273.0	273	158	381	254	762	508	518	391
300	323.9	325	189	457	305	914	610	619	467
350	355.6	377	221	533	356	1067	711	711	533
400	406.4	426	253	610	406	1219	813	813	610
450	457.0	478	284	686	457	1372	914	914	686
500	508.0	529	316	762	508	1524	1016	1016	762

GB/T2506-2005

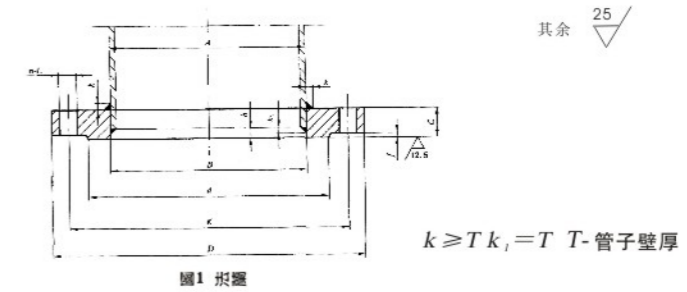


图2 法兰密封面尺寸

公称 压力 PN/ Mpa	公称 通径 DN	钢管外径A		连接尺寸			密封面		f	端距 h	螺栓螺纹及通孔			质量/ kg		
		第一 系列	第二 系列	D	K	B	C	d			Th.	L	n			
0.25 0.6	10	17.2	17	75	50	18		12	33	2	4	M10	11	4	0.31	
	15	21.3	22	80	55	23		14	38						0.35	
	20	26.9	27	90	65	28		16	48						0.53	
	25	33.7	34	100	75	35		18	58						0.64	
	32	42.4	42	120	90	43		20	69						1.08	
	40	48.3	48	130	100	49		22	78						1.19	
	50	60.3	60	140	110	61		24	88		1.31					
	65	76.1	76	160	130	77.5		26	108		1.64					
	80	88.9	89	190	150	90.5		28	124		2.53					
	100	114.3	114	210	170	116		30	144		3.71					
	125	139.7	140	240	200	142		32	174		3.90					
	150	168.3	168	265	225	170		34	199		4.32					
	175	193.7	194	295	255	196		36	232		5.82					
	200	219.1	219	320	280	221.5		38	254		6.31					
225	-	245	345	305	248		40	282	6.85							
0.25 0.6	250	273	375	335	276.5		42	309	8.43	5	9	M24	26	12	8.43	
	300	323.9	325	440	395	328.5		44	363						10.60	
	350	355.6	377	490	445	360	381	26	413						15.99	13.50
	400	406.4	426	540	495	410	430	28	463						19.13	16.22
	450	457	480	595	550	462	485	30	518						23.61	19.58
	500	508	530	645	600	513	535	32	568						27.21	22.67
	600	610	630	755	705	615	635	36	667		38.19	32.64				
	700	711	720	860	810	715	724	36	772		43.16	40.28				
	800	813	820	975	920	817	824	38	878		56.4	53.71				
	900	914	920	1075	1020	918	924	40	978		66.36	63.64				
	1000	1016	1020	1175	1120	1020	1024	42	1078		75.61	73.49				
	1200	1220	1375	1320	1224	44	1295				32	92.95				
	1400	1420	1575	1520	1424	48	1510				36	119.2				
	1600	1620	1790	1730	1624	51	1710				40	159.3				
1800	1820	1990	1930	1824	54	1918			44	190.1						
2000	2020	2190	2130	2024	58	2125			48	227.3						
0.6	700	711	720	860	810	715	724	40	772	5	9	M24	26	24	48.39	45.20
	800	813	820	975	920	817	824	44	878						66.07	62.95
	900	914	920	1075	1020	918	924	48	978						80.73	77.46
	1000	1016	1020	1175	1120	1020	1024	52	1078						95.03	92.41
	1200	1220	1405	1340	1224	60	1295								32	155.1
	1400	1420	1630	1560	1424	68	1510								36	234.0
	1600	1620	1830	1760	1624	76	1710				40	297.6				
	1800	1820	2045	1970	1824	84	1918				44	394.7				
	10	17.2	17	90	60	18		14	41		2	4	M12	14	4	0.53
	15	21.3	22	95	65	23		16	46							0.59
	20	26.9	27	105	75	28		18	56							0.84
	25	33.7	34	115	85	35		20	65							1.09
	32	42.4	42	140	100	43		22	76							1.81
	40	48.3	48	150	110	49		24	84							2.05
50	60.3	60	165	125	61		26	99	2.53							
65	76.1	76	185	145	77.5		28	118	2.96							
80	88.9	89	200	160	90.5		30	132	3.36							
100	114.3	114	220	180	116		32	156	4.12							
125	139.7	140	250	210	142		34	184	5.09							
150	168.3	168	285	240	170		36	211	6.74							
175	193.7	194	315	270	196		38	242	7.72							