



山钢集团
SD STEEL

High quality products to enhance the nation and satisfy the world

山东球墨铸铁管有限公司

SHANDONG DUCTILE IRON PIPES CO.,LTD



Mission: Provide satisfying products and services for customers

Core Value: Joint Creation, Joint Progress, Win-Win

Managerial Tenet: Quality Wins Market, Honesty Creates Future

Spirit: Faith, Persistence, Innovation





SHANDONG DUCTILE IRON PIPES CO., LTD.

Shandong Ductile Iron Pipes Co.,Ltd, established in 1957, is the subsidiary company of Shandong Steel Group. The registered capital is RMB 410 million. The first heat of metal and the first piece of ductile iron pipe of Shandong province were produced here.

Shandong Steel Group is a large iron and steel enterprise, with iron and steel research and production as the major business, aiming to produce the high-end, high quality, and high efficiency products. With the total assets reaching RMB 143.1 billion, the company was listed "China Top 500 Enterprises" (ranking 73rd) and "China Top 500 Manufacturers" (ranking 28th) in 2011. The company has excellent credit and wins the AAA credit rating. Shandong Ductile Iron Pipes Co., Ltd imported the world-leading water-cooled centrifugal casting equipment in 1989, and began to produce ductile iron pipes. It is the first one that produces such pipes according to ISO2531 (GB13295) in China. With constant development and accumulation for the past 50 years, the company's total assets have reached RMB 1.3 billion. The annual capacity of pig iron is more than 1 million tons while the annual capacity of DN80-1400mm ductile iron pipes is more than 400 thousand tons. The products sell well home and abroad.

"Provincial Level Clean Factory" Shandong Ductile Iron Pipes Co., Ltd is located in the east part of the beautiful Spring City Jinan, China. It is only 8 km from Jinan-Qingdao highway, 15 km from Jinan international airport and 360 km from Qingdao Port. The exclusive Jinan-Qingdao railway passes the company site.

Friendly Shandong welcomes you.



认证和标准

Certificates & Standrds >>>

公司始终坚持和贯彻“质量是企业生存之本，为用户提供满意的产品和服务是我们永恒的追求”的质量方针。生铁产品荣获国家“银牌”奖和“全国用户满意产品”称号；球墨铸铁管系列产品获山东省名牌产品称号，被评为国家冶金产品实物质量金杯奖，并在国家技术监督局组织的同行业产品用户调查中，荣获铸管行业第一品牌称号。公司于1999年就通过质量体系认证，瑞士“SGS ISO9001”质量管理体系认证，瑞士SGS产品质量认证，ISO14001环境管理体系、OSH18001职业安全健康管理认证，形成了完善的管理体系。产品执行ISO2531/EN545/EN598/GB13295标准

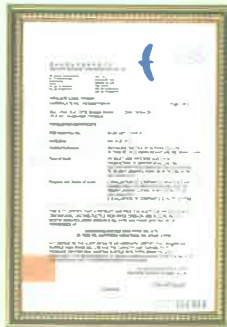
The company always put quality at the first place, and is committed to providing satisfying products and services for our customers. The pig iron was awarded the Silver Medal and the “Nationwide Customer Satisfaction Product” in China. The ductile iron pipes won the prize of “Shandong Famous Brand”, “Gold Prize for Quality of Metallurgical Products” and honored as the “First Brand” in an industry survey by the National Technology Supervisory Bureau.

The company has developed perfect management system. In 1999, it has passed the Swiss SGS Quality system ISO9001 certification, Environmental Management System ISO14001 ertification, and the OSHMS 18001 certification.

Complying with ISO2531/EN545/EN598/GB13295 standards.



SGS产品认证证书
SGS Production Certificates



饮用水卫生许可证书
Licence of Healthy Potable Water



英国WRAS证书
WRAS Certificate



污水管SGS证书
Sewage Pipe Certificate



JIGANG PIPE



职业健康安全管理体系认证证书
Occupational Safety & Health Management System
(OSHMS) Certificate



ISO14001环境管理体系证书
ISO14001 Environmental Management
System Certificate



ISO9001质量管理体系证书
ISO9001 Quality System Certificates



冶金产品实物质量金杯奖
Golden Cup of Actual Quality of Metallurgical Products



沙特准入证书
Approval from Minister of Water & Electricity of KSA



质量检验证书
Quality Examination Certificate



企业信誉3A级证书
Enterprise Credit Certificate of 3A



守合同重信用证书
Certificate of Credit



生产工艺流程

Produce Process>>>



球团竖炉
Pellet shaft furnace



高炉冶炼
Blast furnace



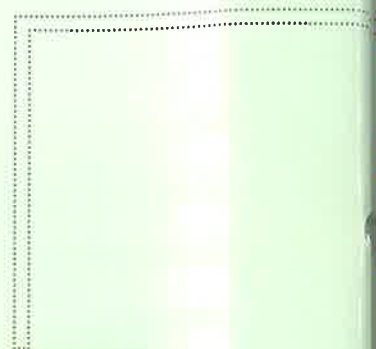
烧结机
Sinter machine



工频炉
Induction furnace



铸铁机
Pig machine





球铁管的耐腐蚀性

Corrosion Protection >>>

1.1 球墨铸铁管的耐腐蚀性

The corrosion protection property

铸铁管具有良好的耐腐蚀性，世界上已埋设 300 年以上的铸铁管道至今仍在使用的，埋设 100 年以上的铸铁管现今仍在使用的更是不胜枚举。关于使用球墨铸铁管，尽管只有 30 多年的历史，但其耐腐蚀性和铸铁管同样良好。

The cast iron has perfect anti-corrosion property, according to the record, There were cast iron pipelines layed over 300 years ago still in use , and countless cases show that cast iron pipes have more than 100 years of service life. As regard to the using of ductile iron pipes, the history is over 30 years. But ductile cast iron is nearly identical to gray cast iron in chemical composition. It also contains far more silicon, carbon and other elements than steel. The resistance of ductile cast iron to corrosion is also similar to that of gray cast iron. This has been demonstrated in use and proved empirically.

1.2 管道的耐腐蚀性

Corrosion protection of pipeline

用于输送自来水和煤气的球铁管管道，埋在土壤里，最先就受到周围土壤的化学和物理性能等极大的影响，当管子排成长距离的管道形成一条连续的通电实体时，则是造成管道腐蚀的重大因素，换句话说，土壤的腐蚀按照埋设管道的不同，不会显示同样的结构特性，基于这种差异，形成浓氧差电池，浓差电池等局部电池的可能性就强，因此铺设一条贯穿在这样土壤的通电实体时，就会产生长线电流，而该电流的阳极部分将会形成非常激烈的腐蚀。采用焊接接口的钢管管道就是很好的例证。但是球铁管管道其接口是采用橡胶圈机械接口或“T”型接口，具有绝缘性能，因此，在整条管道中每 4-6 米就有一个绝缘接口，这样整条管道就不可能成为通电实体。

It is true that the underground ductile iron pipeline transferring potable water and gas will be greatly influenced by the chemical and physical property of the soil directly . The most important factor that result to corrosion is when pipes are jointed to be a long and continuous electrify entity. In other words, the soil corrosion will show different features on the different pipelines. Based on this difference, it forms concentration cell. Partial cell possibility of the concentration cell will be very strong. If laying a electrify entity in the soil will bring long line of electric current and then the current anode will form very aboil corrosion. The welded steel pipeline is an abvious example. Ductile iron pipe, owing to it's mechanical or T type joint and sealed by insulating rubber gasket , there is an insulation joint every 4-6 meters.

1.3 球墨铸铁管的耐电蚀性

Resistance to corrosion caused by electric current

一般埋设于地下的金属导体都能测定出一定容量的电流，由这种电流而引起的金属体腐蚀现象称为电蚀。球铁管由于电阻较大，故不易产生电腐蚀。

Since ductile iron has relatively high electric resistance, it is resistance to corrosion caused by electric current.

Product Performance >>>

产品性能

抗内压性能: 离心球墨铸铁具有铁的本质, 钢的性能, 因此, 球墨铸铁管比其他材质的管道有更加优秀的安全保障。其工作压力的设计计算值比其他大部分材质的管道的工作压力都高, 管道的安全系数非常高, 实际管道可能的爆裂压力是工作压力的 3 倍。

The performance of internal pressure resistance: Centrifugal ductile iron has the essence of iron and the performance of steel, so the ductile iron pipes have excellent security performance than pipes made from other materials. The designed working pressure is much higher than that of pipes made from other materials, and the possible burst pressure is three times of the working pressure.

抗外压性能: 球墨铸铁管的高抗压性可以降低管道床和保护层制作的要求, 使管道铺设及可靠又经济。

The performance of outer pressure resistance: The high pressure resistance can avoid the requirement of the pipe bed and protective cover, making the pipes laying reliable and economic.

内防腐层: 球墨铸铁管内部采用的是离心涂覆的水泥砂浆保护层。水泥内衬质量符合国际标准 ISO4179, 保证砂浆非常坚固密实、光滑、不脱落、不结垢, 并且厚薄均匀, 确保管道内部输送的饮用水得到无微不至的保护。

Inner anti-corrosion layer: The inner layers of ductile iron pipes are centrifugally sprayed with cement mortar. Cement lining complies with the international standard ISO4179, ensuring the mortar strong and smooth. The mortar coating will not fall off or foul, and its thickness is even, ensuring the drinking water transferred by the pipes get good protection.

外防腐层: 球墨铸铁管的镀锌层能通过锌与铁的电化学作用, 对管道起到主动的保护作用。外涂高氯化树脂漆, 更增强了管道的防腐性能。

根据用户需求增加镀锌厚度或喷涂铝锌合金层。
 我公司的每根球墨铸铁管外表面最小镀锌量不小于 $130\text{g}/\text{m}^2$, 符合 ISO8179 标准。也可

Protective coating: The zinc spraying of ductile iron pipes could protect the pipes proactively through the electrochemical effect of zinc and iron. With the high chlorinated resin paint, the pipes will get enhanced anti-corrosion protection.
 The surface zinc spraying of each pipe is not less than $130\text{g}/\text{m}^2$, and complies with ISO8179 standard. We can also increase the zinc spraying thickness or spray zinc & aluminum alloy layer according to the customers' demand.

接口—T 型胶圈: T 型胶圈安装快捷、简单和方便, 并且能承受较大的偏转角度和较大的公差, 对施工的要求不高。T 型密封胶圈是一种自密封胶圈, 在安装时只要简单地将插口装入承口, 压紧胶圈, 就能保证胶圈的密封性。

Joint-T type rubber gasket: The installation of T type rubber gasket is quick simple, and convenient. Such gaskets can bear larger deflection angle and tolerance, lowering the technical requirement of installation. T type rubber gasket is a kind of self-sealed gasket, and the installation just requires putting the socket into the bell mouth and pressing the gasket tight, thus guaranteeing the sealing performance of gaskets.

机械性能

Mechanical Properties >>>

球墨铸铁管及管件的力学性能要求

Mechanical Properties of ductile iron pipes and fittings



金相试验
Metallographic test



光谱分析
Spectrum analysis



机械性能
Mechanical properties



压扁试验
Ring test

标准 Standard	产品 Product	公称直径 Nominal Diameter DN(mm)	抗拉强度 Tensile strength N/mm ²	屈服强度 Yield strength N/mm ²	伸长率 Elongation %	硬度 Hardness HB
ISO2531 EN545:2010	球墨铸铁管 Ductile iron pipes	DN100~1000mm	≥420	≥300	10	≤230
		DN1100~2600mm		≥300	7	
	球墨铸铁管件 Ductile iron fittings	DN80~2600mm	≥420	≥300	5	≤250

水压试验标准(K9级 ISO2531,EN545:2010标准)

Pressure gauge for hydrostatic testing standard

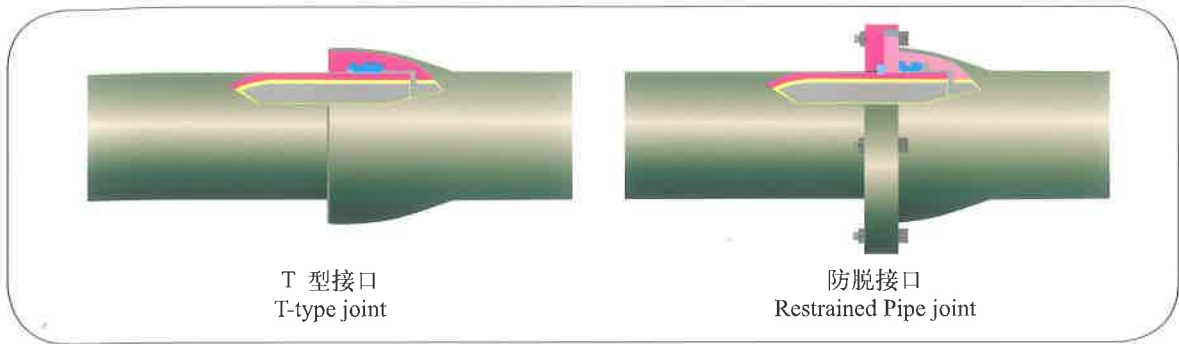
(Class K9 Standard ISO2531 EN545:2010)

产品 Product	公称直径 Nominal Diameter DN(mm)	水压试验压力 (巴) Test pressure (bar)	保压时间 (秒) Time (Second)
球墨铸铁管 Ductile iron pipes	100~300	50	≥10
	350~600	40	
	700~1000	32	
	1100~2000	25	
	2200~2600	18	
球墨铸铁管件 Ductile iron fittings	80~300	25	≥10
	350~600	16	
	700~2600	10	

JIGANG PIPE

机械性能 / 接口结构
Mechanical Properties / Joint structure >>>>>

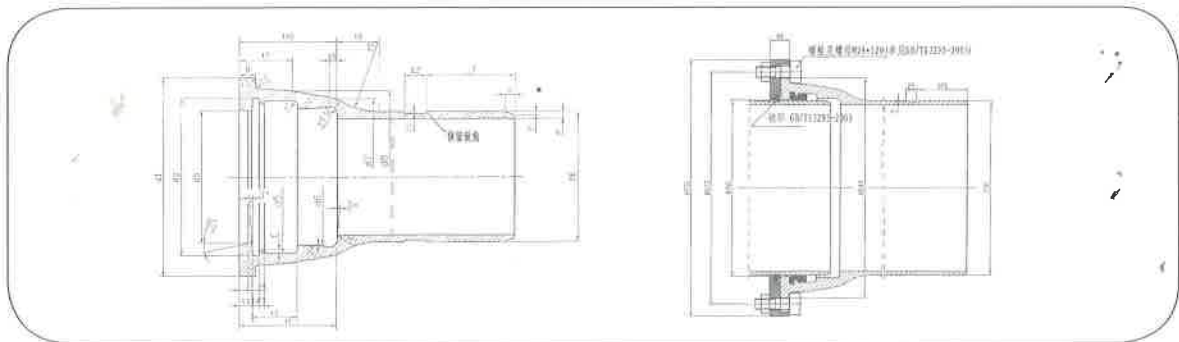
接口结构
Joint structure



T 型接口
T-type joint

防脱接口
Restrained Pipe joint

防脱接口结构图
Restrained Pipe joint Block Diagram



内外防护
Internal & External Protections

内防护	外防护
管子 管件 水泥砂浆内衬 执行ISO4179 EN545:2010标准	管子 管件 喷锌+沥青漆 执行ISO8179 EN545:2010标准
Internal Protection	External Protection
Pipes & Fittings:Cement mortar lining complying with ISO4179 EN545:2010.	Pipes & Fittings:Metallic zinc coating + Bitumen complying with ISO8179 EN545:2010.

注：亦可按客户要求进行内外防腐。

Note:Other internal and external protections can be done as per customer`s requirements.



技术参数

Technique parameter ISO2531/BS4772/EN545:2010

K9 T型接口离心球墨铸铁管技术参数表
Technical Parameters of "T-Type" joint Centrifugal Ductile Cast iron Pipes

公称直径 DN(mm)	外径 DN(mm)	壁厚 (mm)	承口凸部近似重量 kg	球铁管每米重量 (直管部分)kg	标准工作长度总重量 kg(L=6000mm)	每公里用管数 (根)	每公里敷设重量 (吨)
Nominal Diameter	Outside Diameter	Wall Thickness	Appro ximate Weight of Sock et	Mass Kg/m	Mass Kg/Length	Number of Pipes Per Mile	Pipe weight Per Mile(Tons)
80	98	6.0	3.4	12.2	77	167	12.770
100	118	6.0	4.3	15.1	95	167	15.865
150	170	6.0	7.1	22.8	144	167	20.048
200	222	6.3	10.3	30.6	194	167	32.398
250	274	6.8	14.2	40.2	255	167	42.585
300	326	7.2	18.6	50.8	323	167	53.941
350	378	7.7	23.7	63.2	403	167	67.301
400	429	8.1	29.3	75.5	482	167	80.484
450	480	8.6	38.3	89.3	575	167	95.858
500	532	9.0	42.8	104.3	669	167	111.723
600	635	9.9	59.3	137.3	882	167	147.294
700	738	10.8	79.1	173.9	1123	167	187.541
800	842	11.7	102.6	215.2	1394	167	232.798
900	945	12.6	129.6	260.2	1691	167	282.397
1000	1048	13.5	161.3	309.3	2017	167	336.839
1100	1152	14.4	194.7	362.8	2372	167	396.124
1200	1255	15.3	237.7	420.1	2758	167	460.586
1400	1462	17.1	279.3	547.2	3669	167	612.389

K9 T型可允许的偏转角度
(DN80 1400mm管长6m) Permission Deflection Angles

公称直径mm Nominal Diameter DN(mm)	安装时允许的偏转角度 Allowable Angles of Deflection at Installation Work	公称直径mm Nominal Diameter DN(mm)	安装时允许的偏转角度 Allowable Angles of Deflection at Installation Work
80	5°00'	500	3°00'
100	5°00'	600	3°00'
125	5°00'	700	2°00'
150	5°00'	800	2°00'
200	4°00'	900	2°00'
250	4°00'	1000	1°50'
300	4°00'	1100	1°40'
350	3°00'	1200	1°30'
400	3°00'	1400	1°30'
450	3°00'		

JIGANG PIPE

技术参数

Technique parameter ISO2531/BS4772/EN545:2010

C级管规格参数

C-class Pipe Specifications and Parameters>>>

ISO 2531:2009 © ISO

公称直径 DN 毫米	外径 ^a 毫米	压力等级	公称壁厚 e _{nom} 毫米
Nominal Diameter	Outside Diameter	Pressure standard	Wall Thickness
40	56	C40	4.4
50	66	C40	4.4
60	77	C40	4.4
65	82	C40	4.4
80	98	C40	4.4
100	118	C40	4.4
125	144	C40	4.5
150	170	C40	4.5
200	222	C40	4.7
250	274	C40	5.5
300	326	C40	6.2
350	378	C30	6.3 ^b
400	429	C30	6.5 ^b
450	480	C30	6.9
500	532	C30	7.5
600	635	C30	8.7
700	738	C25	8.8 ^b
800	842	C25	9.6
900	945	C25	10.6
1000	1048	C25	11.6
1100	1152	C25	12.6
1200	1255	C25	13.6
1400	1462	C25	15.7
1500	1565	C25	16.7
1600	1668	C25	17.7

a外径正公差为+1毫米。

b为了保证C40和C30以及C30和C25之间公称壁厚的平滑过渡，人为加大了公称壁厚值

C级管产品规格及参数

Product Specifications and Parameters>>>

压力等级 C	允许工作压力 (PFA)	允许最大工作压力 (PMA)	允许试验压力 (PEA)
Pressure standard	Allowable working pressure	Allowable Maximum Working Pressure	Allowable Testing pressure
	巴	巴	巴
25	25	30	35
30	30	36	41
40	40	48	53

运输安装

Transportation & Installation

<DN300mm管成捆包装供货；≥DN300mm管散装

For Pipes≤DN300mm,supplied with bundles;For Pipes>DN300mm,supplied in bulk.

吊装Lifting		运输Transport	
 正确 Correct	 不正确 Incorrect	 钢丝绳 Wire rope 500mm 缓冲垫 Cushion 木料 Timber 楔块 Wedge	 缓冲垫 Cushion 钢丝绳 Wire rope 扒钉 Dog Anchor 木料 Timber 楔块 Wedge
堆放Stacking			
 夹板堆放 Holding stacking ≤3 storeies	 少量堆放 Small stacking	 四方形堆放 Square stacking ≤4 metres	
安装Assembly			
 承口清理 特别是放橡胶圈位置要清干净。 Socket cleaning,especially the gasket placing position should well cleaned 1	 放胶圈入承口 Put a gasket into socket 2	 插口清理并涂润滑剂 Spigot cleaning & lubricating 3	
 连接管子 Connect pipes DN80-150 4	 连接管子 Connect pipes DN200-2000 5	 检查密封圈位置 Check position of gasket 6	
<p>安装：适合于各种地形和气候条件下施工，简捷的安装方法大大加快工程进度，降低工程成本。</p> <p>Installation:Suitable for various topographies and any climate conditions.The simple method installation greatly speeds up the progress of project and reduces investment in project.</p>			

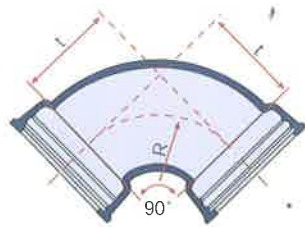
管件和法兰

Fittings and Flanges

1 弯头 Bends

90° 双承弯头

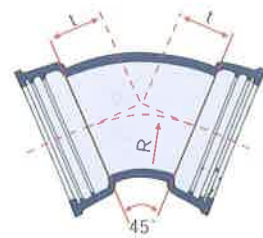
DOUBLE SOCKET – 90° BENDS



Nominal Diameter DN	R mm	t mm	Mass kg
80	74	91	7.9
100	87	105	10.3
150	133	152	18.5
200	160	180	30.5
250	240	262	50.5
300	290	314	73.0
350	340	370	83.0
400	390	420	113.0
500	485	520	183.0
600	580	620	273.0
700	—	720	399.0
800	—	820	535.0
900	—	920	813.0
1000	—	1020	1045.0
1100	—	1120	1253.0
1200	—	1220	1663.0
1400	—	1220	1949.0
1500	—	1270	2276.0
1600	—	1290	2626.0
1800	—	1320	3948.0
2000	—	1360	4204.0
2200	—	1400	—
2400	—	1460	—
2600	—	1520	—

45° 双承弯头

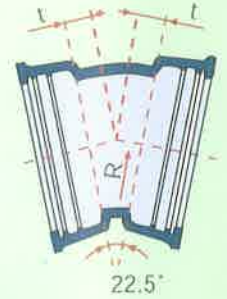
DOUBLE SOCKET – 45° BENDS



Nominal Diameter DN	R mm	t mm	Mass kg
80	95	56	7.2
100	115	66	9.4
150	177	92	16.4
200	193	100	24.0
250	297	145	41.5
300	346	167	56.5
350	346	168	73.5
400	392	189	91.0
500	501	237	149.0
600	595	280	216.0
700	725	335	312.0
800	809	364	419.0
900	—	415	496.0
1000	—	460	635.0
1100	—	505	856.0
1200	—	550	986.0
1400	—	515	1273.0
1500	—	540	1640.0
1600	—	565	1740.0
1800	—	610	2296.0
2000	—	660	2970.0
2200	—	710	3962.0
2400	—	755	4665.0
2600	—	805	5721.0

22.5° 双承弯头 / DOUBLE SOCKET - 22.5° BENDS

Nominal Diameter DN	R mm	t mm	Mass kg
80	75	32	6.5
100	87	35	8.3
150	115	42	13.5
200	155	51	20.5
250	191	60	33.0
300	226	69	43.0
350	266	78	58.0
400	326	92	71.0
500	402	110	111.0
600	522	138	158.0
700	615	157	232.0
800	711	170	307.0
900	-	220	373.0
1000	-	240	470.0
1100	-	260	644.0
1200	-	285	716.0
1400	-	260	933.0
1500	-	270	1377.0
1600	-	280	1659.0
1800	-	305	1663.0
2000	-	330	2144.0
2200	-	355	2707.0
2400	-	380	3359.0
2600	-	400	4087.0


11.25° 双承弯头 / DOUBLE SOCKET - 11.25° BENDS

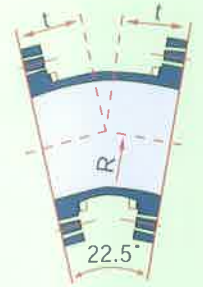
Nominal Diameter DN	R mm	t mm	Mass kg
80	233	40	6.8
100	228	40	8.5
150	274	46	13.8
200	324	52	20.0
250	238	45	31.5
300	264	50	40.5
350	290	54	54.0
400	316	58	65.0
500	417	71	100.0
600	588	92	136.0
700	533	87	197.0
800	624	90	255.0
900	-	120	305.0
1000	-	130	381.0
1100	-	140	525.0
1200	-	150	568.0
1400	-	130	747.0
1500	-	140	908.0
1600	-	140	1007.0
1800	-	155	1331.0
2000	-	165	1702.0
2200	-	190	2183.0
2400	-	205	2709.0
2600	-	215	3290.0





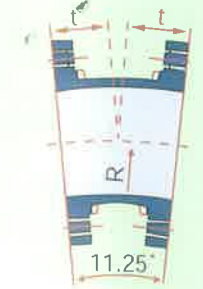
22.5° 双盘弯头 / DOUBLE FLANGED - 22.5 BENDS

Nominal Diameter DN	R mm	t m	Mass with Flange			
			PN 10 kg	PN 16 kg	PN 25 kg	PN 40 kg
80	75	105	9.1	9.1	9.3	9.3
100	87	110	11.0	11.0	12.0	12.0
150	115	109	18.2	18.2	20.0	20.0
200	155	131	27.0	27.0	30.0	33.5
250	191	167	40.0	44.5	50.0	70.0
300	226	175	60.0	59.0	66.0	99.0
350	266	215	84.0	85.0	98.0	-
400	326	239	104.0	113.0	131.0	-
500	402	272	160.0	186.0	198.0	-
600	522	320	234.0	284.0	290.0	-
700	615	300	261.0	258.0	334.0	-
800	711	335	340.0	336.0	445.0	-
900	-	581	525.6	577.0	638.0	-
1000	-	632	677.0	760.0	838.0	-
1100	-	683	877.0	947.0	800.0	-
1200	-	735	1052.0	1183.0	1283.0	-
1400	-	835	1498.0	1633.0	-	-
1500	-	886	1838.0	2014.0	-	-
1600	-	940	2120.0	2324.0	-	-
1800	-	480	1549.0	1801.0	-	-
2000	-	520	1967.0	2273.0	-	-
2100	-	540	2371.0	2700.0	-	-
2200	-	560	2485.0	2819.0	-	-
2400	-	600	-	-	-	-
2600	-	640	-	-	-	-



11.25° 双盘弯头 / DOUBLE FLANGED - 11.25 BENDS

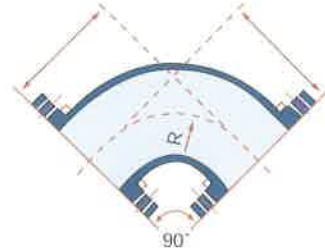
Nominal Diameter DN	R mm	t mm	Mass with Flange			
			PN 10 kg	PN 16 kg	PN 25 kg	PN 40 kg
80	233	113	9.4	9.4	9.6	9.6
100	228	115	11.3	11.3	12.3	12.3
150	274	113	18.5	18.5	20.5	20.5
200	324	132	27.0	27.0	30.0	33.5
250	238	152	44.0	43.0	49.0	69.0
300	264	156	57.0	56.0	63.0	97.0
350	290	191	80.0	80.0	94.0	-
400	316	205	97.0	106.0	124.0	-
500	417	233	148.0	174.0	186.0	-
600	588	274	215.0	265.0	271.0	-
700	533	230	227.0	223.0	299.0	-
800	624	255	290.0	286.0	395.0	-
900	-	581	528.6	576.0	637.0	-
1000	-	632	681.0	764.0	842.0	-
1100	-	683	882.0	952.0	805.0	-
1200	-	735	1059.0	1189.0	1289.0	-
1400	-	835	1507.0	1612.0	-	-
1500	-	885	1849.0	2025.0	-	-
1600	-	940	2132.0	2337.0	-	-
1800	-	345	1251.0	1279.0	-	-
2000	-	375	1580.0	1886.0	-	-
2100	-	390	1939.0	2267.0	-	-
2200	-	405	1996.0	2330.0	-	-
2400	-	435	2421.0	2825.0	-	-
2600	-	465	2900.0	3370.0	-	-



JIGANG PIPE

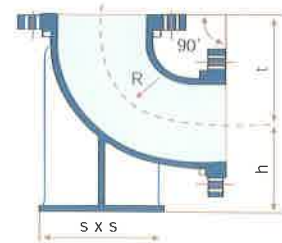
90° 双盘长半径弯头 / LONG RADIUS BENDS (DOUBLE FLANGED-90°)

Nominal Diameter DN	L mm	Mass		
		PN 10 kg	PN 16 kg	PN 25 kg
80	380	14.5	14.5	14.5
100	400	18.0	18.0	19.0
125	425	23.5	23.5	24.1
150	450	30.1	30.1	32.1
200	500	45.9	45.4	49.6
250	550	66.4	65.2	73.2
300	600	90.8	89.5	101.0
350	680	115.8	121.6	138.4
400	700	116.2	157.4	180.0
450	750	184.0	184.0	221.0
500	800	222.0	252.6	275.8
600	900	326.2	377.0	407.6
700	1000	454.4	484.2	-
800	1100	617.4	655.0	-
900	1200	798.6	846.4	-
1000	1300	1025.0	1108.0	-
1100	1400	1315.0	1385.0	-
1200	1500	1592.8	1721.6	-



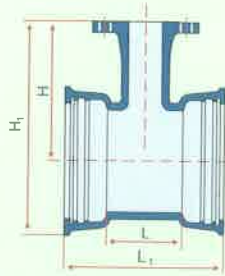
90° 双盘鸭掌弯头 / DUCKFOOT BENDS (DOUBLE FLANGED-90°)

Nominal Diameter DN	R mm	t mm	Duck foot		Mass with flange			
			h mm	s mm	PN 10 kg	PN 16 kg	PN 25 kg	PN 40 kg
80	74	165	110	180	13.8	13.8	14.0	14.0
100	87	180	125	200	17.2	17.2	18.2	18.2
150	133	220	160	250	31.5	31.5	33.5	33.5
200	160	260	190	300	48.0	48.0	51.0	55.0
250	240	350	225	350	85.0	84.0	90.0	111.0
300	290	400	255	400	119.0	117.0	125.0	158.0
350	366	450	290	450	170.0	164.0	183.0	-
400	409	500	320	500	225.0	217.0	245.0	-
500	495	600	385	600	360.0	373.0	394.0	-
600	581	700	450	700	537.0	569.0	592.0	-
700	695	800	515	800	764.0	746.0	822.0	-
800	785	900	580	900	1026.0	1003.0	1112.0	-
900	-	1000	645	1000	1152.0	1290.0	-	-
1000	-	1100	710	1100	1629.0	1698.0	-	-
1100	-	1200	776	1200	2080.0	2150.0	-	-
1200	-	1300	840	1300	2599.0	2709.0	-	-



2 三通 / Tees

双承单支盘三通 / DOUBLE SOCKET TEES WITH FLANGED BRANCH

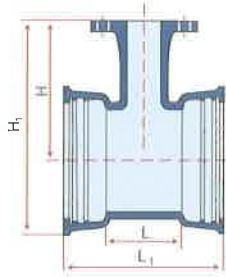
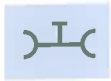


Nominal Diameter		L mm	L1 mm	H mm	H1 mm	Mass with flange			
Body DN	Branch dn					PN 10 kg	PN 16 kg	PN 25 kg	PN 40 kg
80	40	145	315	149	232	10.5	10.5	10.5	10.5
	65	145	315	174	257	11.9	11.9	12.0	12.0
	80	183	353	165	248	13.0	13.0	13.1	13.1
100	65	150	326	186	279	14.1	14.1	14.2	14.2
	80	185	361	177	270	15.2	15.2	15.3	15.3
	100	210	386	180	273	16.5	16.5	17.0	17.0
150	65	154	342	201	321	18.7	19.7	19.8	19.8
	80	165	353	210	330	21.0	21.0	21.0	21.0
	100	190	378	215	335	22.5	22.5	23.0	23.0
	150	305	493	220	340	30.0	30.0	31.0	31.0
200	65	159	359	234	381	27.0	27.0	27.0	27.0
	80	170	370	240	387	27.5	27.5	27.5	27.5
	100	195	395	245	392	30.0	30.0	28.0	28.0
	150	250	450	245	392	36.0	36.0	37.0	37.0
	200	360	560	260	407	45.5	45.0	47.0	48.5
250	65	164	474	272	447	41.0	41.0	41.0	41.0
	80	200	-	270	-	47.0	47.0	47.0	-
	100	234	444	270	445	47.0	47.0	47.0	47.0
	150	251	461	280	455	52.0	52.0	52.0	53.0
	200	344	554	290	465	62.0	62.0	64.0	66.0
	250	404	614	300	475	73.0	73.0	76.0	86.0
300	65	237	457	297	501	55.0	55.0	55.0	55.0
	80	237	457	298	502	56.0	56.0	56.0	56.0
	100	237	457	300	504	57.0	57.0	57.0	57.0
	150	347	567	310	514	70.0	70.0	71.0	71.0
	200	347	567	320	524	74.0	74.0	76.0	77.0
	250	467	687	305	509	90.0	89.0	92.0	103.0
	300	467	687	340	544	99.0	98.0	102.0	118.0
350	100	196	415	330	562	73.0	73.0	73.0	-
	150	316	535	340	572	87.0	87.0	88.0	-
	200	316	535	350	582	91.0	91.0	93.0	-
	250	370	589	360	592	104.0	104.0	106.0	-
	300	435	655	370	-	113.0	113.0	118.0	-
	350	485	705	380	612	131.0	132.0	138.0	-
400	100	196	415	360	618	84.0	84.0	84.0	-
	150	316	535	370	628	100.0	100.0	101.0	-
	200	316	535	380	638	105.0	104.0	106.0	-
	250	429	649	390	648	125.0	124.0	127.0	-
	300	429	649	400	658	133.0	132.0	136.0	-
	350	495	715	410	-	143.0	146.0	153.0	-
	400	546	765	420	678	162.0	167.0	176.0	-
450	100	215	455	395	682	98.5	98.5	99.0	-
	150	270	510	400	687	119.0	119.0	119.0	-
	200	325	565	410	697	122.0	122.0	122.0	-
	250	375	615	420	707	141.0	140.0	140.0	-
	300	455	695	430	717	149.0	149.0	149.0	-
	350	495	735	440	727	166.0	169.0	169.0	-
	400	560	800	450	737	177.0	181.0	181.0	-
	450	620	860	460	747	192.0	200.0	200.0	-

JIGANG PIPE

管件和法兰
Fittings and Flanges >>> >>> >>> >>>

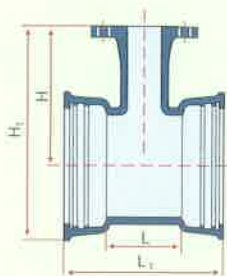
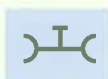
双承单支盘三通 / DOUBLE SOCKET TEES WITH FLANGED BRANCH



Nominal Diameter		L mm	L1 mm	H mm	H1 mm	Mass with flange			
Body DN	Branch dn					PN 10 kg	PN 16 kg	PN 25 kg	PN 40 kg
500	100	210	450	420	734	119.0	119.0	120.0	-
	150	325	565	430	744	143.0	143.0	144.0	-
	200	325	565	440	754	147.0	147.0	149.0	-
	250	444	683	450	764	173.0	173.0	176.0	-
	300	444	683	460	774	181.0	180.0	184.0	-
	350	500	740	470	784	192.0	195.0	203.0	-
	400	555	795	480	794	215.0	219.0	228.0	-
	450	620	860	490	804	220.0	228.0	244.0	-
500	675	915	500	814	258.0	271.0	277.0	-	
600	100	335	525	500	849	182.0	182.0	183.0	-
	150	285	575	490	859	177.0	177.0	178.0	-
	200	336	620	500	869	192.0	192.0	193.0	-
	250	380	670	510	879	219.0	218.0	222.0	-
	300	448	687	520	889	228.0	228.0	231.0	-
600	350	500	740	530	899	252.0	255.0	263.0	-
	400	566	805	540	909	271.0	275.0	284.0	-
	450	620	860	550	919	285.0	293.0	309.0	-
	500	685	925	560	919	304.0	309.0	331.0	-
	600	796	1035	580	949	373.0	398.0	401.0	-
700	100	345	645	510	941	242.0	242.0	243.0	-
	150	365	665	520	951	262.0	262.0	263.0	-
	200	365	665	525	956	265.0	265.0	266.0	-
	250	365	665	535	966	272.0	271.0	274.0	-
	300	575	875	540	971	300.0	300.0	306.0	-
	400	585	885	555	986	347.0	351.0	360.0	-
	500	810	1110	570	1001	391.0	406.0	418.0	-
	600	915	1215	585	1016	474.0	499.0	502.0	-
700	915	1215	600	1031	491.0	499.0	527.0	-	
800	100	350	670	570	1056	304.0	304.0	305.0	-
	150	361	681	580	1066	332.0	332.0	333.0	-
	200	361	681	585	1071	335.0	335.0	336.0	-
	250	361	681	585	1071	350.0	349.0	352.0	-
	300	580	900	600	1086	371.0	371.0	377.0	-
	400	581	901	615	1101	430.0	435.0	444.0	-
	500	815	1135	630	1116	522.0	537.0	549.0	-
	600	1021	1341	645	1131	617.0	642.0	645.0	-
	700	1045	1365	660	1146	620.0	635.0	669.0	-
	800	1021	1341	675	1161	663.0	674.0	715.0	-
900	100	355	705	630	1170	378.0	378.0	378.0	-
	150	355	705	640	1180	381.0	381.0	382.0	-
	200	355	705	645	1185	420.0	419.0	422.0	-
	250	375	725	635	1175	474.0	474.0	477.0	-
	300	590	940	660	1200	455.0	455.0	461.0	-
	400	590	940	675	1215	532.0	536.0	545.0	-
	500	820	1170	690	1230	666.0	681.0	693.0	-
	600	820	1170	705	1245	798.0	813.0	826.0	-
	700	1050	1400	720	1260	788.0	803.0	837.0	-
	800	1050	1400	735	1275	808.0	823.0	876.0	-
900	1170	1520	750	1290	867.0	878.0	926.0	-	



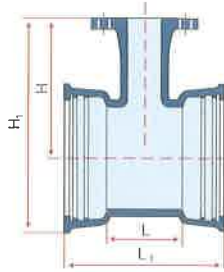
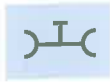
双承单支盘三通 / DOUBLE SOCKET TEES WITH FLANGED BRANCH



Nominal Diameter		L mm	L1 mm	H mm	H1 mm	Mass with flange			
Body DN	Branch dn					PN 10 kg	PN 16 kg	PN 25 kg	PN 40 kg
1000	100	360	730	690	1285	461.0	461.0	462.0	-
	150	360	730	700	1295	464.0	464.0	465.0	-
	200	360	730	705	1300	510.0	510.0	512.0	-
	250	385	755	705	1300	570.0	519.0	522.0	-
	300	595	965	720	1315	570.0	569.0	579.0	-
	400	595	965	735	1330	639.0	644.0	653.0	-
	500	830	1200	750	1345	852.0	867.0	879.0	-
	600	830	1200	765	1360	1007.0	1032.0	1035.0	-
	700	1055	1425	780	1375	985.0	1000.0	1032.0	-
	800	1055	1425	795	1390	1006.0	1021.0	1074.0	-
900	1290	1660	810	1405	1052.0	1076.0	1137.0	-	
1000	1290	1660	825	1420	1115.0	1137.0	1200.0	-	
1100	200	370	770	765	1398	782.0	782.0	784.0	-
	400	600	1000	795	1428	930.0	934.0	945.0	-
	600	830	1230	825	1458	1079.0	1102.0	1114.0	-
	800	1065	1465	855	1488	1321.0	1335.0	1388.0	-
	1000	1295	1695	885	1518	1560.0	1595.0	1681.0	-
	1100	1410	1810	900	1533	1679.0	1714.0	1814.0	-
1200	100	375	805	810	1498	763.0	763.0	763.0	-
	150	375	805	820	1508	803.0	806.0	806.0	-
	200	375	805	825	1513	811.0	811.0	811.0	-
	300	605	1035	840	1528	917.0	917.0	923.0	-
	400	605	1035	855	1543	1010.0	1010.0	1031.0	-
	500	840	1270	870	1558	1018.0	1018.0	1044.0	-
	600	840	1270	885	1573	1000.0	1027.0	1067.0	-
	700	1070	1500	900	1588	1169.0	1184.0	1218.0	-
	800	1070	1500	915	1603	1190.0	1210.0	1295.0	-
	900	1300	1730	930	1618	1367.0	1427.0	1452.0	-
1000	1300	1730	945	1663	1406.0	1448.0	1556.0	-	
1200	1535	1965	975	1663	1682.0	2018.0	1846.0	-	
1400	100	385	815	910	1726	1120.0	1120.0	1120.0	-
	200	385	815	920	1736	1189.0	1189.0	1189.0	-
	400	800	1230	950	1766	1357.0	1368.0	1374.0	-
	600	1030	1460	980	1796	1478.0	1505.0	1519.0	-
	800	1260	1690	1010	1826	1709.0	1728.0	1777.0	-
	1000	1495	1925	1040	1856	1955.0	1996.0	2075.0	-
	1200	1725	2155	1070	1886	2375.0	2439.0	2539.0	-
	1400	1960	2390	1100	1916	2697.0	2765.0	2917.0	-
1600	100	400	930	1020	1945	1261.0	1261.0	1261.0	-
	200	400	930	1030	1955	1361.0	1361.0	1361.0	-
	400	810	1340	1060	1985	1561.0	1565.0	1576.0	-
	600	1040	1570	1090	2015	1908.0	1934.0	1942.0	-
	800	1275	1805	1120	2045	2192.0	2211.0	2264.0	-
	1000	1505	2035	1150	2075	2480.0	2522.0	2607.0	-
	1200	1740	2270	1180	2105	2799.0	2863.0	2962.0	-
	1400	1970	2500	1210	2135	3129.0	3186.0	3349.0	-
1600	2200	2730	1240	2165	3517.0	4607.0	4792.0	-	
1800	100	710	1260	1155	2179	1930.0	1930.0	1930.0	-
	200	710	1260	1155	2179	1934.0	1934.0	-	-
	250	710	1260	1155	2179	1941.0	1940.0	-	-
	300	710	1260	1155	2179	1948.0	1948.0	-	-
	350	765	1315	1165	2189	2028.0	2031.0	-	-
	400	825	1375	1170	2194	2115.0	2120.0	-	-
	450	880	1430	1180	2204	2198.0	2206.0	-	-
	500	940	1490	1185	2209	2286.0	2301.0	-	-

JIGANG PIPE

双承单支盘三通 / DOUBLE SOCKET TEES WITH FLANGED BRANCH

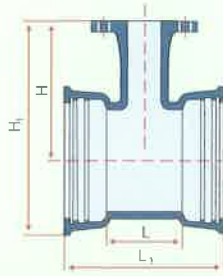
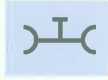


Nominal Diameter		L mm	L1 mm	H mm	H1 mm	Mass with flange			
Body DN	Branch dn					PN 10 kg	PN 16 kg	PN 25 kg	PN 40 kg
1800	600	1055	1605	1200	2214	2414	2440		
	700	1170	1720	1215	2239	2646	2661		
	800	1285	1835	1230	2254	2748	2767		
	900	1405	1955	1245	2269	3032	3056		
	1000	1520	2070	1260	2284	3095	3137		
	1100	1635	2185	1275	2299	3455	3490		
	1200	1750	2300	1290	2314	3460	2524		
	1400	1980	2530	1320	2344	4089	4072		
	1500	2100	2650	1335	2359	4360	4447		
	1600	2215	2765	1350	2374	4581	4577		
1800	2445	2995	1380	2404	5190	5059			
2000	200	720	1290	1265	2380	2414	1934		
	250	720	1290	1265	2380	2421	2421		
	300	720	1290	1265	2380	2429	2429		
	350	780	1350	1275	2390	2531	2534		
	400	840	1410	1280	2395	2635	2640		
	450	895	1465	1290	2405	2733	2741		
	500	950	1520	1295	2410	2830	2845		
	600	1065	1635	1310	2425	2988	3015		
	700	1185	1755	1325	2440	3261	3261		
	800	1300	1870	1340	2455	3484	3484		
	900	1415	1985	1355	2470	3705	3729		
	1000	1530	2100	1370	2485	3790	3832		
	1100	1650	2220	1385	2500	4200	4235		
	1200	1760	2330	1400	2515	4426	4491		
	1400	1995	2565	1430	2545	4645	4713		
1500	2110	2680	1445	2560	5227	5315			
1600	2225	2795	1460	2575	5481	5583			
1800	2460	3030	1490	2605	6037	6163			
2000	2690	3260	1520	2635	6626	6779			
2100	600	1075		1365		3294	3320		
	700	1310		1380		3700	3715		
	800	1305		1395		3698	3717		
	900	1420		1410		3897	3921		
	1000	1535		1425		4104	4145		
	1100	1655		1440		4334	4369		
	1200	1770		1455		4532	4596		
	1400	2000		1485		4943	5010		
	1500	2120		1500		5199	5287		
	1600	2230		1515		5391	5493		
	1800	2465		1545		5827	5953		
	2000	2695		1575		6278	6430		
2100	2810		1590		6593	6757			

管件和法兰
Fittings and Flanges >>> >>> >>> >>>



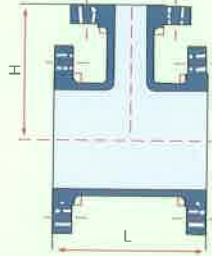
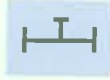
双承单支盘三通 / DOUBLE SOCKET TEES WITH FLANGED BRANCH



Nominal Diameter		L mm	L1 mm	H mm	H1 mm	Mass with flange			
Body DN	Branch dn					PN 10 kg	PN 16 kg	PN 25 kg	PN 40 kg
2200	600	1080	-	1420	-	3832	3858	-	-
	700	1195	-	1435	-	4050	4065	-	-
	800	1310	-	1450	-	4273	4292	-	-
	900	1430	-	1465	-	4500	4523	-	-
	1000	1540	-	1480	-	4715	4756	-	-
	1100	1660	-	1495	-	4964	4999	-	-
	1200	1775	-	1510	-	5180	5244	-	-
	1400	2005	-	1540	-	5626	5693	-	-
	1500	2125	-	1555	-	5900	5988	-	-
	1600	2240	-	1570	-	6118	6220	-	-
	1800	2470	-	1600	-	6579	6705	-	-
	2000	2700	-	1630	-	7063	7216	-	-
	2100	2820	-	1645	-	7404	7569	-	-
2200	2935	-	1660	-	7592	7759	-	-	
2400	600	1090	-	1530	-	4651	4677	-	-
	700	1210	-	1545	-	4916	4931	-	-
	800	1320	-	1560	-	5162	5182	-	-
	900	1440	-	1575	-	5426	5450	-	-
	1000	1555	-	1590	-	5685	5726	-	-
	1100	1670	-	1605	-	5959	5994	-	-
	1200	1785	-	1620	-	6209	6273	-	-
	1400	2020	-	1650	-	6733	6801	-	-
	1500	2135	-	1665	-	7031	7119	-	-
	1600	2250	-	1680	-	7282	7384	-	-
	1800	2480	-	1710	-	7808	7934	-	-
	2000	2715	-	1740	-	8368	8251	-	-
	2100	2830	-	1755	-	8731	8895	-	-
2200	2945	-	1770	-	8950	9117	-	-	
2400	3180	-	1800	-	9543	9746	-	-	
2600	600	1100	-	1640	-	5424	5454	-	-
	700	1220	-	1655	-	5729	5744	-	-
	800	1335	-	1670	-	6025	6044	-	-
	900	1450	-	1685	-	6315	6339	-	-
	1000	1565	-	1700	-	6612	6654	-	-
	1100	1685	-	1715	-	6936	6971	-	-
	1200	1800	-	1730	-	7223	7288	-	-
	1400	2030	-	1750	-	7801	7869	-	-
	1500	2150	-	1775	-	8157	8244	-	-
	1600	2260	-	1790	-	8430	8532	-	-
	1800	2495	-	1820	-	9041	9167	-	-
	2000	2725	-	1850	-	9659	9401	-	-
	2100	2845	-	1865	-	10069	10233	-	-
2200	2960	-	1880	-	10322	10489	-	-	
2400	3190	-	1910	-	10972	11175	-	-	
2600	3420	-	1940	-	11622	11857	-	-	



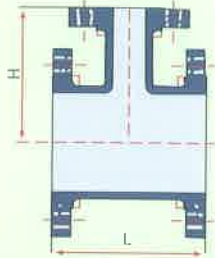
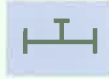
全盘三通 / ALL FLANGED TEES (CONT.)



Nominal Diameter		L mm	H mm	Mass with flange			
Body DN	Branch dn			PN 10 kg	PN 16 kg	PN 25 kg	PN 40 kg
500	100	535	420	168.0	194.0	206.0	-
	150	650	430	192.0	218.0	230.0	-
	200	650	440	196.0	222.0	234.0	-
	250	768	450	223.0	249.0	261.0	-
	300	768	460	229.0	255.0	267.0	-
	350	1000	500	239.0	268.0	298.0	-
	400	880	480	263.0	293.0	314.0	-
	450	1000	500	249.0	298.0	327.0	-
	500	1000	500	306.0	345.0	363.0	-
600	100	700	480	255.0	305.0	311.0	-
	200	700	500	265.0	315.0	321.0	-
	250	1100	450	307.0	360.0	392.0	-
	300	812	520	303.0	353.0	359.0	-
	350	1100	550	326.0	380.0	413.0	-
	400	930	540	344.0	398.0	413.0	-
	450	1100	550	338.0	417.0	448.0	-
	500	1100	550	349.0	420.0	464.0	-
700	100	540	510	253.0	295.0	-	-
	150	650	520	282.0	299.0	-	-
	200	650	525	285.0	302.0	355.0	-
	250	650	535	291.0	308.0	359.0	-
	300	760	540	319.0	342.0	366.0	-
	400	870	555	366.0	388.0	452.0	-
	500	980	670	442.0	481.0	-	-
	600	1200	585	494.0	536.0	594.0	-
800	100	580	570	345	383	-	-
	150	585	575	349	387	-	-
	200	690	585	352	390	-	-
	300	800	600	413	443	-	-
	400	910	615	441	484	-	-
	500	1020	630	561	599	-	-
	600	1350	645	613	678	-	-
	700	1350	660	663	711	-	-
900	100	620	630	428	476	-	-
	150	675	635	432	480	-	-
	200	730	645	436	484	-	-
	300	840	660	523	569	-	-
	400	950	675	541	594	-	-
	500	1060	690	726	784	-	-
	600	1500	705	787	860	-	-
	700	1500	720	843	901	-	-
	800	1560	735	860	913	-	-
900	1500	750	853	924	-	-	



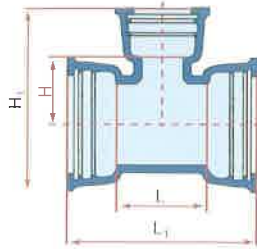
全盘三通 / ALL FLANGED TEES (CONT.)



Nominal Diameter		L mm	H mm	Mass with flange			
Body DN	Branch dn			PN 10 kg	PN 16 kg	PN 25 kg	PN 40 kg
1800	100	1075	1125	2348	2600	-	-
	200	1190	1140	2350	2602	-	-
	400	1420	1170	2574	2835	-	-
	600	1655	1200	2694	2972	-	-
	800	1885	1230	3023	3299	-	-
	1000	2120	1260	3375	3669	-	-
	1200	2355	1290	3740	4056	-	-
	1400	2585	1320	3910	4190	-	-
	1600	2820	1350	4328	4641	-	-
	1800	3050	1380	4750	5086	-	-
2000	200	1235	1250	2840	3246	-	-
	400	1470	1280	3002	3314	-	-
	600	1705	1310	3309	3642	-	-
	800	1935	1340	3505	3796	-	-
	1000	2170	1370	4112	4459	-	-
	1200	2400	1400	4314	4644	-	-
	1400	2635	1430	4966	5340	-	-
	1600	2865	1460	5202	5567	-	-
	1800	3100	1490	5668	6055	-	-
	2000	3330	1520	6185	6599	-	-
2200	600	1560	1420	3975	4334	-	-
	800	1780	1450	4298	4654	-	-
	1000	2000	1480	4753	5128	-	-
	1200	2220	1510	5026	5413	-	-
	1400	2440	1540	5709	6106	-	-
	1600	2660	1570	6234	6664	-	-
	1800	2880	1600	6474	6934	-	-
	2000	3100	1630	7316	7795	-	-
		2200	3320	1660	7954	8464	-
2400	600	1620	1530	4418	4849	-	-
	800	1840	1560	5200	5671	-	-
	1000	2060	1590	5721	6211	-	-
	1200	2280	1620	5963	6432	-	-
	1400	2500	1650	6804	7317	-	-
	1600	2720	1680	7392	7937	-	-
	1800	2940	1710	7614	8145	-	-
	2000	3160	1740	8591	9185	-	-
		2200	3380	1770	9275	9901	-
	2400	3600	1800	10031	10715	-	-
2600	600	1680	1640	5214	5711	-	-
	800	1900	1670	6076	6596	-	-
	1000	2120	1700	6673	7213	-	-
	1200	2340	1730	7289	7850	-	-
	1400	2560	1760	7585	8123	-	-
	1600	2780	1790	8564	9159	-	-
	1800	3000	1820	9213	9831	-	-
	2000	3220	1850	9505	10128	-	-
		2200	3440	1880	10647	11323	-
	2400	3660	1910	11455	12188	-	-
	2600	3880	1940	12230	12988	-	-

JIGANG PIPE

全承三通 / ALL SOCKET TEES

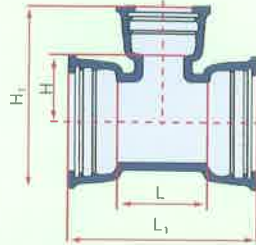


Nominal Diameter		L mm	L ₁	H mm	H ₁	Mass kg
Body DN	Branch dn					
80	80	183	353	92	260	15.00
	100	185	361	104	283	20.00
100	100	210	386	105	287	21.95
	150	165	353	136	342	20.10
150	100	190	378	140	349	29.85
	150	305	493	152	367	38.40
200	80	170	370	167	399	26.50
	100	195	395	170	405	28.50
200	150	250	450	177	418	33.50
	200	360	560	180	427	41.50
250	100	234	444	185	448	47.50
	150	251	461	190	459	59.00
250	200	344	554	200	475	63.00
	250	404	614	205	485	71.50
300	100	237	457	210	502	54.50
	150	347	567	220	518	69.85
300	200	347	567	220	524	72.00
	250	467	687	230	539	86.00
300	300	467	687	235	549	91.00
	100	195	415	230	550	68.75
350	150	315	535	240	566	85.45
	200	315	535	250	582	88.50
350	250	369	589	255	592	103.00
	300	435	655	285	-	111.00
350	350	485	705	265	607	123.00
	100	195	415	260	606	83.00
400	150	315	535	270	622	101.00
	200	315	535	270	628	105.00
400	250	429	649	280	643	120.00
	300	429	649	310	678	127.00
400	350	495	715	315	-	137.00
	400	545	765	295	663	155.00
450	100	215	455	320	-	106.00
	150	270	510	320	-	117.00
450	200	325	565	320	-	121.00
	250	375	615	325	-	138.00
450	300	445	695	335	-	146.00
	350	495	735	340	-	161.00
450	400	560	800	345	-	175.00
	450	620	860	350	-	190.00

管件和法兰
Fittings and Flanges >>> >>> >>>



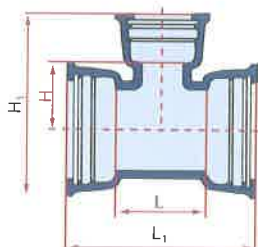
全承三通 / ALL SOCKET TEES



Nominal Diameter		L mm	L ₁	H mm	H ₁	Mass kg
Body DN	Branch dn					
500	100	210	450	310	712	124.00
	150	325	565	320	728	132.00
	200	325	565	320	734	139.00
	250	443	683	330	749	159.00
	300	443	683	335	759	167.00
	350	500	740	365	-	187.00
	400	555	795	345	769	198.00
	450	620	860	375	-	214.00
	500	675	915	355	789	231.00
600	100	220	460	395	-	169.00
	150	285	525	395	-	175.00
	200	335	575	370	839	178.00
	250	380	680	400	-	205.00
	300	447	687	385	864	211.00
	350	500	740	415	-	246.00
	400	565	805	395	874	248.00
	450	620	860	425	-	280.00
	500	685	925	430	-	296.00
	600	795	1035	415	904	325.00
700	100	230	530	400	919	235.00
	150	290	590	400	925	240.00
	200	345	645	410	941	243.00
	300	575	875	460	-	326.00
	400	575	875	430	971	330.00
	500	810	1110	480	-	380.00
	600	810	1110	450	1001	417.00
	700	925	1225	500	-	536.00
800	100	235	555	450	1019	272.00
	150	295	615	450	1025	277.00
	200	350	670	460	1041	300.00
	300	580	900	510	-	395.00
	400	580	900	480	1071	390.00
	500	815	1135	530	-	472.00
	600	815	1135	500	1101	581.00
	700	1045	1365	550	-	586.00
	800	1045	1326	525	1370	630.00
900	100	355	705	545	-	360.00
	150	355	705	545	-	386.00
	200	355	705	545	-	458.00
	300	590	940	570	-	462.00
	400	590	940	570	-	556.00
	500	820	1170	590	-	574.00
	600	820	1170	590	-	833.00
	700	1050	1400	615	-	878.00
	800	1050	1400	615	-	903.00
	900	1170	1570	625	-	944.00

JIGANG PIPE

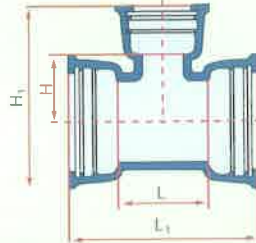
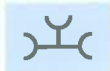
全承三通 / ALL SOCKET TEES



Nominal Diameter		L mm	L ₁	H mm	H ₁	Mass kg
Body DN	Branch dn					
1000	100	360	730	595	-	443.00
	150	360	730	595	-	474.00
	200	360	730	595	-	557.00
	300	595	965	620	-	564.00
	400	595	965	620	-	672.00
	500	830	1200	640	-	690.00
	600	830	1200	640	-	1008.00
	700	1055	1425	665	-	1081.00
	800	1055	1425	665	-	1129.00
	900	1290	1660	685	-	1150.00
	1000	1290	1660	685	-	1209.00
1100	200	370	770	650	-	710.00
	400	600	1000	670	-	909.00
	600	830	1230	690	-	1052.00
	800	1065	1465	715	-	1313.00
	1000	1295	1695	735	-	1504.00
	1100	1410	1810	745	-	162.00
1200	100	375	805	700	-	648.00
	150	375	805	700	-	685.00
	200	375	805	700	-	725.00
	300	605	1035	720	-	816.00
	400	605	1035	720	-	978.00
	500	715	1145	740	-	1095.00
	600	840	1270	740	-	1139.00
	700	955	1385	765	-	1390.00
	800	1070	1500	765	-	1449.00
	900	1185	1615	785	-	1596.00
	1000	1300	1730	785	-	1657.00
	1200	1535	1965	805	-	1900.00
1400	100	385	815	820	-	790.00
	200	385	815	820	-	890.00
	400	800	1230	820	-	890.00
	600	1030	1460	840	-	1096.00
	800	1260	1690	865	-	1340.00
	1000	1495	1925	885	-	1527.00
	1200	1725	2155	905	-	1774.00
	1400	1960	2390	930	-	2049.00
1600	100	400	930	920	-	2323.00
	200	400	930	920	-	-
	400	810	1340	920	-	-
	600	1040	1570	940	-	-
	800	1275	1805	965	-	-
	1000	1505	2035	985	-	-
	1200	1740	2270	1010	-	-
	1400	1970	2500	1030	-	-
	1600	2200	2730	1050	-	-



全承三通 / ALL SOCKET TEES



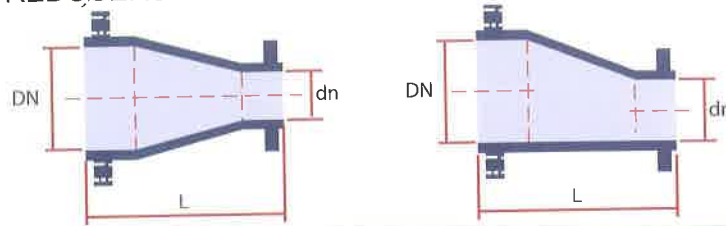
Nominal Diameter		L mm	L ₁	H mm	H ₁	Mass kg
Body DN	Branch dn					
1800	100	410	960	1020	-	-
	200	410	960	1020	-	-
	400	820	1370	1020	-	-
	600	1055	1605	1040	-	-
	800	1285	1835	1065	-	-
	1000	1520	2070	1085	-	-
	1200	1750	2300	1110	-	-
	1400	1980	2530	1130	-	-
	1600	2215	2765	1150	-	-
	1800	2445	2995	1175	-	-
2000	200	420	990	1120	-	-
	400	830	1400	1120	-	-
	600	1065	1635	1140	-	-
	800	1300	1870	1165	-	-
	1000	1530	2100	1185	-	-
	1200	1760	2330	1210	-	-
	1400	1995	2565	1230	-	-
	1600	2225	2795	1250	-	-
	1800	2460	3030	1275	-	-
	2000	2690	3260	1295	-	-
2200	600	1080	-	1240	-	-
	800	1310	-	1265	-	-
	1000	1540	-	1285	-	-
	1200	1775	-	1310	-	-
	1400	2005	-	1330	-	-
	1600	2240	-	1350	-	-
	1800	2470	-	1375	-	-
	2000	2700	-	1395	-	-
2400	600	1090	-	1340	-	-
	800	1320	-	1365	-	-
	1000	1555	-	1385	-	-
	1200	1785	-	1410	-	-
	1400	2020	-	1430	-	-
	1600	2250	-	1450	-	-
	1800	2480	-	1475	-	-
	2000	2715	-	1495	-	-
2600	600	1100	-	1440	-	-
	800	1335	-	1465	-	-
	1000	1565	-	1485	-	-
	1200	1800	-	1510	-	-
	1400	2030	-	1530	-	-
	1600	2260	-	1550	-	-
	1800	2495	-	1575	-	-
	2000	2725	-	1595	-	-
	2200	2960	-	1615	-	-
	2400	3190	-	1640	-	-
2600	3420	-	1660	-	-	

JIGANG PIPE

管件和法兰

Fittings and Flanges >>> >>> >>> >>>

双盘渐缩管 / DOUBLE FLANGED REDUCERS



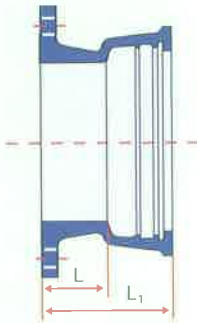
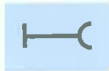
Nominal Diameter		L mm	Mass with flange			
Large DN	Small dn		PN 10 kg	PN 16 kg	PN 25 kg	PN 40 kg
80	50	251.0	8.4	8.4	8.4	8.4
100	80	200.0	9.3	9.4	9.9	9.9
150	80	311.0	15.6	15.6	16.6	16.6
		100	272.0	15.7	15.7	17.2
200	100	385.0	22.8	22.7	24.7	26.5
		150	300.0	23.5	23.5	26.0
250	150	319.0	35.0	34.5	38.0	47.0
		200	300.0	33.5	33.0	37.0
300	150	424.0	46.0	45.5	50.0	64.0
		200	323.0	46.5	46.0	51.0
300	250	300.0	44.0	43.0	49.5	81.0
350	200	650.0	61.5	64.0	74.0	-
		250	600.0	109.0	101.0	120.0
350	300	300.0	67.0	67.0	76.0	-
400	200	700.0	73.5	77.5	90.5	-
		250	650.0	77.0	81.5	96.0
400	300	600.0	92.0	92.0	104.0	-
		350	300.0	77.0	82.0	97.0
450	250	700.0	89.5	97.0	112.0	-
		300	650.0	93.5	101.0	117.0
450	350	600.0	95.6	106.0	126.0	-
		400	300.0	70.5	83.0	105.0
500	300	700.0	109.0	122.0	138.0	-
		350	600.0	160.0	160.0	184.0
500	400	600.0	127.0	145.0	160.0	-
		450	300.0	83.0	104.0	126.0
600	350	750.0	147.0	174.0	193.0	-
		400	600.0	210.0	-	-
600	450	650.0	151.0	183.0	260.0	-
		500	600.0	174.0	212.0	221.0
700	400	800.0	196.0	212.0	328.0	-
		500	600.0	281.0	266.0	328.0
700	600	600.0	317.0	308.0	375.0	-
800	300	1200.0	280.0	299.0	354.0	-
		350	1100.0	272.0	294.0	352.0
800	400	1000.0	264.0	287.0	343.0	-
		450	900.0	263.0	286.0	347.0
800	500	804.0	500.0	-	-	-
		600	600.0	458.0	-	-
800	700	600.0	410.0	370.0	483.0	-
900	300	1400	366.0	390.0	456.0	-
		350	1300	360.0	384.0	53.0
900	400	1200	348.0	378.0	450.0	-
		450	1100	340.0	372.0	444.0
900	500	1000	338.0	370.0	443.0	-
		600	800	318.0	360.0	435.0
900	700	700	321.0	352.0	448.0	-
		800	600	308.0	352.0	162.0
1000	300	1600	477.0	518.0	602.0	-
		350	1500	466.0	511.0	598.0
1000	400	1400	456.0	503.0	593.0	-
		450	1300	446.0	495.0	584.0
1000	500	1200	433.0	490.0	580.0	-
		600	1000	422.0	490.0	582.0
1000	700	800	396.0	442.0	555.0	-
		800	700	399.0	448.0	575.0
1000	900	600	373.0	438.0	577.0	-
1100	500	1400	569.0	619.0	730.0	-
		600	1200	542.0	604.0	718.0
1100	700	1000	515.0	562.0	696.0	-
		800	800	483.0	532.0	681.0
1100	900	700	476.0	530.0	690.0	-
		1000	600	474.0	543.0	720.0

Nominal Diameter		L mm	Mass with flange			
Large DN	Small dn		PN 10 kg	PN 16 kg	PN 25 kg	PN 40 kg
1200	500	1715	740.0	820.0	929.0	-
	600	1530	718.0	809.0	920.0	-
	700	1345	711.0	777.0	909.0	-
	800	1160	688.0	758.0	904.0	-
	900	975	652.0	726.0	883.0	-
	1000	790	586.0	692.0	866.0	-
1400	1100	605	566.0	655.0	851.0	-
	600	1960	1070.0	1163.0	-	-
	700	1775	1039.0	1121.0	-	-
	800	1590	1034.0	1105.0	-	-
	900	1405	998.0	1074.0	-	-
	1000	1220	916.0	1052.0	-	-
1500	1100	1035	914.0	1005.0	-	-
	1200	850	814.0	947.0	-	-
	700	1990	1287.0	1390.0	-	-
	800	1805	1254.0	1361.0	-	-
	900	1620	1211.0	1317.0	-	-
	1000	1435	1174.0	1297.0	-	-
1600	1100	1250	1127.0	1250.0	-	-
	1200	1065	1074.0	1216.0	-	-
	1400	695	914.0	1058.0	-	-
	800	2020	1476.0	1597.0	-	-
	900	1835	1429.0	1555.0	-	-
	1000	1650	1424.0	1547.0	-	-
1800	1100	1465	1377.0	1502.0	-	-
	1200	1280	1324.0	1468.0	-	-
	1400	910	1103.0	1273.0	-	-
	1500	725	1073.0	1250.0	-	-
	900	2265	1971.0	2121.0	-	-
	1000	2080	1920.0	1961.0	-	-
2000	1100	1895	1910.0	2057.0	-	-
	1200	1710	1858.0	2024.0	-	-
	1400	1340	1701.0	1870.0	-	-
	1500	1155	1610.0	1810.0	-	-
	1600	970	1436.0	1664.0	-	-
	1000	2510	2588.0	2782.0	-	-
2100	1100	2325	2538.0	2690.0	-	-
	1200	2140	2512.0	2705.0	-	-
	1400	1770	2358.0	2553.0	-	-
	1500	1585	2268.0	2494.0	-	-
	1600	1400	2176.0	2405.0	-	-
	1800	1030	1800.0	2079.0	-	-
2200	1200	2355	2897.0	3116.0	-	-
	1400	1985	2747.0	2968.0	-	-
	1500	1800	2659.0	2911.0	-	-
	1600	1615	2569.0	2822.0	-	-
	1800	1245	2300.0	2576.0	-	-
	2000	875	1974.0	2276.0	-	-
2400	1400	2200	3168.0	3385.0	-	-
	1500	2015	3070.0	3328.0	-	-
	1600	1830	2980.0	3240.0	-	-
	1800	1460	2712.0	2994.0	-	-
	2000	1090	2250.0	2570.0	-	-
	2100	905	2218.0	2552.0	-	-
2600	1500	2445	4006.0	4322.0	-	-
	600	2260	3919.0	4238.0	-	-
	1800	1890	3557.0	3997.0	-	-
	2000	1520	3338.0	3704.0	-	-
	2100	1335	3171.0	3563.0	-	-
	2200	1150	2765.0	3134.0	-	-
2600	1600	2690	4943.0	5286.0	-	-
	800	2320	4682.0	5047.0	-	-
	2000	1950	4364.0	4755.0	-	-
	2100	1765	4194.0	4611.0	-	-
	2200	1580	3996.0	4419.0	-	-
	2400	1210	3311.0	3748.0	-	-



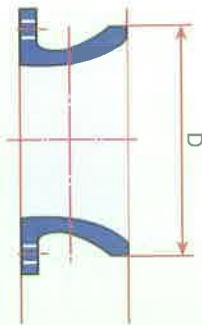
4 Straight Fittings

盘承 / FLANGED SOCKET PIECES



Nominal Diameter DN	L mm	L ₁	Mass with flange			
			PN 10 kg	PN 16 kg	PN 25 kg	PN 40 kg
80	110	195.0	7.5	7.5	7.6	7.6
100	110	198.0	9.1	9.1	9.6	9.6
150	115	209.0	15.0	15.0	16.0	16.0
200	120	220.0	21.0	21.0	23.0	24.0
250	125	230.0	35.5	35.0	38.0	46.0
300	130	240.0	44.5	44.5	48.0	62.0
350	135	245.0	59.0	59.0	66.0	-
400	140	250.0	65.0	69.0	78.0	-
500	170	290.0	85.0	98.0	104.0	-
600	180	300.0	124.0	149.0	152.0	-
700	190	340.0	158.0	166.0	196.0	-
800	200	360.0	211.0	220.0	262.0	-
900	210	235.0	235.0	258.0	356.0	-
1000	220	293.0	293.0	324.0	458.0	-
1100	220	406.4	406.4	413.8.0	550.0	-
1200	240	456.0	456.0	521.0	664.0	-
1400	310	654.0	654.0	723.0	882.0	-
1500	320	773.0	773.0	857.0	939.0	-
1600	330	887.0	887.0	989.0	-	-
1800	350	1125.0	1125.0	1251.0	-	-
2000	370	1414.0	1414.0	1567.0	-	-
2200	390	1767.0	1767.0	1934.0	-	-
2400	410	2150.0	2150.0	2352.0	-	-
2600	480	2563.0	2563.0	2798.0	-	-

法兰喇叭口 / FLANGED BELL MOUTH



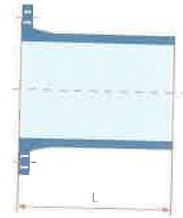
Nominal Diameter DN	D ₁	L mm	Mass with flange		
			PN 10 kg	PN 16 kg	PN 25 kg
80	150	130	5.2	5.2	5.2
100	175	135	6.2	6.2	6.7
150	230	150	10.1	10.1	11.1
200	290	170	15.0	14.8	16.8
250	345	183	21.0	20.5	24.5
300	405	205	28.5	28.5	33.5
350	460	220	35.5	38.0	46.0
400	520	240	45.0	49.5	60.5
450	575	255	54.0	62.0	73.0
500	635	275	67.0	80.0	91.0
600	750	310	96.5	120.0	132.0
700	865	345	135.0	146.0	-
800	980	380	182.0	197.0	-
900	1095	415	231.0	250.0	-
1000	1210	450	297.0	331.0	-
1100	1325	485	370.0	405.0	-
1200	1440	520	457.0	512.0	-
1400	1670	590	646.0	702.0	-
1500	1785	625	763.0	851.0	-
1600	1900	660	906.0	995.0	-
1800	2130	730	1185.0	1297.0	-
2000	2360	800	1530.0	1668.0	-
2100	2475	835	1753.0	1918.0	-
2200	2590	870	1964.0	2135.0	-
2400	2820	940	2485.0	2713.0	-
2600	3035	1010	2989.0	3242.0	-

JIGANG PIPE

盘插 / FLANGED SPIGOT PIECES*

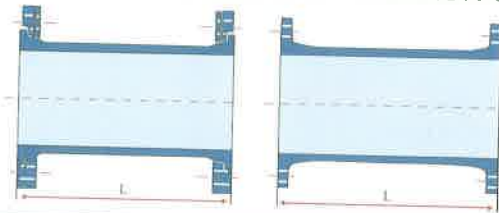


Nominal Diameter DN	L	Mass with flange			
		PN 10 kg	PN 16 kg	PN 25 kg	PN 40 kg
80	350	7.9	8.0	8.0	7.9
100	350	9.6	9.6	10.1	9.6
150	400	17.1	17.1	18.1	17.1
200	400	24.5	24.0	25.5	27.5
250	400	33.0	33.0	35.5	46.0
300	450	46.0	45.0	49.0	65.0
350	450	58.0	58.0	64.0	-
400	480	70.0	74.0	83.0	-
500	520	104.0	117.0	123.0	-
600	560	144.0	169.0	172.0	-
700	600	189.0	187.0	225.0	-
800	600	239.0	250.0	291.0	-
900	600	272.0	295.0	-	-
1000	600	328.0	369.0	-	-
1100	600	394.0	430.0	-	-
1200	600	456.0	520.0	-	-
1400	710	664.0	732.0	-	-
1500	745	812.0	900.0	-	-
1600	780	922.0	1024.0	-	-
1800	850	1196.0	1322.0	-	-
2000	920	1534.0	1687.0	-	-
2200	990	1948.0	2115.0	-	-
2400	1060	2409.0	2611.0	-	-
2600	1130	2918.0	3153.0	-	-



* Lengths can be supplied from the range of 0.3 m up to 5.9 m as per customer request.

双法兰短管 / DOUBLE FLANGED DUCTILE IRON SHORT PIECES



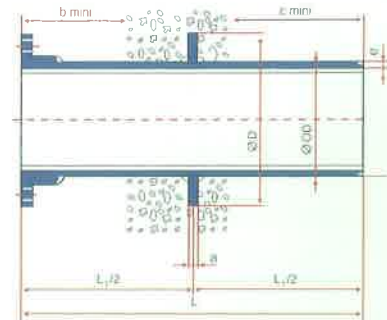
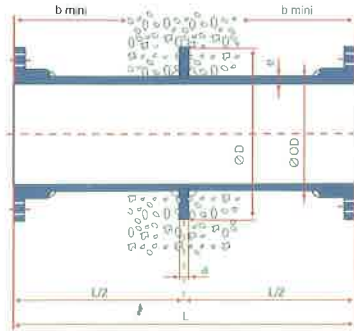
Nominal Diameter DN	Effective Length "L", 250 mm Mass with flange				Effective Length "L", 500mm Mass with flange			
	PN 10 kg	PN 16 kg	PN 25 kg	PN 40 kg	PN 10 kg	PN 16 kg	PN 25 kg	PN 40 kg
80	9.6	9.6	9.8	9.8	12.9	12.9	13.3	13.3
100	11.5	11.5	12.5	12.9	13.4	13.4	16.9	16.9
150	19.0	19.0	21.0	21.0	26.0	26.0	28.0	28.0
200	26.5	26.0	29.0	31.5	36.5	36.0	39.5	42.0
250	40.5	39.5	45.5	63.0	57.0	56.0	62.0	79.0
300	53.0	52.0	59.0	84.0	75.0	73.0	80.0	106.0
350	69.0	71.0	83.0	-	99.0	100.0	112.0	-
400	80.0	88.0	106.0	-	113.0	123.0	141.0	-
500	95.0	122.0	157.0	-	104.0	117.0	138.0	-
600	129.0	178.0	201.0	-	139.0	166.0	215.0	-
700	207.0	170.0	265.0	-	289.0	255.0	350.0	-
800	267.0	223.0	352.0	-	373.0	329.0	458.0	-
900	318.0	264.0	426.0	-	447.0	393.0	556.0	-
1000	395.0	340.0	556.0	-	550.0	495.0	711.0	-
1200	-	-	-	-	549.0	661.0	822.0	-

Above pipes can be supplied with different lengths, also one or more puddles can be made.



穿墙管 / ANCHORING PIPES

(FLANGE SPIGOT WITH PUDDLE & DOUBLE FLANGE WITH PUDDLE)



Nominal Diameter DN	L mm	L1 mm	e mm	OD mm	D mm	a mm	b min mm	c min mm	Mass of short flanged anchoring pipes, with flanges				Mass of flange spigot, with flanges			
									PN 10 kg	PN 16 kg	PN 25 kg	PN 40 kg	PN 10 kg	PN 16 kg	PN 25 kg	PN 40 kg
80	600	700	6.0	98	200	16.0	120	200	17.5	17.5	17.5	17.5	15.7	15.7	15.7	15.7
100	600	700	6.1	118	220	16.0	120	200	21.0	21.0	22.0	22.0	18.9	18.9	19.4	19.4
150	600	700	6.3	170	285	18.0	130	200	33.0	33.0	34.5	38.5	30.0	30.0	30.5	32.5
200	600	700	6.4	222	340	20.0	130	200	44.5	44.6	48.0	58.0	39.5	39.5	41.5	46.0
250	1000	1000	6.8	274	400	20.0	155	300	79.0	80.0	86.0	-	67.0	68.0	71.0	-
300	1000	1000	7.2	326	455	20.5	155	300	104.0	107.0	118.0	-	86.0	88.0	94.0	-
350	1000	1000	7.7	378	505	20.5	170	300	130.0	138.0	154.0	-	109.0	113.0	122.0	-
400	1000	1000	8.1	429	565	20.5	170	300	156.0	167.0	191.0	-	131.0	135.0	147.0	-
500	1000	1000	9.0	532	670	22.5	190	300	213.0	249.0	277.0	-	178.0	193.0	206.0	-
600	1000	1000	9.9	635	780	25.0	200	300	286.0	339.0	354.0	-	237.0	263.0	271.0	-
700	1500	1500	10.8	738	895	27.5	220	300	480.0	586.0	-	-	413.0	481.0	-	-
800	1500	1500	11.7	842	1015	30.0	240	300	610.0	-	-	-	519.0	-	-	-
900	1500	1500	12.6	945	1115	32.5	260	300	621.0	See integral flange spigot anchoring pipe with puddle flange		-	729.0	See integral flanged anchoring pipes with puddle flange		-
1000	1500	1500	13.5	1048	1230	35.0	300	300	745.0	See integral flange spigot anchoring pipe with puddle flange		-	880.0	See integral flanged anchoring pipes with puddle flange		-

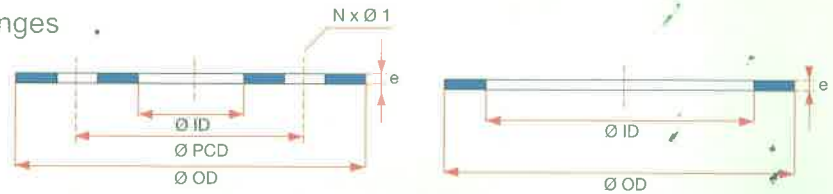
Above pipes can be supplied with different lengths, also one or more puddles can be made.



FIXED FLANGE (PN 25)

Nominal Diameter DN	PN 25 Flange									Bolts	
	D1	D2	D3	DE	c	f	S	R	d	size	n
80	200	160	132	98	19.0	3	15.0	6	19	M16	8
100	235	190	156	118	19.0	3	15.0	6	23	M20	8
150	300	250	211	170	20.0	3	16.0	8	28	M24	8
200	360	310	274	222	22.0	3	17.5	8	28	M24	12
250	425	370	330	274	24.5	3	19.5	10	31	M27	12
300	485	430	389	326	27.5	4	22.0	10	31	M27	16
350	555	490	448	378	30.0	4	24.0	10	34	M30	16
400	620	550	503	429	32.0	4	25.5	10	37	M33	16
450	670	600	548	480	34.5	4	27.5	12	37	M33	20
500	730	660	609	532	36.5	4	29.0	12	37	M33	20
600	845	770	720	635	42.0	5	33.5	12	40	M36	20
700	960	875	820	738	46.5	5	32.5	16	43	M39	24
800	1085	990	928	842	51.0	5	35.5	16	49	M45	24
900	1185	1090	1028	945	55.5	5	39.0	16	49	M45	28
1000	1320	1210	1140	1048	60.0	5	42.0	16	56	M52	28
1100	1420	1310	1240	1152	64.5	5	45.0	20	56	M52	32
1200	1530	1420	1350	1255	69.0	5	48.5	20	56	M52	32
1400	1755	1640	1560	1462	74.0	5	52.0	20	62	M56	36
1600	1975	1860	1780	1668	81.0	5	56.5	20	62	M56	40
1800	2195	2070	1985	1875	88.0	5	61.5	20	70	M64	44
2000	2425	2300	2210	2082	95.0	5	66.5	20	70	M64	48

法兰平垫 / Gaskets for Flanges

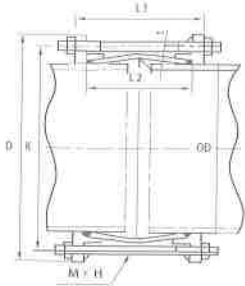


Nominal Diameter DN	Thickness mm	Half Face PN 10 & PN 16		Full Face PN 10					Full Face PN 16				
		ID mm	OD mm	ID mm	PCD mm	OD mm	N nos	d1 mm	ID mm	PCD mm	OD mm	N nos	d1 mm
80	3.0	85.0	132.0	85.0	160.0	200.0	8	19.0	85.0	160.0	200.0	8	19.0
100	3.0	105.0	156.0	105.0	180.0	220.0	8	19.0	105.0	180.0	220.0	8	19.0
125	3.0	124.0	184.0	124.0	210.0	250.0	8	19.0	124.0	210.0	250.0	8	19.0
150	3.0	155.0	211.0	155.0	240.0	285.0	8	23.0	155.0	240.0	285.0	8	23.0
200	3.0	205.0	266.0	205.0	295.0	340.0	8	23.0	205.0	295.0	340.0	8	23.0
250	3.0	255.0	319.0	255.0	350.0	400.0	12	23.0	255.0	355.0	400.0	12	28.0
300	3.0	305.0	370.0	305.0	400.0	455.0	12	23.0	305.0	410.0	455.0	12	28.0
350	5.0	355.0	429.0	355.0	460.0	505.0	16	23.0	355.0	470.0	520.0	16	28.0
400	5.0	410.0	480.0	410.0	515.0	565.0	16	28.0	410.0	525.0	580.0	16	31.0
450	5.0	452.0	544.0	452.0	565.0	615.0	20	28.0	452.0	585.0	640.0	20	31.0
500	5.0	510.0	609.0	510.0	620.0	670.0	20	28.0	510.0	650.0	715.0	20	34.0
600	5.0	610.0	720.0	610.0	725.0	780.0	20	31.0	610.0	770.0	840.0	20	37.0
700	6.0	716.0	794.0	716.0	840.0	895.0	24	31.0	716.0	840.0	910.0	24	37.0
800	6.0	807.0	901.0	807.0	950.0	1015.0	24	34.0	807.0	950.0	1025.0	24	40.0
900	6.0	907.0	1001.0	907.0	1050.0	1115.0	28	34.0	907.0	1050.0	1125.0	28	40.0
1000	6.0	1009.0	1112.0	1009.0	1160.0	1230.0	28	37.0	1009.0	1170.0	1255.0	28	43.0
1100	6.0	1110.0	1215.0	1110.0	1270.0	1340.0	32	37.0	1110.0	1270.0	1355.0	32	43.0
1200	6.0	1212.0	1328.0	1212.0	1380.0	1455.0	32	40.0	1212.0	1390.0	1485.0	32	49.0
1400	6.0	1409.0	1530.0	1409.0	1590.0	1675.0	36	43.0	1409.0	1590.0	1685.0	36	49.0
1500	6.0	1511.0	1640.0	1511.0	1700.0	1785.0	36	43.0	1511.0	1710.0	1820.0	36	56.0
1600	6.0	1612.0	1750.0	1612.0	1820.0	1915.0	40	49.0	1612.0	1820.0	1930.0	40	56.0
1800	6.0	1815.0	1950.0	1815.0	2020.0	2115.0	44	49.0	1815.0	2020.0	2130.0	44	56.0
2000	6.0	2019.0	2150.0	2019.0	2230.0	2325.0	48	49.0	2019.0	2230.0	2345.0	48	62.0
2200	6.0	2215.0	2370.0	2215.0	2440.0	2550.0	52	56.0	2215.0	2440.0	2555.0	52	62.0
2400	6.0	2418.0	2570.0	2418.0	2650.0	2750.0	56	56.0	2418.0	2650.0	2765.0	56	62.0
2600	6.0	2622.0	2780.0	2622.0	2850.0	2960.0	60	56.0	2622.0	2850.0	2965.0	60	62.0

6 接头 / COUPLING AND ADAPTOR

6.1 接头 / Couplings

标准接头 / Universal Coupling

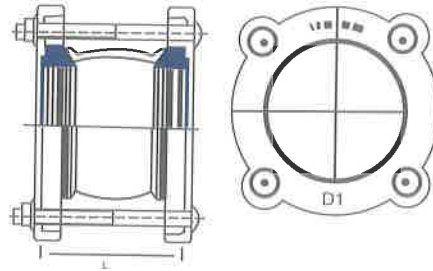


Material pefication

PIPE	① Ductile Iron	BS 2789 Grade 420/12
GLAND	② Ductile Iron	BS 2789 Grade 420/12
BARREL	③ Steel	BS 2789 Grade 420/12
SEALING RUBBER	④ EPDM	BS 2494 -Type W
STUD	⑤ Stainless Steel Bolts, Nuts & Washers	
COATING	Fusion Bonded Epoxy 250 m Thickness	
TORQUE	M12 Bolts (55 - 65 Nm) M16 Bolt (95 -105 Nm)	

Size	OD Range	L mm	Bolts	No.
DN 80	088 - 103	102	M12 x 102	4
DN 100	108 - 128	102	M12 x 102	4
DN 125	132 - 146	102	M12 x 110	4
DN 150	158 - 181	102	M12 x 165	4
DN 175	192 - 209	102	M12 x 165	4
DN 200	218 - 235	102	M12 x 165	6
DN 225	250 - 267	102	M12 x 165	6
DN 250	262 - 289	102	M12 x 165	6
DN 300	315 - 332	102	M12 x 165	6
DN 300	322 - 339	102	M12 x 165	6
DN 300	340 - 360	102	M12 x 165	6
DN 350	351 - 368	152	M16 x 240	8
DN 350	374 - 391	152	M16 x 240	8
DN 400	400 - 429	152	M16 x 240	8
DN 400	404 - 429	152	M16 x 240	8
DN 400	425 - 442	152	M16 x 240	8
DN 450	455 - 472	152	M16 x 240	10
DN 450	476 - 493	152	M16 x 240	10
DN 500	500 - 532	152	M16 x 240	10
DN 500	527 - 544	152	M16 x 240	10
DN 500	555 - 572	152	M16 x 240	10
DN 500	566 - 583	152	M16 x 240	10
DN 500	582 - 599	152	M16 x 240	10
DN 600	600 - 630	152	M16 x 240	12
DN 600	630 - 647	152	M16 x 240	12
DN 600	645 - 679	152	M16 x 240	12
DN 600	662 - 679	152	M16 x 240	12
DN 600	675 - 692	152	M16 x 240	12

柔性接头 / Flexible Coupling



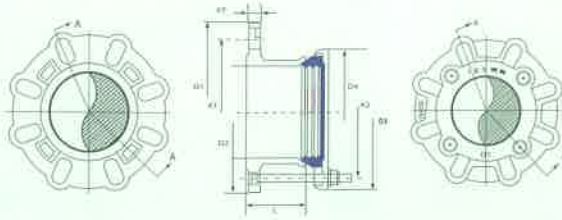
*Material Specification

PPE	① Ductile Iron	BS 2789 Grade 420/12
GLAND	② Ductile Iron	BS 2789 Grade 420/12
BARREL	③ Ductile Iron	BS 2789 Grade 420/12
SEALING RUBBER	④ EPDM	BS 2494 -Type W
STUD	⑤ Stainless Steel Bolts Nuts & Washers	
COATING	Fusion Bonded Epoxy 250 m Thickness	
TORQUE	M12 Bolts (55 - 65 Nm) M16 Bolt (95 -105 Nm)	

DN	D	K	OD	L1	L2	t	M	N
80	180	152	98 +2.1	178	102	7.0	12	4
100	202	174	118 +2.2	178	102	7.5	12	4
150	257	230	170 +2.3	178	102	8.0	12	6
200	310	282	222 +2.4	178	102	8.5	12	6
250	363	336	274 +2.5	178	102	9.0	12	6
300	390	360	326 +2.6	178	102	10.0	12	6
350	484	450	378 +2.7	262	152	10.5	16	8
400	540	505	429 +2.8	262	152	11.0	16	8
450	588	554	480 +2.9	262	152	11.5	16	10
500	652	612	532 +3.0	262	152	12.0	16	10
600	751	715	635 +3.2	262	152	13.5	16	12
700	860	820	738 +3.4	262	152	14.5	16	12
800	965	925	842 +1.0	262	152	16.0	16	14
900	1065	1026	945 +1.0	278	178	17.0	16	16
1000	1180	1140	1048 +1.0	278	178	18.0	16	16
1100	1287	1245	1152 +1.0	290	178	19.5	16	20
1200	1400	1353	1255 +1.0	290	178	20.5	16	22
1400	1622	1570	1462 +1.0	290	178	23.0	16	24
1500	1728	1675	1565 +1.0	290	178	24.0	16	26
1600	1833	1780	1668 +1.0	290	178	25.5	16	28
1800	2060	2000	1875 +1.0	437	254	28.0	16	32
2000	2258	2200	2082 +1.0	437	254	30.0	16	36

6.2 法兰接头 / Flange Adaptors

标准法兰接头 / Universal Flange Adaptor



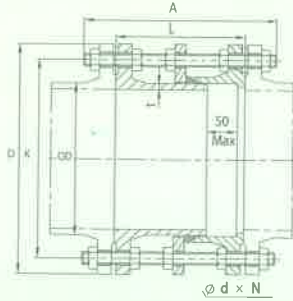
Material Specification

BODY & GLAND	Ductile Iron, GGG50
SEALING RUBBER	EPDM to BS2494
STUD BOLT	Stainless Steel Bolts, Nuts & Washers
COATING	Fusion Bonded Epoxy, 250 Microns
STUD TORQUE	M12 (50 - 55); M16 (95 - 105) M20 (145 - 150)

DN	D2	L	PN10						PN16					
			K1	FT	FL BOLT	N	M x n	K1	FT	FL BOLT	N	M x n		
80	088-103	73	160	16	8	Φ19.0	4	M12 x 102	160	16	8	Φ19.0	4	M12 x 102
100	108-128	76	180	16	8	Φ19.0	4	M12 x 110	180	16	8	Φ19.0	4	M12 x 110
125	132-146	76	210	16	8	Φ19.0	4	M12 x 110	210	16	8	Φ19.0	4	M12 x 110
150	158-181	76	240	16	8	Φ23.0	4	M12 x 110	240	16	8	Φ23.0	4	M12 x 110
175	192-209	76	270	17	8	Φ23.0	4	M12 x 110	270	17	8	Φ23.0	4	M12 x 110
200	218-235	76	295	17	8	Φ23.0	4	M12 x 110	295	17	12	Φ23.0	6	M12 x 110
225	250-267	76	325	20	8	Φ23.0	6	M12 x 120	325	20	12	Φ23.0	6	M12 x 120
250	262-289	90	350	22	12	Φ23.0	6	M12 x 120	355	22	12	Φ28.0	6	M12 x 120
300	315-332	90	400	22	12	Φ23.0	6	M12 x 120	410	22	12	Φ28.0	6	M12 x 120
300	322-339	90	400	22	12	Φ23.0	6	M12 x 120	410	22	12	Φ28.0	6	M12 x 120
300	340-360	90	400	22	12	Φ23.0	6	M12 x 120	410	22	12	Φ28.0	6	M12 x 120
350	351-368	108	460	25	16	Φ23.0	8	M16 x 146	470	25	16	Φ28.0	8	M16 x 146
350	374-391	108	460	25	16	Φ23.0	8	M16 x 146	470	25	16	Φ28.0	8	M16 x 146
400	400-429	108	515	25	16	Φ28.0	8	M16 x 146	525	25	16	Φ31.0	8	M16 x 146
400	404-429	108	515	25	16	Φ28.0	8	M16 x 146	525	25	16	Φ31.0	8	M16 x 146
400	425-442	108	515	25	16	Φ28.0	8	M16 x 146	525	25	16	Φ31.0	8	M16 x 146
450	455-472	108	565	25	20	Φ28.0	10	M16 x 146	585	25	20	Φ31.0	10	M16 x 146
450	476-493	108	565	25	20	Φ28.0	10	M16 x 146	585	25	20	Φ31.0	10	M16 x 146
500	500-532	114	620	26	20	Φ28.0	10	M16 x 152	650	26	20	Φ34.0	10	M16 x 152
500	527-544	114	620	26	20	Φ28.0	10	M16 x 152	650	26	20	Φ34.0	10	M16 x 152
500	555-572	114	620	26	20	Φ28.0	10	M16 x 152	650	26	20	Φ34.0	10	M16 x 152
500	566-583	114	620	26	20	Φ28.0	10	M16 x 152	650	26	20	Φ34.0	10	M16 x 152
500	582-599	114	620	26	20	Φ28.0	10	M16 x 152	650	26	20	Φ34.0	10	M16 x 152
600	600-630	114	725	26	20	Φ31.0	10	M16 x 152	770	26	20	Φ37.0	10	M16 x 152
600	630-647	114	725	26	20	Φ31.0	10	M16 x 152	770	26	20	Φ37.0	10	M16 x 152
600	645-679	114	725	26	20	Φ31.0	10	M16 x 152	770	26	20	Φ37.0	10	M16 x 152
600	662-679	114	725	26	20	Φ31.0	10	M16 x 152	770	26	20	Φ37.0	10	M16 x 152
600	675-692	114	725	26	20	Φ31.0	10	M16 x 152	770	26	20	Φ37.0	10	M16 x 152



6.3 可拆卸接头 / Dismantling Joints



Material Specification

BODY & GLAND	Ductile Iron
SEALING RUBBER	EPDM, BS 2494
STUD BOLT	Stainless Steel Bolts, Nuts & Washers
COATING	Fusion Bonded Epoxy, 250 Microns

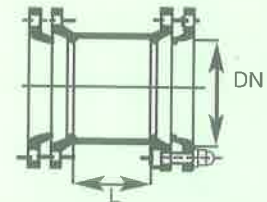
DN	OD	L	A	PN10				PN16				PN25			
				D	K	d	STUDxNOS	D	K	d	STUDxNOS	D	K	d	STUDxNOS
80	98	200	284	200	160	19.0	M16x8	200	160	19.0	M16x8	200	160	19.0	M16x8
100	118	200	284	220	180	19.0	M16x8	220	180	19.0	M16x8	235	190	23.0	M20x8
150	170	200	290	285	240	23.0	M20x8	285	240	23.0	M20x8	300	250	28.0	M24x8
200	222	220	312	340	295	23.0	M20x8	340	240	23.0	M20x12	360	310	28.0	M24x12
250	274	230	332	400	350	23.0	M20x12	400	355	28.0	M24x12	425	370	31.0	M27x12
300	326	260	367	455	400	23.0	M20x12	455	410	28.0	M24x12	485	430	31.0	M27x16
350	378	260	371	505	460	23.0	M20x16	520	470	28.0	M24x16	555	490	34.0	M30x16
400	429	270	390	565	515	28.0	M24x16	580	525	31.0	M27x16	620	550	37.0	M33x16
450	480	270	394	615	565	28.0	M24x20	640	585	31.0	M27x20	670	600	37.0	M33x20
500	532	280	411	670	620	28.0	M24x20	715	650	34.0	M30x20	730	660	37.0	M33x20
600	635	300	444	780	725	31.0	M27x20	840	770	37.0	M33x20	845	770	40.0	M36x20
700	738	300	451	895	840	31.0	M27x24	910	840	37.0	M33x24	960	875	43.0	M39x24
800	842	320	484	1015	950	34.0	M30x24	1025	950	40.0	M36x24	1085	990	49.0	M45x24
900	945	320	491	1115	1050	34.0	M30x28	1125	1050	40.0	M36x28	1185	1090	49.0	M45x28
1000	1048	340	522	1230	1160	37.0	M33x28	1255	1170	43.0	M39x28	1320	1210	56.0	M52x28
1100	1125	350	539	1340	1270	37.0	M33x32	1355	1270	43.0	M39x32	1420	1310	56.0	M52x32
1200	1255	370	576	1455	1380	40.0	M36x32	1458	1390	49.0	M45x32	1530	1420	56.0	M52x32
1400	1462	380	592	1675	1590	43.0	M39x36	1685	1590	49.0	M45x36	1755	1640	62.0	M56x36
1500	1565	410	639	1785	1700	43.0	M39x36	1820	1710	56.0	M52x36	-	-	-	-
1600	1668	410	644	1915	1820	49.0	M45x40	1930	1820	56.0	M52x40	-	-	-	-
1800	1875	440	684	2115	2020	49.0	M45x44	2130	2020	56.0	M52x44	-	-	-	-
2000	2082	460	720	2325	2230	49.0	M45x48	2345	2230	62.0	M56x48	-	-	-	-
2100	2164	480	790	2430	2335	49.0	M45x52	2450	2335	62.0	M56x52	-	-	-	-
2200	2268	500	820	2550	2440	56.0	M52x52	2555	2440	62.0	M56x52	-	-	-	-

6.4 套管 / Collars

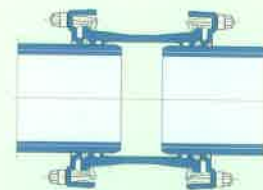
COLLARS (EXPRESS AND/OR M.J. TYPE JOINT)



Nominal Diameter DN	L mm	L1 mm	Mass kg	Nominal Diameter DN	L mm	L1 mm	Mass kg
80	158	328	8.8	900	240	-	282.0
100	160	334	10.8	1000	250	-	349.0
150	165	351	16.7	1100	260	-	465.8
200	170	368	23.5	1200	270	-	560.0
250	175	351	31.5	1400	340	-	816.0
300	180	360	40.5	1500	350	-	829.0
350	185	405	55.0	1600	360	-	1094.0
400	190	410	67.0	1800	380	-	1427.0
500	200	440	100.0	2000	400	-	1818.0
600	210	450	131.0	2200	420	-	2272.0
700	220	500	183.0	2400	440	-	2794.0
800	230	510	226.0	2600	460	-	3390.0



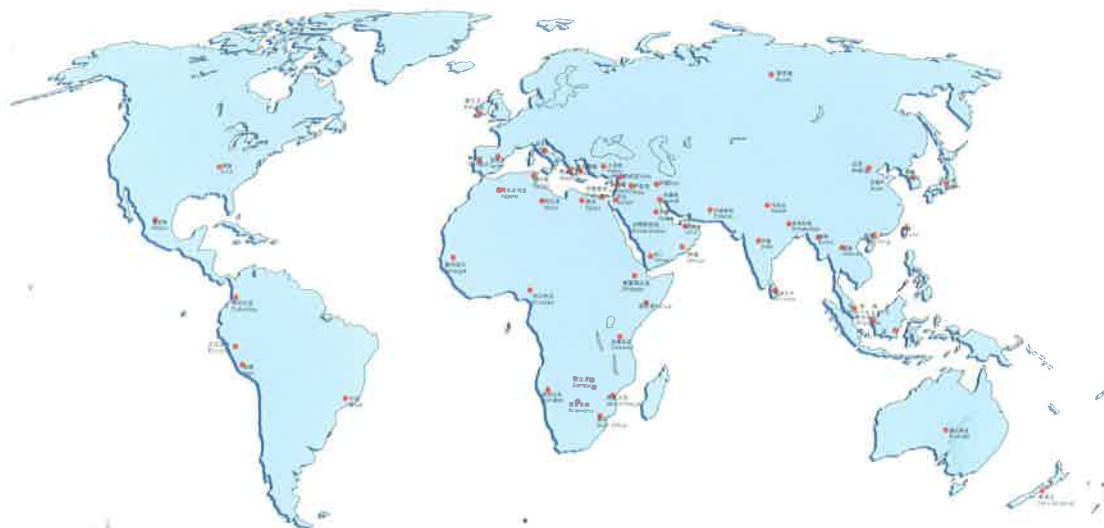
Collars ≥ DN 700 mm



Collars ≤ DN 600 mm

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