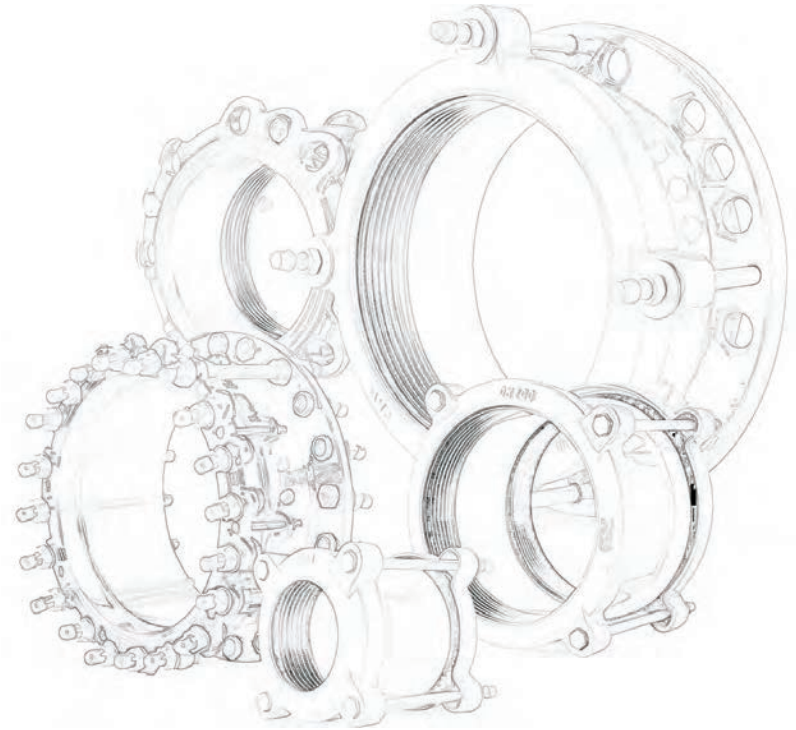
管 / 道 / 连 / 接 / 专 / 家
CONNECTION FLEXIBLE

CONFLEX



北京铸信绿洲科技有限公司
BEIJING FINECAST GREEN TECHNOLOGY LTD

CONFLEX

管 道 连 接 专 家

CONNECTION FLEXIBLE

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企业简介
INTRODUCTION



Conflex是一家专业生产各种类型工业管道连接和维修产品的公司，拥有超过15年的历史。优质高效的服务保证了工程公司的快速安装和维修，服务客户涉及供水和排水公司、供暖公司、天然气公司、石油公司和化工公司等，业务范围包括第一次设计施工产品供应以及在运行管道带压开孔接分支管，管道渗漏、破损、断裂不停压快速抢修等，产品可匹配管材涉及各种口径的球墨铸铁管、灰铁管、PE管、PVC管、碳钢管、不锈钢管等主干管道以及分支管道。公司通过ISO9001质量体系、ISO14000环境管理体系和ISO18000职业健康管理体系认证。

Conflex joints specialized in the manufacturing of various types of industrial pipeline connection and maintenance products, such as flange adaptor, coupling and dismantling joints, with a history of over 15 years.

Conflex are authenticated with ISO9001, ISO14000, and ISO18000 certificates.

High quality and efficient services ensure the rapid installation and maintenance of engineering companies, serving customers including water supply and drainage, heating, natural gas, oil and chemical companies etc.

Our business scope includes the supply of new design and construction joints, as well as the rapid repair of pipeline leaks, damages, and fractures under pressure. The products can be matched with various diameters of ductile iron pipes, gray iron pipes, PE pipes, PVC pipes, carbon steel pipes, stainless steel pipes and other main and branch pipelines.

Conflex位于中国美丽富饶的辽宁营口，辽东半岛中部，西临渤海湾。公司生产各种管道用连接件，拥有专业的研发队伍，在国际管道领域久负盛名，为满足市场需求，我们认真倾听客户诉求，广泛收集市场信息，不断消除产品设计缺陷研发新产品提高产品适配性与应用范围，目前产品款型已多达500多种，铸造工艺包括粘土砂、成型砂、自动成型线、消失模等多种工艺。“满足客户的需求，成为全球最专业的管道连接服务商”是Conflex的企业愿景，为保证出口产品质量，多年与国际第三方检测机构合作，如SGS，BV，熟悉产品国际标准，擅长进出口操作规程。我们的技术支援与售后服务人员定期要到生产基地进行学习实践，了解产品的性能用途与使用才能为客户提供更好的售前技术答疑、售中技术支持、售后技术服务。

Conflex is located in Yingkou, Liaoning Province, China, in the central part of the Liaodong Peninsula, with the Bohai Bay to the west. The company produces various pipeline joints and has a professional R&D team, which is well-known in the international pipeline field. In order to meet market demand, we focus on customer demands, collect market information extensively, continuously eliminate product design defects, and develop new products to improve product adaptability and application scope.

Currently, we have more than 500 types of products, casting processes include clay sand, molding sand. Various processes such as automatic molding lines and lost foam molds.

Conflex's vision is to meet the needs of customers and become the world's most professional pipeline connection service provider.

To ensure the quality of exported products, Conflex has been cooperating with international third-party testing agencies for many years, such SGS, BV, familiar with international product standards, and proficient in import and export operating procedures.

Our technical support and after-sales service personnel regularly go to the production base for learning and practice, to understand the performance, purpose, and use of the product, in order to provide customers with better pre-sales technical communication, in sales and after-sales technical services.









质检、认证与装运
QUALITY INSPECTION, CERTIFICATION AND SHIPMENT

质 量 检 验 INSPECTION SYSTEM

公司拥有自己的铸造、喷涂车间，高效的生产团队，标准化的生产流程，快速的交货，以及国家级认证实验室，每一个零件都原装包装，确保产品的绝对质量，从源头上保证产品质量，产品可以提供三年质保，让海内外客户在现场实现无忧安装。

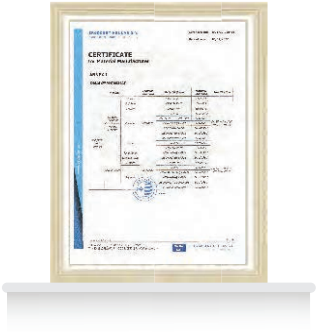
The company has its own casting and spraying workshop, efficient production team, standardized production process, fast delivery, and national certification laboratory. Each part has original package to ensure product quality. The product can provide a three–year warranty, allowing customers achieve free installation on site all over the world.

认 证 CERTIFICATION

紧跟世界潮流，为用户提供一流质量的产品

Keep up with world trends，To provide users with the first–class quality products





1 生产 PRODUCE

从铁水冶炼、制模浇铸到打磨抛光实现全自动生产，保证产品材质质量，尺寸精准可控，提高生产效率。

Fully automated production is achieved from molten iron, mold casting to polishing, ensuring the quality of materials, controllable precise dimensions with high efficiency.



2 认证 AUTHENTICATION

全自动涂衬流水线，产品符合WRAS饮用水认证。
蓝色、红色、黑色环氧粉末涂层平均检测厚度不小于250微米。表面处理充分，高强的附着力可接受破坏性试验以及静电测漏检测。

Automatic lining & coating，products comply with WRAS certification.The average detection thickness of blue, red, and black epoxy powder coatings shall not be less than 250 microns. The surface treatment is sufficient, and the high–strength adhesion is acceptable for destructive testing and electrostatic leakage testing.



3 检验 TEST

从原料、生产过程、成品到装运前检验，实现100%产品质量把控。多次配合国际知名第三方检验机构例如SGS/TUV/BV的检验。

From raw materials, production process, finished products to pre shipment inspection, achieve 100% product quality control. Multiple collaborations with internationally renowned third–party inspection agencies such as SGS /TUV/BV for inspections.



4 包装 PACKAGE

产品采用托盘缠膜包装、框架箱缠膜包装、木箱包装等，均符合国际海运熏蒸要求，保障产品在颠簸路段运输依然完好无损。

The product adopts pallet wrapped film packaging, frame box wrapped film packaging, wooden box packaging, etc., all of which comply with international sea fumigation requirements, ensuring that the product remains intact during transportation on bumpy roads.



5 运输 TRANSPORTATION

有专业的装箱队伍，适用于国际海陆联运，保障产品安全抵达用户手中。

With a professional loading team which is suitable for international land & sea intermodal transportation to ensure the safe delivery of products to end users.



企业项目

PROJECT



马拉维北部水务局恩卡塔贝项目

NRWB Nkhata Bay Project, Malawi

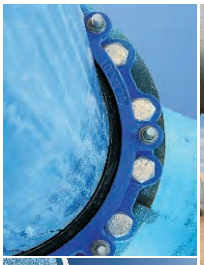


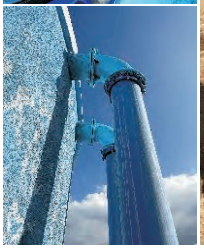


埃塞俄比亚吉吉加供水项目

Jijiga Water Supply Project, Ethiopia







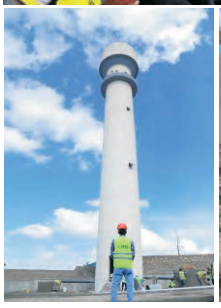


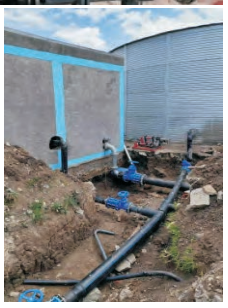
埃塞俄比亚德格哈布尔大学供水项目

Debrebrhan University Water Supply Project, Ethiopia









马拉维北部水务局卡隆加镇供水系统改造、升级和扩建工程

Rehabilitation/Upgrading/Extension Work For Karonga Town Water Supply System, Malawi






埃塞俄比亚亚吉铁路阿瓦什站区项目

Adddis Ababa–Djibouti Railway Awash Station Project, Ethiopia








马拉维市中心肯尼亚塔道路迁移项目

Kenyatta Road Relocation Project In Central, Malawi







赞比亚卡夫拉夫塔供水项目

Kafrafuta Water Supply Project, Zambia







PITOLGANJ至孟加拉国KAD的FET–A1机场地下石油管道、储罐施工项目

Construction of FET–A1 underground oil pipeline and storage tank from PITOLGANJ to KAD, Bangladesh





法兰接头

FLANGE ADAPTOR

广范围法兰接头
UNIVERSAL FLANGE ADAPTOR



DN40–DN400

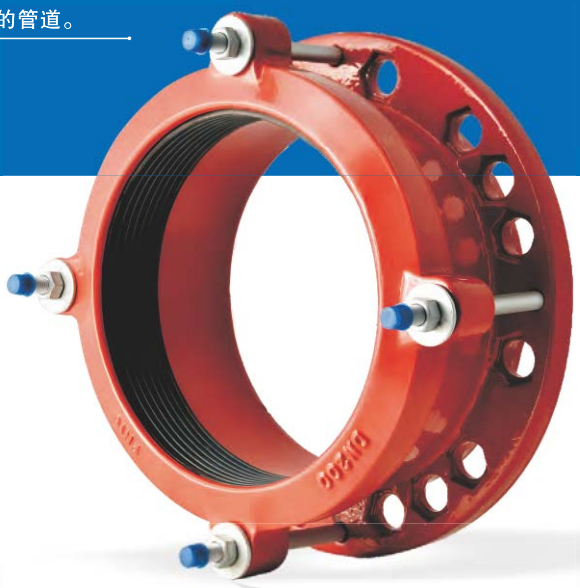
Universal flange adaptor represents the latest mechanical coupling technology for connecting a variety diameter pipe to save the installation time, install easily and remove conveniently. It is suitable for pipeline which one end is flange and the other end is socket.

广范围法兰适配器代表了最新的机械连接技术，适用于连接各种直径的管道，可以节省安装时间，易于安装和拆卸。适用于一端为法兰，另一端为插口的管道。

Special design is allowable, welcome to contact us.

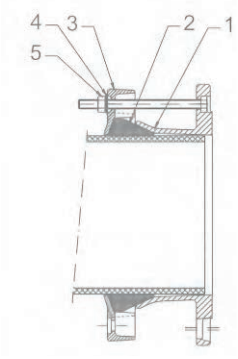
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产品描述 PRODUCT DESCRIPTION

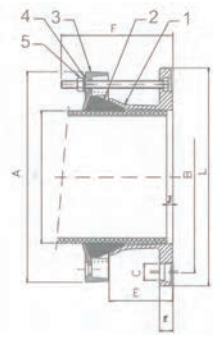
Part No.	Part Name	Material	Standard
1	Flange Pipe	GGG50	EN1563
2	Rubber Gasket	EPDM/SBR/NBR	ISO4633
3	Gland Flange	GGG50	EN1563
4	Bolts&Nuts	Carbon Steel 6.8/8.8, SS, Dacromet	ISO898
5	Finish Layer	Fusion Bond Epoxy etc.	EN14901

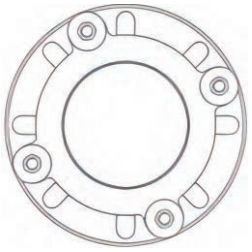
Briefs & Features	
1	Suitable for steel, iron, plastic pipes, wide range of pipe diameters.
2	Working pressure PN10/PN16/PN25.
3	Maximum temperature –10℃ to+70℃.
4	Suitable for potable water (WRAS approved), neutral liquids and sewage. Corrosion resistant structure.
5	Total angle deviation is +/– 6 degree.

Complying Standard	
Flange drilling	EN1092–2, EN1092–1, ANSI
Coating	EN30677
Test	EN12266–1

数据表 DATA SHEET







UNIVERSAL FLANGE ADAPTOR

No.	PN	REF	REF	D1 (min)	D1 (max)	L	F	B	C	E	F	A	J(min)	J(max)	BOLTS
F00-A	16	40/50	1.5"-2"	47	60	155	16	100/125	19	75	140	169	10	45	M12*130-90
F00	16	50/65	2"-2 1/2"	57	72	194	19	114/147	19	85	140	195	10	55	M12*130-90
F01	16	DN65	2 1/2"	68	85	207	19	125/160	19	85	140	207	15	55	M12*130-90
F02	16	DN80/100	3"	84	106	224	19	146/190	19	85	140	224	10	55	M12*130-90
F03	16	DN100/125	4"	103	116	250	21	178/216	19	85	140	250	10	55	M12*130-90
F04	16	DN100/125	4"	108	130	250	21	178-216	19	85	150	250	10	55	M12*140-90
F05	16	DN125/150	5"	28	146	286	21	210/242	22	85	150	276	10	55	M12*140-90
F06	16	DN125/150	5"	134	154	286	21	210/242	22	85	150	276	10	55	M12*140-90
F07	16	DN150/175/200	6"-7"-8"	153	175	340	21	237/298	23	85	150	304	10	55	M12*140-90
F08	16	DN150/175/200	6"-7"-8"	165	185	340	21	237-298	23	85	150	304	10	55	M12*140-90
F09	16	DN200	8"	184	207	342	21	290-301	23	100	170	330	10	70	M12*160-90
F10	16	DN200	8"	208	225	348	21	295-301	23	100	170	348	10	70	M12*160-90
F10-A	16	DN200	8"	218	236	348	23	295	23	100	170	359	15	70	M12*160-90
F11	16	DN200	8"	222	250	370	23	295	23	100	170	373	28	70	M12*160-90
F11-A	16	DN250	10"	246	270	406	22	350/364	27	110	170	394	10	80	M12*160-90
F12	16	DN250	10"	264	284	406	22	350-364	27	100	170	407	10	70	M12*160-90
F12-A	16	DN250	10"	282	306	435	22	355	26	111	190	433	28	80	M12*180-90
F13	16	DN300	12"	305	326	482	24	400/434	27	100	170	459	10	70	M12*160-90
F13-A	16	DN300	12"	315	335	482	24	400-434	27	110	170	463	10	80	M12*160-90
F13-B	16	DN300	12"	334	355	482	24	405/440	27	185	260	483	83	155	M12*250-130
F14	16	DN350	14"	360	386	533	24	460-479	27	100	190	510	10	70	M12*180-90
F14-A	16	DN400	16"	386	410	596	24	515/542	30	100	190	559	10	80	M12*180-90
F15	16	DN400	16"	408	435	596	24	515-542	30	100	190	559	10	70	M12*180-90

IF ABOVE DN400 PLS CONSULT BY EMAIL.

自锚式广范围法兰补偿接头
RESTRAINED UNIVERSAL FLANGE ADAPTOR

DN50–DN300

Restricted universal flange adaptor is suitable for connecting pipes made of ductile iron, steel, PVC, PE, Stainless steel, AC etc; mechanical locking by means of metal inserts in order to avoid pipe's axial movement.
自锚式广范围法兰补偿接头适用于球墨铸铁、钢制、PVC、PE、不锈钢、AC等材质管道的连接;通过金属嵌件进行机械锁定，以避免管道的轴向运动。

Special design is allowable, welcome to contact us.
接受特殊设计，欢迎联系我们。





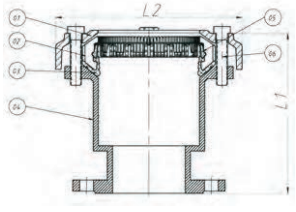
产品描述 PRODUCT DESCRIPTION

Part No.	Part Name	Material	Standard
1	Flange Pipe	GGG50	EN1563
2	Rubber Gasket	EPDM/SBR/NBR	ISO4633
3	Gland Flange	GGG50	EN1563
4	Bolts&Nuts	Carbon Steel 6.8/8.8, SS, Dacromet	ISO898
5	Finish Layer	Fusion Bond Epoxy etc.	EN14901

Briefs & Features	
1	Suitable for steel, iron, plastic pipes, wide range of pipe diameters.
2	Working pressure PN10/PN16.
3	Maximum temperature –10℃ to+70℃.
4	Suitable for potable water (WRAS approved), neutral liquids and sewage. Corrosion resistant structure.
5	Total angle deviation is +/– 4 degree.

Complying Standard	
Flange drilling	EN1092–2, EN1092–1, ANSI
Coating	EN30677
Test	EN12266–1

数据表 DATA SHEET



DN	OD	L1	L2
DN50	46–70	170	187
DN65	70–95	195	212
DN80	88– 123	215	240
DN100	108– 143	225	260
DN125	133– 168	225	285
DN150	159– 194	225	311
DN200	200–235	245	370
DN250	250–285	265	420
DN300	315–350	275	485

万能连接器
UNIVERSAL CONNECTOR

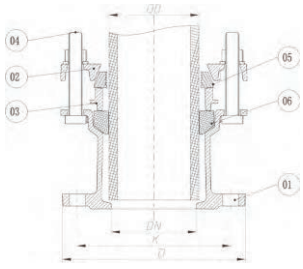
DN50–DN1000

Universal Connector is suitable for connecting pipes made of ductile iron, steel, PVC, PE, Stainless steel, AC etc.
万能连接器适用于球墨铸铁、钢制、PVC、PE、不锈钢、AC等材质管道的连接。

Special design is allowable, welcome to contact us.
接受特殊设计，欢迎联系我们。







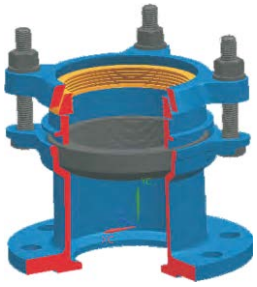
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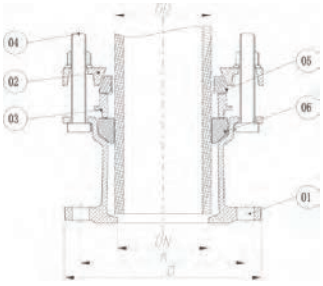
Part No.	Part Name	Material	Standard
1	Flange Pipe	GGG50	EN1563
2	Rubber Gasket	EPDM/SBR/NBR	ISO4633
3	Gland Flange	GGG50	EN1563
4	Bolts&Nuts	Carbon Steel 6.8/8.8, SS, Dacromet	ISO898
5	Finish Layer	Fusion Bond Epoxy etc.	EN14901

Briefs & Features	
1	Suitable for steel, iron, plastic pipes, wide range of pipe diameters.
2	Working pressure PN10/PN16.
3	Maximum temperature –10℃ to+70℃.
4	Suitable for potable water (WRAS approved), neutral liquids and sewage. Corrosion resistant structure.
5	Total angle deviation is +/– 4 degree.

Complying Standard	
Flange drilling	EN1092–2, EN1092–1, ANSI
Coating	EN30677
Test	EN12266–1

数据表 DATA SHEET





DN	OD			D	K
	DI PIPE	STEEL PIPE	PVC/PE		
50	66	60.3	63	165	125
65	82	76.1	75	185	145
80	98	88.9	90	200	160
100	118	114.3	110	220	180
125	144	139.7	140	250	210
150	170	168.3	160	285	240
200	222	219.1	200	340	295
250	274	273	250	400	355
300	326	323.9	315	455	410
350	378	355.6	355	520	470
400	429	406.4	400	580	525
450	480	457	450	640	585
500	532	508	500	715	650
600	635	610	630	840	770
700	738	711		910	840
800	842	813		1025	950
900	945	914		1125	1050
1000	1048	1016		1255	1170

专接球铁管法兰接头
FLANGE ADAPTOR FOR DI PIPE

DN80–DN2000

Flange adaptor for ductile iron pipe is suitable for pipeline which one end is flange and the other end is socket. We use a new mechanical coupling technology to save the installation time. Install easily and remove conveniently.

专接球铁管法兰接头适用于一端为法兰，另一端为插口的管道。我们采用新的机械耦合技术，产品易于安装和拆卸，大大节省了安装时间。

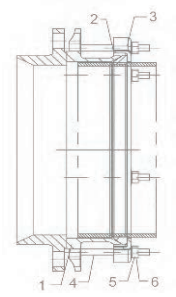
Special design is allowable, welcome to contact us.

接受特殊设计，欢迎联系我们。









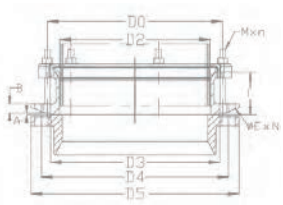
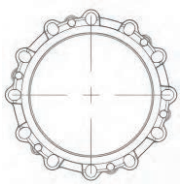
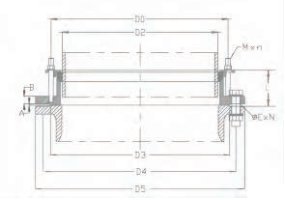
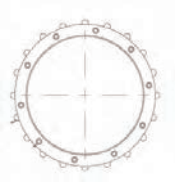
产品描述 PRODUCT DESCRIPTION

Part No.	Part Name	Material	Standard
1	Flange Pipe	GGG50	EN1563
2	Rubber Gasket	EPDM/SBR/NBR	ISO4633
3	Gland Flange	GGG50	EN1563
4	Bolts&Nuts	Carbon Steel 6.8/8.8, SS, Dacromet	ISO898
5	Finish Layer	Fusion Bond Epoxy etc.	EN14901
6	Flanges Drilled		BS EN1092

Briefs & Features	
1	Suitable for iron pipes.
2	Working pressure PN10/PN16/PN25/PN40.
3	Maximum temperature –10℃ to+70℃.
4	Suitable for potable water (WRAS approved), neutral liquids and sewage. Corrosion resistant structure.
5	Total angle deviation is +/– 3 degree.

Complying Standard	
Flange drilling	EN1092–2, EN1092–1, ANSI
Coating	EN30677
Test	EN12266–1

数据表 DATA SHEET

FLANGE ADAPTOR FOR DI PIPE

PN10/16 DN80–DN800

DN	D2	D3	D4	D5	D0	L	A	B	∅E	N	M	n
80	98	132	160	200	157	73	3	16	20	8	12	4
100	118	156	180	220	178	73	3	16	20	8	12	4
125	144	184	210	250	166	76	3	16	20	8	12	4
150	170	211	240	285	236	77	3	16	24	8	12	4
200	222	266	295	340	292	78	3	17	24	12	12	6
250	274	319	350	400	341	92	3	19	29	12	12	6
300	326	370	400	455	397	93	4	20.5	29	12	12	6
350	378	429	460	520	460	111	4	22.5	29	16	16	8
400	429	480	515	580	515	112	4	24	32	16	16	8
450	480	544	565	640	580	113	4	26	32	20	16	10
500	532	609	620	715	620	115	4	27.5	35	20	16	10
600	635	720	725	840	715	115	5	31	38	20	16	10
700	738	794	840	910	826	115	5	34.5	38	24	16	12
800	842	901	950	1025	925	115	5	38	41	24	16	12

PN10 DN900–DN2000

DN	D2	D3	D4	D5	D0	L	A	B	∅E	N	M	n
900	945	1001	1050	1150	1026	115	5	32.5	34	28	M16	14
1000	1048	1112	1160	1230	1140	130	5	35	37	28	M16	14
1100	1152	1215	1270	1340	1260	130	5	37.5	37	32	M16	16
1200	1255	1328	1380	1455	1353	130	5	40	40	32	M16	16
1400	1462	1530	1590	1675	1570	130	5	41	43	36	M16	18
1500	1565	1640	1700	1785	1670	180	5	42.5	43	36	M16	18
1600	1668	1750	1820	1915	1790	180	5	44	49	40	M16	20
1800	1875	1950	2020	2115	2020	180	5	50	49	44	M20	22
2000	2082	2150	2230	2325	2230	180	5	55	49	48	M20	24

PN16 DN900–DN2000

DN	D2	D3	D4	D5	D0	L	A	B	∅E	N	M	n
900	945	1001	1050	1125	1026	115	5	41.5	40	28	M16	14
1000	1048	1112	1170	1255	1140	130	5	45	43	28	M16	14
1100	1152	1215	1270	1355	1260	130	5	48.5	43	32	M16	16
1200	1255	1328	1390	1485	1353	130	5	52	49	32	M16	16
1400	1462	1530	1590	1685	1570	130	5	55	49	36	M16	18
1500	1565	1640	1710	1820	1670	180	5	57	56	36	M16	18
1600	1668	1750	1820	1930	1790	180	5	60	56	40	M16	20
1800	1875	1950	2020	2130	2020	180	5	65	56	44	M20	22
2000	2082	2150	2230	2345	2230	180	5	70	62	48	M20	24

PN25 DN80–DN800

DN	D2	D3	D4	D5	D0	L	A	B	∅E	N	M	n
80	98	132	160	200	157	73	3	16	19	8	M12	4
100	118	156	190	235	178	73	3	16	23	8	M12	4
125	144	184	220	270	196	76	3	16	28	8	M12	4
150	170	211	250	300	236	77	3	17	28	8	M12	4
200	222	274	310	360	292	78	3	19	28	12	M12	6
250	274	330	370	425	341	92	3	21.5	31	12	M12	6
300	326	389	430	485	397	111	4	23.5	31	16	M12	8
350	378	448	490	555	460	112	4	26	34	16	M16	8
400	429	503	550	620	515	113	4	28	37	16	M16	8
450	480	548	600	670	580	115	4	30.5	37	16	M16	10
500	532	609	660	730	620	115	4	32.5	37	16	M16	10
600	635	720	770	845	715	115	5	37	40	16	M16	10
700	738	820	875	960	826	115	5	41.5	43	16	M16	12
800	842	928	990	1085	925	115	5	46	49	16	M16	12

PN25 DN900–DN2000

DN	D2	D3	D4	D5	D0	L	A	B	∅E	N	M	n
900	945	1028	1090	1185	1026	115	5	50.5	49	28	M16	14
1000	1048	1140	1210	1320	1140	130	5	55	56	28	M16	14
1100	1152	1240	1310	1420	1260	130	5	59.5	56	32	M16	16
1200	1255	1350	1420	1530	1353	130	5	64	56	32	M16	16
1400	1462	1560	1640	1755	1570	130	5	69	62	36	M16	18
1500	1565	1678	1750	1865	1670	180	5	72.5	62	36	M16	18
1600	1668	1780	1860	1975	1790	180	5	76	62	40	M16	20
1800	1875	1985	2070	2195	2020	180	5	83	70	44	M20	22
2000	2082	2210	2300	2425	2230	180	5	90	79	48	M20	24

PN40 DN80–DN600

DN	D2	D3	D4	D5	D0	L	A	B	∅E	N	M	n
80	98	132	160	200	157	73	3	16	19	8	12	4
100	118	156	190	235	178	73	3	16	23	8	12	4
125	144	184	220	270	166	76	3	20.5	28	8	12	4
150	170	211	250	300	236	77	3	23	28	8	12	4
200	222	284	320	375	292	78	3	27	31	12	12	6
250	274	345	385	450	341	92	3	31.5	34	12	12	6
300	326	409	450	515	397	93	4	35.5	34	12	12	8
350	378	465	510	580	460	111	4	40	37	16	16	8
400	429	535	585	660	515	112	4	44	40	16	16	8
450	480	560	610	685	580	113	4	45	40	20	16	10
500	532	615	670	755	620	115	4	48	43	20	16	10
600	635	735	795	890	715	115	5	53	49	20	16	10

专接塑料管法兰接头
FLANGE ADAPTOR FOR HDPE/PVC PIPE

数据表 DATA SHEET

REF	DN	∅	∅D	∅D	n° × ∅D	L	A	O	∅P	n° × t
2800	50	60.3	165	125	4 × 18	60	78	126	102	2–M10 × 40
2800–A	50	63	165	125	4 × 18	60	78	129	105	2–M10 x40
2801	60	63	175	135	4 × 18	60	78	129	105	2–M10 x40
2801–A	60	75	175	135	4 × 18	60	78	142	118	4–M10 x40
2802	65	75	185	145	4 × 18	60	78	142	118	4–M10 x40
2803	80	90	200	160	8 × 18	65	83	157	133	4–M10 × 40
2804	100	110	220	180	8 × 18	65	83	177	153	4–M10 x40
2804–A	100	125	220	180	8 × 18	70	88	192	168	4–M10 × 40
2805	125	125	250	210	8 × 18	70	88	192	168	4–M10 × 40
2805–A	125	140	250	210	8 × 18	75	98	229	195	4–M12 × 50
2806	150	160	285	240	8 × 23	85	108	249	215	4–M12 × 50
2806–A	150	180	285	240	8 × 23	95	118	269	235	4–M12 × 50
2807	200	200	340	295	8/12 × 23	105	128	289	255	6–M12 × 50
2807–A	200	225	340	295	8/12 × 23	115	138	314	280	6–M12 × 50
2808	250	250	405	355	12 × 28	125	148	339	305	6–M12 × 50
2808–A	250	280	405	355	12 × 28	135	158	369	335	6–M12 × 50
2809	300	315	460	407	12 × 30	145	168	407	373	6–M12 × 50

专接塑料管法兰接头
FLANGE ADAPTOR FOR HDPE/PVC PIPE

DN50–DN600

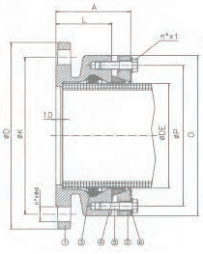
The product is used to connect HDPE/PVC pipe with metal pipe or valve, flowmeter, pressure gauge and other auxiliary equipment. The sealing method adopts socket type, and the dovetail groove design of sealing rubber ring has very good sealing performance, which can meet the sealing pressure of 2.5MPa at most.
该产品用于HDPE/PVC管道与金属管或阀门、流量计、压力表等辅助设备的连接。密封方式采用承插式，密封橡胶圈的燕尾槽设计具有很好的密封性能，最高可满足2.5MPa的密封压力。

Special design is allowable, welcome to contact us.
接受特殊设计，欢迎联系我们。









产品描述 PRODUCT DESCRIPTION

Part No.	Part Name	Material	Standard
1	Flange Pipe	GGG50	EN1563
2	Rubber Gasket	EPDM/SBR/NBR	ISO4633
3	Gland Flange	GGG50	EN1563
4	Bolts&Nuts	Carbon Steel 6.8/8.8, SS, Dacromet	ISO898
5	Finish Layer	Fusion Bond Epoxy etc.	EN14901

Briefs & Features	
1	Connection for pipes in material PE, PVC etc.
2	Working pressure PN10/PN16.
3	Maximum temperature –10℃ to+70℃.
4	Suitable for potable water (WRAS approved), neutral liquids and sewage. Corrosion resistant structure.

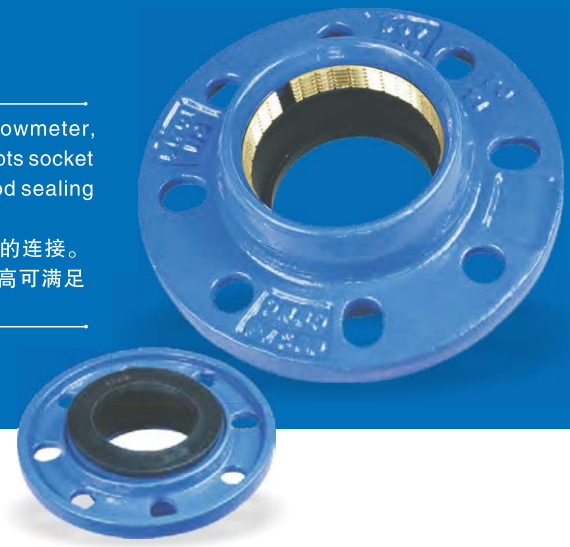
Complying Standard	
Flange drilling	EN1092–2, EN1092–1, ANSI
Coating	EN30677
Test	EN12266–1

专接PE/PVC快速法兰接头
FLANGE QUICK ADAPTOR FOR PE/PVC PIPE

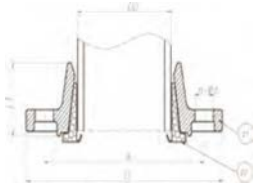
DN50–DN400

The product is used to connect PE/PVC pipe with metal pipe or valve, flowmeter, pressure gauge and other auxiliary equipment. The sealing method adopts socket type, and the dovetail groove design of sealing rubber ring has very good sealing performance, which can meet the sealing pressure of 2.5MPa at most.
该产品用于HDPE/PVC管道与金属管或阀门、流量计、压力表等辅助设备的连接。密封方式采用承插式，密封橡胶圈的燕尾槽设计具有很好的密封性能，最高可满足2.5MPa的密封压力。

Special design is allowable, welcome to contact us.
接受特殊设计，欢迎联系我们。



产品描述 PRODUCT DESCRIPTION



Part No.	Part Name	Material	Standard
1	Flange Pipe	GGG50	EN1563
2	Rubber Gasket	EPDM/SBR/NBR	ISO4633
3	Gland Flange	GGG50	EN1563
4	Bolts&Nuts	Carbon Steel 6.8/8.8, SS, Dacromet	ISO898
5	Finish Layer	Fusion Bond Epoxy etc.	EN14901

Briefs & Features	
1	Connection for pipes in material PE, PVC etc.
2	Working pressure PN10/PN16.
3	Maximum temperature –10℃ to+70℃.
4	Suitable for potable water (WRAS approved), neutral liquids and sewage. Corrosion resistant structure.

Complying Standard	
Flange drilling	EN1092–2, EN1092–1, ANSI
Coating	EN30677
Test	EN12266–1

数据表 DATA SHEET

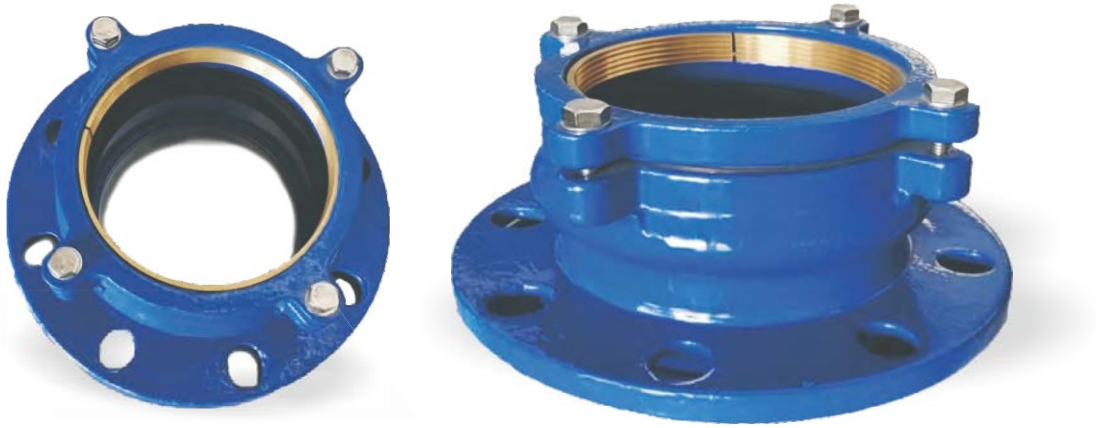
DN	OD	L1	D	K	N–ød
5/6	63	46	165	125	4–19
65	75	50	185	145	4–19
80	90	52	200	160	8–19
100	110	58	220	180	8–19
125	125	60	250	210	8–19
125	140	65	250	210	8–19
150	160	74	285	240	8–23
200	200	76	340	295	12–23
200	225	80	340	295	12–23
250	250	90	400	355	12–28
300	315	100	455	410	12–28
400	400	122	580	525	16–31

专接PE管法兰补偿接头
FLANGE ADJUSTABLE ADAPTOR FOR PE PIPE

DN50–DN600

The product is used to connect PE pipe with metal pipe or valve, flowmeter, pressure gauge and other auxiliary equipment. The sealing method adopts socket type, and the dovetail groove design of sealing rubber ring has very good sealing performance, which can meet the sealing pressure of 2.5MPa at most.
该产品用于PE道与金属管或阀门、流量计、压力表等辅助设备的连接。密封方式采用承插式，密封橡胶圈的燕尾槽设计具有很好的密封性能，最高可满足2.5MPa的密封压力。

Special design is allowable, welcome to contact us.
接受特殊设计，欢迎联系我们。



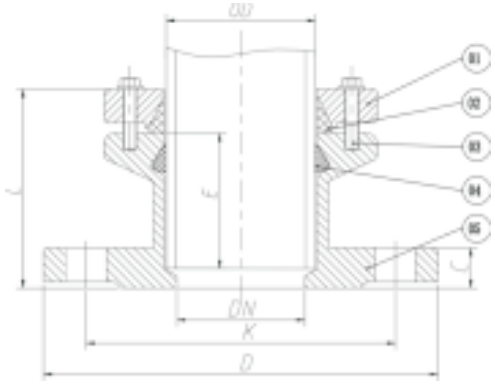
产品描述 PRODUCT DESCRIPTION

Part No.	Part Name	Material	Standard
1	Flange Pipe	GGG50	EN1563
2	Rubber Gasket	EPDM/SBR/NBR	ISO4633
3	Gland Flange	GGG50	EN1563
4	Bolts&Nuts	Carbon Steel 6.8/8.8, SS, Dacromet	ISO898
5	Finish Layer	Fusion Bond Epoxy etc.	EN14901

Briefs & Features	
1	Connection for HDPE pipe.
2	Working pressure PN10/PN16.
3	Maximum temperature –10℃ to+70℃.
4	Suitable for potable water (WRAS approved), neutral liquids and sewage. Corrosion resistant structure.

Complying Standard	
Flange drilling	EN1092–2, EN1092–1, ANSI
Coating	EN30677
Test	EN12266–1

数据表 DATA SHEET



FLANGE ADJUSTABLE ADAPTOR FOR PE PIPE

DN	øpipeA	øD	øK	C	L	E	Bolt	
							Quantity	Thread
50	63	165	125	19	90	80	4	M16
60	63	175	135	19	90	80	4	M16
60	75	175	135	19	92	82	4	M16
65	63	185	145	19	90	80	4	M16
65	75	185	145	19	92	82	4	M16
80	63	200	160	19	90	80	8	M16
80	75	200	160	19	92	82	8	M16
80	90	200	160	19	95	85	8	M16
100	90	220	180	19	95	85	8	M16
100	110	220	180	19	95	85	8	M16
100	125	220	180	19	97	87	8	M16
125	110	250	210	19	95	85	8	M16
125	125	250	210	19	97	87	8	M16
125	140	250	210	19	103	93	8	M16
125	160	250	210	19	145	110	8	M16
150	140	285	240	19	103	93	8	M20
150	160	285	240	19	115	105	8	M20
150	180	285	240	19	125	115	8	M20
200	200	340	295	20	135	125	8	M20
200	225	340	295	20	138	128	8	M20
200	250	340	295	20	225	145	8	M20
250	250	400	350	22	155	145	12	M20
250	280	400	350	22	158	148	12	M20
300	315	455	400	25	184	174	12	M20
300	355	455	400	25	277	237	12	M20
400	400	565	515	25	242	230	16	M24
400	450	565	515	25	302	260	16	M24
500	500	715	620	32	365	346	20	M24
500	560	715	620	32	450	372	20	M24
600	630	840	725	36	459	399	20	M27

产品应用说明 APPLICATION DESCRIPTION

1. The pipe can be cut into different lengths, and pipe connection is changed from a socket pipe to a flange connecting pipe. Install easily and quickly. Using only one torque wrench to tighten high strength bolted connection.

管道可以切割成不同的长度，并且管道连接将从承插管更改为法兰连接管道。
安装方便快捷，仅使用一个扭矩扳手拧紧高强度螺栓既可连接。

2. Wide range of different pipe OD with +/– 3° deviation.
It can be used in the large bending radius pipeline and allowable for the normal movement of the pipe such as ground subsidence.

多种管道外径，+/– 3° 偏差。
可用于弯曲半径大的管道，并允许管道的正常运动（如地面沉降等）。

3. The simplicity and versatility of this product make them suitable for many applications including pumping stations, water purification plants, sewage treatment plants, plat rooms, instrument rooms, power generation equipment, gas stations and all pipelines.

该产品的简单性和多功能性使其适用于许多应用场景，包括泵站、净水厂、污水处理厂、平台室、仪表室、发电设备、加油站和所有管线的安装。

4. Product design and manufacture according to BS, EN, ISO 9001:2008 system and surface anti–corrosion material through the most stringent WRAS certification, so it can be used for drinking water.

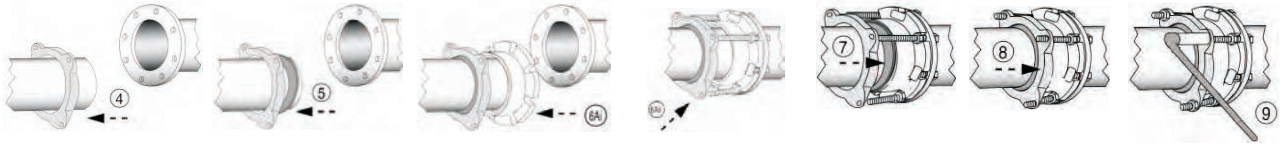
产品设计和制造符合BS、EN、ISO 9001:2008体系，表面防腐材料通过最严格的WRAS认证，可用于饮用水。

5. We provide EPDM, SBR, NBR rubber pad and carbon steel/stainless steel bolts for long term rust protection.

我们提供材质为EPDM、SBR、NBR橡胶垫和碳钢/不锈钢螺栓，用于长期防锈。



安装说明 INSTALLATION MANUEL



1. Check if the product package is damaged during transport and confirm if the product is missing accessories.

检查产品包装在运输过程中是否损坏，确认产品是否缺少配件。

2. Clean the pipe surface of the spigot pipe, and the distance is greater than the length of flange adaptor.

清洁插口管的管子表面，并且距离大于法兰接头的长度。

3. Check the surface of the sealing ring, make sure the sealing ring has no dent, bump and knock, if any, it will affect the sealing performance of the sealing ring, and the sealing ring must be smooth and seamless.

检查密封圈的表面，确保密封圈没有凹痕、磕碰和撞击，如果有，则会影响密封圈的密封性能，密封圈必须光滑、平整、无缝隙。

4. Attach the flange adaptor of the flange to the pipe at one end of the pipe.

在管道一端将法兰接头的法兰端连接到管道上。

5. Apply a special lubricant to the sealing ring and place the sealing trap on the pipe (the end of the bevel of the sealing ring should be in accordance with the direction of the pipe socket).

在密封圈上涂上专用润滑剂，并将密封胶圈套在管道上（密封圈斜面的一端的方向应与管道插口的方向一致）。

6. Installation and connection of flange adaptor
Ⅰ: Slide the flange connection to the end of the pipe and leave the 5mm–10mm clearance at the end of the flange.
Ⅱ: Connect the flange connection to the flange on the pipe and bolt it.

法兰接头的安装和连接
Ⅰ:将法兰连接体滑到管道末端，并在法兰末端留出5mm–10mm的空隙。
Ⅱ:将法兰体与管道上的法兰连接，并用螺栓固定。

7. Check the gap between flange joint mouth and spigot pipe, the gap among the upper and lower left and right should be consistent.

检查法兰接头口与管子插口的外径之间的间隙，上下左右间隙应一致。

8. Press the gland over the rubber and insert the bolt into the bolt hole.

将压兰压住胶圈，然后将螺栓插入螺栓孔。

9. Insert the bolt into the gland hole and tighten the bolt. The bolt shall be tightened alternately. The nut shall be tightened according to the dimension of the bolt and the torque. After piping is pressurized, check if leakage caused by improper installation.

将螺栓插入压兰连接孔并拧紧，螺栓应交替拧紧，根据螺栓的尺寸和扭矩拧紧螺母，在管道加压后，检查是否因安装不当造成泄漏。

柔性接头
COUPLING

广泛围柔性接头
UNIVERSAL COUPLING

DN50–DN400

Universal coupling is suitable for pipeline, both end is socket.We use a new mechanical coupling technology to save the installation time.
Install easily and remove conveniently.
广范围柔性接头适用于两端均为插口的管道。我们采用新的机械耦合技术，产品易于安装和拆卸，大大节省了安装时间。
Universal coupling support different diameter pipes connection, on DI, steel, PE/PVC pipes, etc.
广范围柔性接头支持不同管径的管道连接，适用于球墨铸铁、钢制、PE/PVC等材质管道。

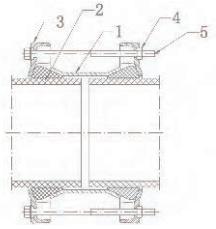
Special design is allowable, welcome to contact us.
接受特殊设计，欢迎联系我们。





产品描述 PRODUCT DESCRIPTION





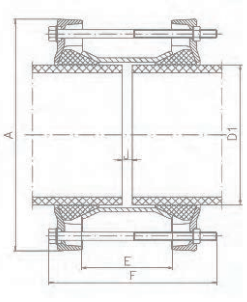
Part No.	Part Name	Material	Standard
1	Sleeve	GGG50	EN1563
2	Rubber Gasket	EPDM/SBR/NBR	ISO4633
3	Gland Flange	GGG50	EN1563
4	Bolts&Nuts	Carbon Steel 6.8/8.8, SS, Dacromet	ISO898
5	Finish Layer	Fusion Bond Epoxy etc.	EN14901

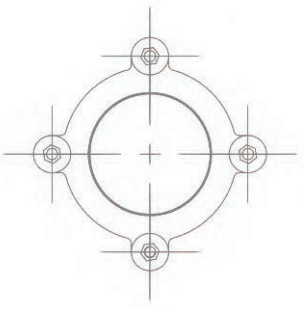
Briefs & Features	
1	Suitable for steel, iron, plastic pipes, wide range of pipe diameters.
2	Working pressure PN10/PN16.
3	Maximum temperature –10℃ to+70℃.
4	Suitable for potable water (WRAS approved), neutral liquids and sewage. Corrosion resistant structure.
5	Total angle deviation is +/– 6 degree.

Complying Standard	
Flange drilling	EN1092–2, EN1092–1, ANSI
Coating	EN30677
Test	EN12266–1

数据表 DATA SHEET







UNIVERSAL COUPLING

PN	REF	D1(min)	D1(max)	E	F	A	J(min)	J(max)	BOLTS
16	DN50	47	60	100	190	169	10	40	M12*180–90
16	DN65	57	72	106	210	195	10	45	M12*200–90
16	DN65	68	85	106	210	207	10	45	M12*200–90
16	DN80	84	106	106	210	224	10	45	M12*200–90
16	DN100	103	116	106	210	250	10	45	M12*200–90
16	DN100	108	130	106	230	250	10	45	M12*220–110
16	DN125	128	146	106	230	276	10	45	M12*220–110
16	DN125	134	155	106	230	276	10	45	M12*220–110
16	DN150	153	175	106	230	304	10	45	M12*220–110
16	DN150	165	185	106	230	304	10	45	M12*220–110
16	DN200	184	207	130	260	330	10	70	M12*250–130
16	DN200	208	225	130	260	348	10	70	M12*250–130
16	DN200	218	236	150	260	359	10	90	M12*250–130
16	DN200	222	250	130	260	373	10	70	M12*250–130
16	DN250	246	270	150	300	394	10	90	M12*290–130
16	DN250	264	284	130	260	407	10	70	M12*250–130
16	DN250	282	306	150	300	433	10	90	M12*290–130
16	DN300	305	326	130	260	459	10	70	M12*250–130
16	DN300	315	335	150	300	463	10	90	M12*290–130
16	DN300	334	355	150	300	483	10	90	M12*290–130
16	DN350	360	386	130	300	510	10	70	M12*290–130
16	DN350	386	410	150	300	538	10	90	M12*290–130
16	DN400	408	435	130	300	559	10	70	M12*290–130

自锚式广范围柔性接头
RESTRAINED UNIVERSAL COUPLING

DN50–DN300

Restrained universal coupling represents the latest mechanical coupling technology for connecting a variety diameter pipe to save the installation time, install easily and remove conveniently.
自锚式广范围柔性接头采用了最新机械耦合技术，用于连接各种直径的管道，节省了安装时间，易于安装和拆卸。
Mechanical locking by means of metal inserts in order to avoid pipes axial movement, independant clamping on both sides.
通过金属嵌件进行机械锁定，以避免管道轴向移动，两侧独立夹紧。
Restrained universal coupling support different diameter pipes connection with reducer method, on DI, steel, PE/PVC pipes, etc.
自锚式广范围柔性接头支持不同直径的管道连接，采用异径管法，适用于球墨铸铁、钢制、PE/PVC等管道。

Special design is allowable, welcome to contact us.
接受特殊设计，欢迎联系我们。



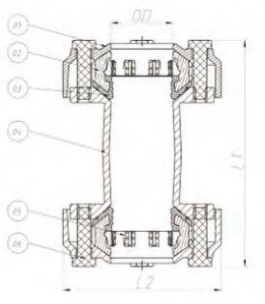


产品描述 PRODUCT DESCRIPTION

Part No.	Part Name	Material	Standard
1	Sleeve	GGG50	EN1563
2	Rubber Gasket	EPDM/SBR/NBR	ISO4633
3	Gland Flange	GGG50	EN1563
4	Bolts&Nuts	Carbon Steel 6.8/8.8, SS, Dacromet	ISO898
5	Finish Layer	Fusion Bond Epoxy etc.	EN14901

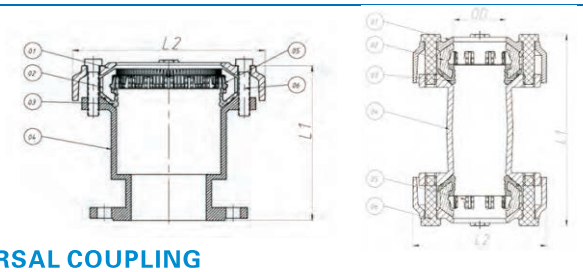


Briefs & Features	
1	Connection for pipes in material ductile iron, steel, PVC, PE, Stainless steel, AC etc.
2	Working pressure PN10/PN16.
3	Maximum temperature –10℃ to+70℃.
4	Suitable for potable water (WRAS approved), neutral liquids and sewage. Corrosion resistant structure.



Complying Standard	
Flange drilling	EN1092–2, EN1092–1, ANSI
Coating	EN30677
Test	EN12266–1

数据表 DATA SHEET



RESTRAINED UNIVERSAL COUPLING

DN	OD	L1	L2
DN50	46–70	170	187
DN65	70–95	195	212
DN80	88–123	215	240
DN100	108–143	225	260
DN125	133–168	225	285
DN150	159–194	225	311
DN200	200–235	245	370
DN250	250–285	265	420
DN300	315–350	275	485

产品应用说明 APPLICATION DESCRIPTION



1. There is 5–10mm telescopic adjustment between socket and flange end.
   The pipe can be cut into different lengths, and pipe connection is changed from a socket pipe to a flange connecting pipe.
   Install easily and quickly. Using only one torque wrench to tighten high strength bolted connection.

   套筒和法兰端之间有5–10mm的伸缩调节。
   管道可以切割成不同的长度，并且管道连接将从承插管更改为法兰连接管道。
   安装方便快捷，仅使用一个扭矩扳手拧紧高强度螺栓既可连接。

2. Wide range of different pipe OD with +/– 6° deviation.
   It can be used in the large bending radius pipeline and allowable for the normal movement of the pipe such as ground subsidence.

   多种管道外径，+/– 6° 偏差。
   可用于弯曲半径大的管道，并允许管道的正常运动（如地面沉降等）。

3. The simplicity and versatility of this product make them suitable for many applications including pumping stations, water purification plants, sewage treatment plants, plat rooms, instrument rooms, power generation equipment, gas stations and all pipelines.

   该产品的简单性和多功能性使其适用于许多应用场景，包括泵站、净水厂、污水处理厂、平台室、仪表室、发电设备、加油站和所有管线的安装。

4. Product design and manufacture according to BS, EN, ISO 9001:2008 system and surface anti–corrosion material through the most stringent WRAS certification, so it can be used for drinking water.

   产品设计和制造符合BS、EN、ISO 9001:2008体系，表面防腐材料通过最严格的WRAS认证，可用于饮用水。

5. We provide EPDM, NBR, SBR rubber pad and carbon steel/stainless steel bolts for long term rust protection.

   我们提供材质为EPDM、NBR、SBR橡胶垫和碳钢/不锈钢螺栓，用于长期防锈。

Because this product can be connected to different pipe diameter pipeline, it can reduce your investment in the inventory.

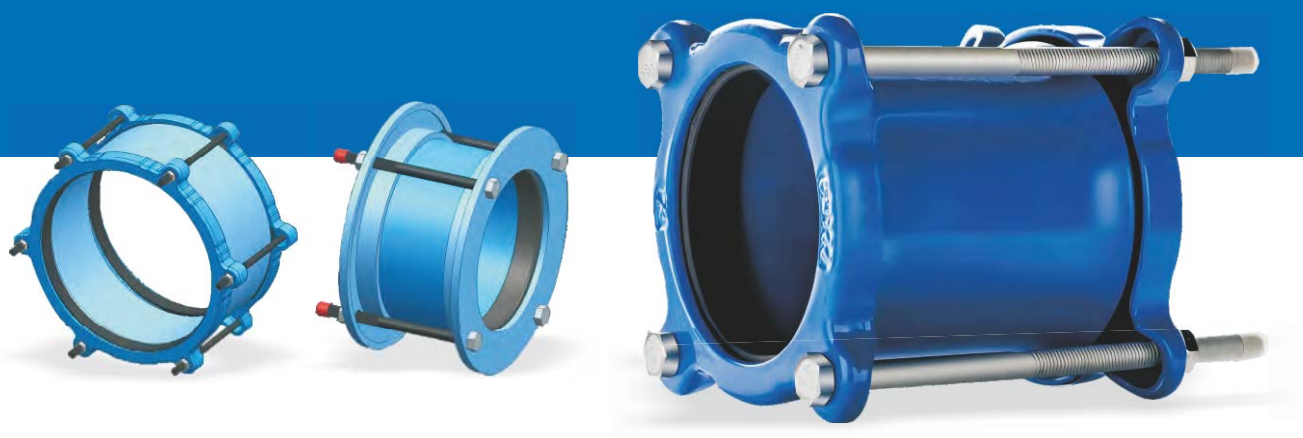
由于本产品可以连接不同管径的管道，可以减少您的库存投资。

专接球铁管柔性接头
COUPLING FOR DI PIPE

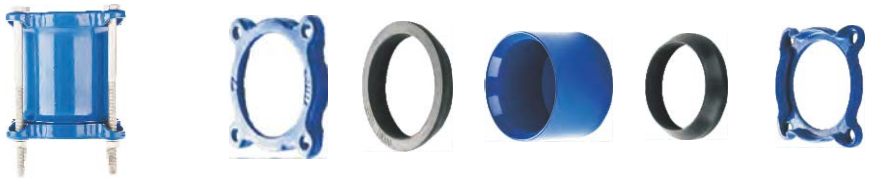
DN80–DN2000

Coupling for DI pipe is suitable for DI pipe, both end is socket. We use a new mechanical coupling technology to save the installation time. Install easily and remove conveniently.
专接球铁管柔性接头适用于两端为插口的球墨铸铁管。
我们采用新的机械耦合技术，产品易于安装和拆卸，大大节省了安装时间。

Special design is allowable, welcome to contact us.
接受特殊设计，欢迎联系我们。



产品描述 PRODUCT DESCRIPTION



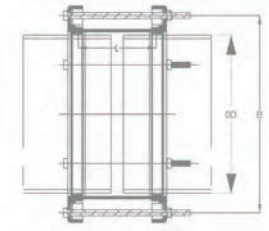
Part No.	Part Name	Material	Standard
1	Sleeve	Q235B	ISO630
2	Rubber Gasket	EPDM/SBR/NBR	ISO4633
3	Gland Flange	GGG50	EN1563
4	Bolts&Nuts	Carbon Steel 6.8/8.8, SS, Dacromet	ISO898
5	Finish Layer	Fusion Bond Epoxy etc.	EN14901

Briefs & Features	
1	Suitable for steel, iron, plastic pipes, wide range of pipe diameters.
2	Working pressure PN10/PN16/PN25/PN40.
3	Maximum temperature –10℃ to+70℃.
4	Suitable for potable water (WRAS approved), neutral liquids and sewage. Corrosion resistant structure.
5	Total angle deviation is +/– 3 degree.

Complying Standard	
Flange drilling	EN1092–2, EN1092–1, ANSI
Coating	EN30677
Test	EN12266–1

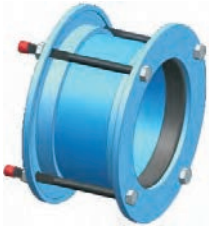
数据表 DATA SHEET

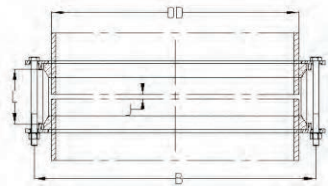




COUPLING PN10/16/25/40

DN	OD	B	L	Bolts Nr.	Bolts Size(MXL)
80	98	157	130	4	M12*200
100	118	178	130	4	M12*200
125	144	210	130	4	M12*200
150	170	236	130	4	M12*200
200	222	292	160	6	M12*250
250	274	341	160	6	M12*250
300	326	397	160	6	M12*250
350	378	460	160	8	M12*250
400	429	515	160	8	M16*250
450	480	580	160	10	M16*250
500	532	620	160	10	M16*250
600	635	715	160	10	M16*250
700	738	826	160	12	M16*250
800	842	925	160	12	M16*250





COUPLING PN10/16/25

DN	OD	B	L	Bolts Nr.	Bolts Size(MXL)
80	98	157	130	4	M12*200
100	118	178	130	4	M12*200
125	144	210	130	4	M12*200
150	170	236	130	4	M12*200
200	222	292	160	6	M12*250
250	274	341	160	6	M12*250
300	326	397	160	6	M12*250
350	378	460	160	8	M12*250
400	429	515	160	8	M16*250
450	480	580	160	10	M16*250
500	532	620	160	10	M16*250
600	635	715	160	10	M16*250
700	738	826	160	12	M16*250
800	842	925	160	12	M16*250

专接PVC管柔性接头
COUPLING FOR PVC PIPE

OD40–OD630

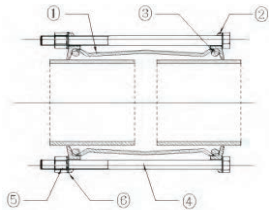
Universal coupling is suitable for PVC pipeline, both end is socket.
We use a new mechanical coupling technology to save the installation time. Install easily and remove conveniently.
专接PVC管柔性接头适用于两端为插口的PVC管道。我们采用新的机械耦合技术，产品易于安装和拆卸，大大节省了安装时间。

Special design is allowable, welcome to contact us.
接受特殊设计，欢迎联系我们。







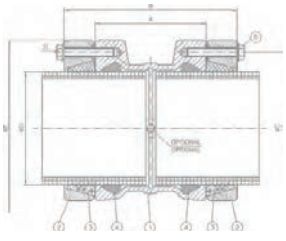


产品描述 PRODUCT DESCRIPTION

Part No.	Part Name	Material	Standard
1	Sleeve	Q235B	ISO630
2	Gland Flange	GGG50	EN1563
3	Rubber Gasket	EPDM/SBR/NBR	ISO4633
4	Bolts&Nuts	Carbon Steel 4.8/8.8, SS, Dacromet	ISO898
5	Finish Layer	Fusion Bond Epoxy etc.	EN14901

Briefs & Features	
1	Suitable for PVC pipes.
2	Working pressure PN10/PN16.
3	Maximum temperature –10℃ to+70℃.
4	Suitable for potable water (WRAS approved), neutral liquids and sewage. Corrosion resistant structure.
5	Total angle deviation is +/– 3 degree.

Complying Standard	
Flange drilling	EN1092–2, EN1092–1, ANSI
Coating	EN30677
Test	EN12266–1



数据表 DATA SHEET

∅d	A	B	C
40	106	131	97
50	116	131	97
63	137	150	116
75	149	154	116
90	164	154	116
110	184	175	137
125	199	175	137
140	214	179	137
160	234	215	177
180	254	215	177
200	274	219	177
220	294	229	177
225	299	228	177
250	341	241	185
280	371	241	185
315	406	241	185
400	495	243	181
500	592	243	181
630	753	243	181

专接PE管柔性补偿接头
RESTRAINED COUPLING FOR PE PIPE

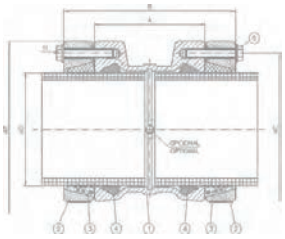
OD63–OD315

Coupling for PE pipe is suitable for pipeline, both end is socket. We use a new mechanical coupling technology to save the installation time.
专接PE管柔性补偿接头适用于两端为插口的PE管。我们采用新机械耦合技术，节省了安装时间。
Mechanical locking by means of metal inserts in order to avoid pipes axial movement, independant clamping on both sides.
通过金属嵌件进行机械锁定，以避免管道轴向移动，两侧独立夹紧。

Special design is allowable, welcome to contact us.
接受特殊设计，欢迎联系我们。



产品描述 PRODUCT DESCRIPTION

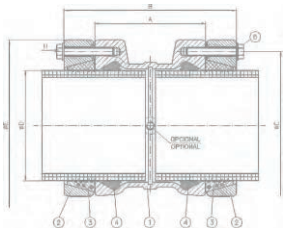


Part No.	Part Name	Material	Standard
1	Flange Pipe	GGG50	EN1563
2	Rubber Ring	EPDM/SBR/NBR	ISO4633
3	Gland Flange	GGG50	EN1563
4	Bolts&Nuts	Carbon Steel 4.8/8.8, SS, Dacromet	ISO898
5	Finish Layer	Fusion Bond Epoxy etc.	EN14901

Briefs & Features	
1	Suitable for PE pipes.
2	Working pressure PN10/PN16.
3	Maximum temperature –10℃ to+70℃.
4	Suitable for potable water (WRAS approved), neutral liquids and sewage. Corrosion resistant structure.
5	Total angle deviation is +/– 6 degree.

Complying Standard	
Flange drilling	EN1092–2, EN1092–1, ANSI
Coating	EN30677
Test	EN12266–1

数据表 DATA SHEET



OD	A	B	C	E	H
50	120	194	102	126	4–M10×60
63	120	194	105	129	4–M10×60
75	120	194	118	142	8–M10×60
90	130	204	133	157	8–M10×60
110	130	204	153	177	8–M10×60
125	135	210	168	192	8–M10×60
140	140	234	195	229	8–M12×75
160	160	254	215	249	8–M12×75
180	170	265	235	269	8–M12×75
200	190	285	255	289	12–M12×75
225	210	305	280	314	12–M12×75
250	230	325	305	339	12–M12×75
280	250	345	283	317	12–M12×75
315	270	365	373	407	12–M12×75

产品应用说明 APPLICATION DESCRIPTION



1. There is 5–10mm telescopic adjustment between socket ends.
The pipe can be cut into different lengths, and pipe connection is changed from a socket pipe to a flange connecting pipe.
Install easily and quickly. Using only one torque wrench to tighten high strength bolted connection.

插口端部之间有5–10mm的伸缩调节。
管道可以切割成不同的长度，并且管道连接将从承插管更改为法兰连接管道。
安装方便快捷，仅使用一个扭矩扳手拧紧高强度螺栓既可连接。

2. Wide range of different pipe OD with +/– 6° deviation.
It can be used in the large bending radius pipeline and allowable for the normal movement of the pipe such as ground subsidence.

多种管道外径，+/– 6° 偏差。
可用于弯曲半径大的管道，并允许管道的正常运动（如地面沉降等）。

3. The simplicity and versatility of this product make them suitable for many applications including pumping stations, water purification plants, sewage treatment plants, plat rooms, instrument rooms, power generation equipment, gas stations and all pipelines.

该产品的简单性和多功能性使其适用于许多应用场景，包括泵站、净水厂、污水处理厂、平台室、仪表室、发电设备、加油站和所有管线的安装。

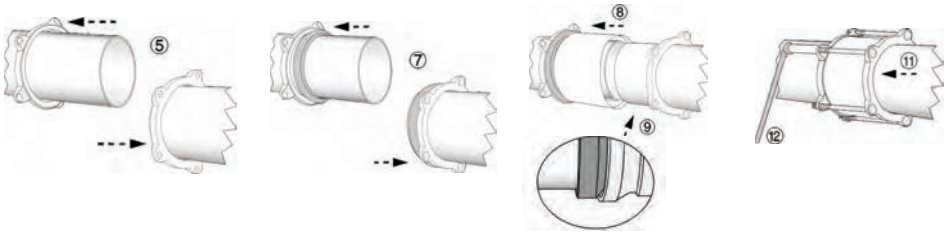
4. Product design and manufacture according to BS, EN, ISO 9001:2008 system and surface anti–corrosion material through the most stringent WRAS certification, so it can be used for drinking water.

产品设计和制造符合BS、EN、ISO 9001:2008体系，表面防腐材料通过最严格的WRAS认证，可用于饮用水。

5. We provide EPDM, SBR, NBR rubber pad and carbon steel/stainless steel bolts for long term rust protection.

我们提供材质为EPDM、SBR、NBR的橡胶垫和材质为碳钢、不锈钢的螺栓，用于长期防锈保护。

安装说明 INSTALLATION MANUEL



1. Check if the components of the product have been lost in transport and check for product surface.

检查产品部件是否在运输过程中丢失，检查产品表面。

2. Clean the surface of the pipe spigot, cleaning length is the same as half of joint length.

清洁管道插口端表面，清洁长度等于接头长度的一半。

3. Check the surface of sealing ring and make sure that the surface is free of cracks neither deformations which will interfere the effect of rubber ring.

检查密封圈表面，确保表面无裂纹和变形，以免影响密封圈的密封效果。

4. Draw an equal reference point on spigot end of pipe, which is half the length of the coupling joint, and calculate from the spigot end.

在管子的插口端画一个相等的参考点，距离为柔性接头长度的一半，从插口端开始计算。

5. Place a gland flange at each pipe reference point.

在每个管道参考点放置一个压兰。

6. Apply the lubricant to the gland flange and pipe surface.

在压兰和管道表面涂上润滑剂。

7. Put the gland flange and rubber on the pipe, the ramp is inclined toward the pipe end.

将压兰和胶圈套在管道上，胶圈斜面向管端倾斜。

8. Insert the sleeve onto the pipe.

将套筒套进管子上。

9. The two socket pipes should be parallel, axial alignment. When connecting, there is a gap of 5mm–10mm between the two socket pipes.

两个连接的插口管应平行并轴向对准。连接时，两个插口管之间有5mm–10mm的间隙。

10. Move the sleeve to ensure that the center of the sleeve is same with the spigot and socket pipe center, and the distance between the two pipes is equal. The rubber ring is moved to the bell mouth of the sleeve.

移动套筒，确保套筒的中心与插口管中心一致，套在两管之间的距离相等。将橡胶圈移动到套筒的喇叭口处。

11. Move two end gland flanges to the position of rubber and meet the bolt holes of gland flange.

将两端压兰移动到胶圈位置，并对准压兰上的螺栓连接孔。

12. Insert the bolt into the gland bore and tighten the bolt. The bolt shall be tightened alternately. The nut shall be tightened according to the demension of the bolt and the torque.

将螺栓插入压兰连接孔内并拧紧螺栓，螺栓应交替拧紧。根据螺栓的尺寸和扭矩拧紧。

After piping is pressurized, check if leakage caused by improper installation and settle it.

管道加压后，检查是否因安装不当造成泄漏的情况，并进行处理。

3

可拆卸接头

DISMANTLING JOINT

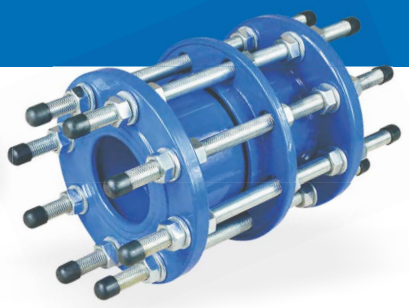
球铁可拆卸接头
DI DISMANTLING JOINT

DN50–DN2000

The dismantling joint is used to connect pipes or fittings, valves with flanges at both ends. The product has the characteristics of adjustable length to facilitate field adjustment during on site installation.
球铁可拆卸接头用于连接两端是法兰盘的管道或管件、阀门。该产品具有可调节自身长度的特点，便于现场安装过程中进行现场调整。

Special design is allowable, welcome to contact us.
接受特殊设计，欢迎联系我们。

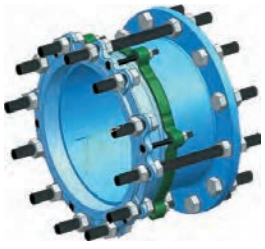




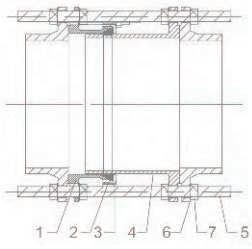


产品描述 PRODUCT DESCRIPTION

Part No.	Part Name	Material	Standard
1	Flange Pipe	GGG50	EN1563
2	Rubber Gasket	EPDM/SBR/NBR	ISO4633
3	Gland Flange	GGG50	EN1563
4	Flange pipe	GGG50	EN1563
5/6/7	Bolts&Nuts	Carbon Steel 4.8/8.8, SS, Dacromet	ISO898
	Finish Layer	Fusion Bond Epoxy etc.	EN14901



Briefs & Features	
1	Suitable for steel, iron, plastic pipes, wide range of pipe diameters.
2	Working pressure PN10/PN16/PN25/PN40.
3	Maximum temperature –10℃ to+70℃.
4	Suitable for potable water (WRAS approved), recycled water and sewage. Corrosion resistant structure.

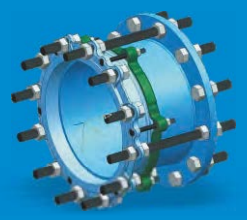


Complying Standard	
Flange drilling	EN1092–2, EN1092–1, ANSI
Coating	EN30677
Test	EN12266–1

数据表 DATA SHEET

DISMANTLING JOINT

PN10 DN50–DN800



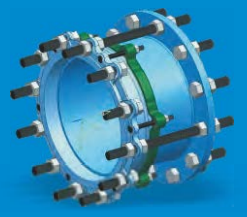
DN	D1	D2	D3	b	f	L1(+25/–25)	L2(+3/–3)	N–Ød	BOLTS
50	165	125	99	16	3	200	310	4–Ø20	2–M16
60	175	135	108	16	3	200	310	4–Ø20	2–M16
65	185	145	118	16	3	200	310	4–Ø20	2–M16
80	200	160	132	16	3	200	310	8–Ø20	4–M16
100	220	180	156	16	3	200	310	8–Ø20	4–M16
125	250	210	184	16	3	200	310	8–Ø20	4–M16
150	285	240	211	16	3	200	330	8–Ø24	4–M20
200	340	295	266	17	3	220	350	8–Ø24	4–M20
250	400	350	319	19	3	230	370	12–Ø24	4–M20
300	455	400	370	20.5	4	250	400	12–Ø24	4–M20
350	505	460	429	20.5	4	260	410	16–Ø24	4–M20
400	565	515	480	20.5	4	270	430	16–Ø29	4–M24
450	615	565	530	21.5	4	270	430	20–Ø29	5–M24
500	670	620	582	22.5	4	270	440	20–Ø29	5–M24
600	780	725	682	25	5	290	470	20–Ø32	5–M27
700	895	840	794	27.5	5	290	480	24–Ø32	6–M27
800	1015	950	901	30	5	310	500	24–Ø35	6–M30

PN10 DN900–DN2000



DN	D1	D2	D3	b	f	L1(+25/–25)	L2(+3/–3)	N–Ød	BOLTS
900	1115	1050	1001	32.5	5	310	510	28–Ø35	7–M30
1000	1230	1160	1112	35	5	320	540	28–Ø38	7–M33
1100	1340	1270	1215	37.5	5	320	550	32–Ø38	8–M33
1200	1455	1380	1328	40	5	340	580	32–Ø41	8–M36
1400	1675	1590	1530	41	5	360	600	36–Ø44	9–M39
1500	1785	1700	1640	42.5	5	400	640	36–Ø44	9–M39
1600	1915	1820	1750	44	5	400	645	40–Ø50	10–M45
1800	2115	2020	1950	47	5	420	670	44–Ø50	11–M45
2000	2325	2230	2150	50	5	440	720	48–Ø50	12–M45

PN16 DN50–DN800



DN	D1	D2	D3	b	f	L1(+25/–25)	L2(+3/–3)	N–Ød	BOLTS
50	165	125	99	16	3	200	310	4–Ø20	2–M16
60	175	135	108	16	3	200	310	4–Ø20	2–M16
65	185	145	118	16	3	200	310	4–Ø20	2–M16
80	200	160	132	16	3	200	310	8–Ø20	4–M16
100	220	180	156	16	3	200	310	8–Ø20	4–M16
125	250	210	184	16	3	200	310	8–Ø20	4–M16
150	285	240	211	16	3	200	330	8–Ø24	4–M20
200	340	295	266	17	3	220	350	12–Ø24	4–M20
250	400	355	319	19	3	230	370	12–Ø29	4–M24
300	455	410	370	20.5	4	250	400	12–Ø29	4–M24
350	520	470	429	22.5	4	260	410	16–Ø29	4–M24
400	580	525	480	24	4	270	430	16–Ø32	4–M27
450	640	585	544	26	4	270	430	20–Ø32	5–M27
500	715	650	609	27.5	4	270	450	20–Ø35	5–M30
600	840	770	720	31	5	290	480	20–Ø38	5–M33
700	910	840	794	34.5	5	290	490	24–Ø38	6–M33
800	1025	950	901	38	5	310	500	24–Ø41	6–M36

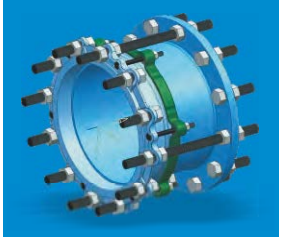
PN16 DN900–DN2000



DN	D1	D2	D3	b	f	L1(+25/–25)	L2(+3/–3)	N–Ød	BOLTS
900	1125	1050	1001	41.5	5	310	530	28–Ø41	7–M36
1000	1255	1170	1112	45	5	320	560	28–Ø44	7–M39
1100	1355	1270	1215	48.5	5	320	570	32–Ø44	8–M39
1200	1485	1390	1328	52	5	340	600	32–Ø50	8–M45
1400	1685	1590	1530	55	5	360	625	36–Ø50	9–M45
1500	1850	1710	1640	57.5	5	400	665	36–Ø57	9–M52
1600	1930	1820	1750	60	5	400	665	40–Ø57	10–M52
1800	2130	2020	1950	65	5	420	700	44–Ø57	11–M52
2000	2345	2230	2150	70	5	440	780	48–Ø63	12–M56

DISMANTLING JOINT

PN25
DN50–DN800



DN	D1	D2	D3	b	f	L1(+25/–25)	L2(+3/–3)	N–Ød	BOLTS
50	165	125	99	16	3	200	310	4–Ø20	2–M16
60	175	135	108	16	3	200	310	4–Ø20	2–M16
65	185	145	118	16	3	200	310	4–Ø20	2–M16
80	200	160	132	16	3	200	310	8–Ø20	4–M16
100	235	190	156	16	3	200	310	8–Ø20	4–M20
125	270	220	184	16	3	200	310	8–Ø20	4–M24
150	300	250	211	17	3	200	330	8–Ø24	4–M24
200	360	310	274	19	3	220	350	8–Ø24	4–M24
250	425	370	330	21.5	3	230	370	12–Ø24	4–M27
300	485	430	389	23.5	4	250	400	12–Ø24	4–M27
350	555	490	448	26	4	260	410	16–Ø24	4–M30
400	620	550	503	28	4	270	430	16–Ø29	4–M33
450	670	600	553	30.5	4	270	440	20–Ø29	5–M33
500	730	660	609	32.5	4	270	460	20–Ø29	5–M33
600	845	770	720	37	5	290	490	20–Ø32	5–M36
700	960	875	820	41.5	5	290	500	24–Ø32	6–M39
800	1085	990	928	46	5	310	530	24–Ø35	6–M45

PN25
DN900–DN2000



DN	D1	D2	D3	b	f	L1(+25/–25)	L2(+3/–3)	N–Ød	BOLTS
900	1115	1050	1001	32.5	5	310	510	28–Ø35	7–M30
1000	1230	1160	1112	35	5	320	540	28–Ø38	7–M33
1100	1340	1270	1215	37.5	5	320	550	32–Ø38	8–M33
1200	1455	1380	1328	40	5	340	580	32–Ø41	8–M36
1400	1675	1590	1530	41	5	360	600	36–Ø44	9–M39
1500	1785	1700	1640	42.5	5	400	640	36–Ø44	9–M39
1600	1915	1820	1750	44	5	400	645	40–Ø50	10–M45
1800	2115	2020	1950	47	5	420	670	44–Ø50	11–M45
2000	2325	2230	2150	50	5	440	720	48–Ø50	12–M45

PN40
DN50–DN600



DN	D1	D2	D3	b	f	L1(+25/–25)	L2(+3/–3)	N–Ød	BOLTS
50	165	125	99	16	3	200	310	4–Ø20	2–M16
60	175	135	108	16	3	200	310	8–Ø20	2–M16
65	185	145	118	16	3	200	310	8–Ø20	2–M16
80	200	160	132	16	3	200	310	8–Ø20	4–M16
100	235	190	156	16	3	200	310	8–Ø24	4–M20
125	270	220	184	20.5	3	200	320	8–Ø29	4–M24
150	300	250	211	23	3	200	340	8–Ø29	4–M24
200	360	320	284	27	3	220	370	12–Ø32	4–M27
250	450	385	345	31.5	3	230	395	12–Ø35	4–M30
300	515	450	409	35.5	4	250	430	16–Ø35	4–M30
350	580	510	465	40	4	260	445	16–Ø38	4–M33
400	660	585	535	44	4	270	470	16–Ø41	4–M36
450	685	610	560	45	4	270	470	20–Ø41	5–M36
500	755	670	615	48	4	270	490	20–Ø44	5–M39
600	845	795	735	53	5	290	525	20–Ø50	5–M45

钢制传力接头
STEEL DISMANTLING JOINT VSSJA C2F/CF/B2F

B2F:DN65–DN3000
C2F:DN65–DN3200
C F:DN65–DN3000

B2F,C2F,CF::Can be used in seawater, water, domestic sewage, crude oil, fuel oil, lubricating oil, refined oil, air, gas, steam and granular powder with temperature not higher than 250 degrees and other media.
B2F、C2F、CF:可用于海水、水、生活污水、原油、燃料油、润滑油、成品油、空气、燃气、蒸汽及温度不高于250度的颗粒状粉末等介质。

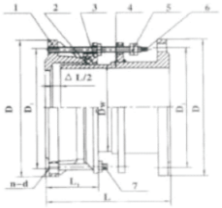
Special design is allowable, welcome to contact us.
接受特殊设计，欢迎联系我们。

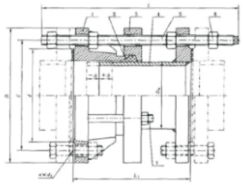

B2F

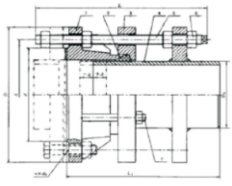

C2F


CF

产品描述 PRODUCT DESCRIPTION







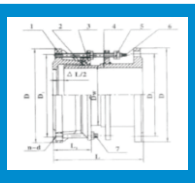
Part No.	Part Name	Material	Standard
1	Flange Pipe	Q235A	ISO630
2	Rubber Gasket	EPDM/SBR/NBR	ISO4633
3	Gland Flange	Q235A	EN1563
4	Limit Short Tube	Q235A	ISO630
5	Bolts&Nuts	Carbon Steel 6.8/8.8, SS, Dacromet	ISO898
6	Finish Layer	Fusion Bond Epoxy etc.	EN14901

Briefs & Features	
1	Suitable for steel, iron, plastic pipes, wide range of pipe diameters.
2	Working pressure PN10/PN16/PN25/PN40.
3	Maximum temperature –10℃ to+70℃.
4	Suitable for potable water (WRAS approved), neutral liquids and sewage. Corrosion resistant structure.

Complying Standard	
Flange drilling	EN1092–1, ANSI
Coating	EN30677
Test	EN12266–1

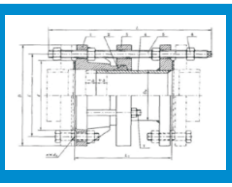
数据表 DATA SHEET

DN	DW	Boundary Dimension		Expansion And Contraction Quantity △L	Flange Connection Size					
					0.6MPa			1.0MPa		
		L	L1		D	D1	N–do	D	D1	n–Th
65	76	340	105	50	160	130	4–Ø14	185	145	4–Ø18
80	89				190	150	4–Ø18	200	160	8–Ø18
100	108				210	170		220	180	
	114									
125	133	340	105	50	240	200	8–Ø18	250	210	8–Ø18
	140									
150	159				265	225	8–Ø18	285	240	8–Ø22
	168									
200	219				320	280		340	295	
250	273				375	335	12–Ø18	395	350	12–Ø22
300	325	350	130	65	440	395	12–Ø122	445	400	
350	377				490	445		505	460	16–Ø22
400	426				540	495	16–Ø22	565	515	16–Ø26
450	480				595	550		615	565	20–Ø26
500	530				645	600	20–Ø22	670	620	
600	630				755	705	20–Ø26	780	725	20–Ø30
700	720				860	810	24–Ø26	895	840	24–Ø30
800	820	590	220	130	975	920	24–Ø30	1015	950	24–Ø33
900	920				1075	1020		1115	1050	28–Ø33
1000	1020				1175	1120	28–Ø30	1230	1160	28–Ø36
1200	1220				1405	1340	32–Ø33	1455	1380	32–Ø40
1400	1420				1630	1560	36–Ø36	1675	1590	36–Ø42
1500	1520				1730	1660				
1600	1620				1830	1760	40–Ø36	1915	1820	40–Ø48
1800	1820				2045	1970	44–Ø40	2115	2020	44–Ø48
2000	2020				2265	2180	48–Ø42	2325	2230	48–Ø48
2200	2220				2475	2390	52–Ø42	2550	2440	52–Ø56
2400	2420				2685	2600	56–Ø42	2760	2650	56–Ø56
2600	2620	600	240	140	2905	2810	60–Ø48	2960	2850	60–Ø56
2800	2820				3115	3020	64–Ø48	3180	3070	64–Ø56
3000	3020				3315	3220	68–Ø48	3405	3290	68–Ø60



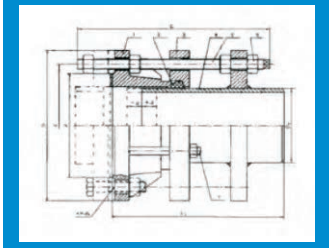
B2F

C2F



DN	DW	Boundary Dimension		Flange Connection Size							
				0.6MPa				1.0MPa			
		L	L1	D	D1	N–Th	B	D	D1	n–Th	b
65	76	400	40	160	130	4–M12	16	185	145	4–M16	20
80	89			190	150	4–M16	18	200	160	8–M16	22
100	114			210	170			220	180		24
125	140			240	200	8–M16	20	250	210		26
150	168			265	225			285	240	8–M20	
200	219			320	280		22	340	295		
250	273			375	335	12–M16	24	395	350	12–M20	28
300	325	220	50	440	395	12–M20		445	400		
350	377			490	445		26	505	460	16–M20	30
400	426			540	495	16–M20	28	565	515	16–M24	32
450	480			595	550			615	565	20–M24	32
500	530	240		645	600	20–M20	30	670	620	20–M24	34
600	630			755	705	20–M24		780	725	20–M27	36
700	720			860	810	24–M24	32	895	840	24–M27	40
800	820	350	60	975	920	24–M27	34	1015	950	24–M30	44
900	920			1075	1020		36	1115	1050	28–M30	46
1000	1020			1175	1120	28–M27		1230	1160	28–M33	50
1200	1220	370		1405	1340	32–M30	40	1455	1380	32–M36	56
1400	1420			1630	1560	36–M33	44	1675	1590	36–M39	62
1600	1620	380		1830	1760	40–M33	48	1915	1820	40–M45	68
1800	1820			2045	1970	44–M36	50	2115	2020	44–M45	70
2000	2020	400		2265	2180	48–M39	54	2325	2230	48–M45	74
2200	2220			2475	2390	52–M39	60	2550	2440	52–M52	80
2400	2420			2685	2600	56–M39	62	2760	2650	56–M52	82
2600	2620	450	80	2905	2810	60–M45	64	2960	2850	60–M52	88
2800	2820			3115	3020	64–M45	68	3180	3070	64–M52	94
3000	3020			3315	3220	68–M45	70	3405	3290	68–M56	100
3200	3220			3525	3430	72–M45	76				

CF



DN	DW	Boundary Dimension		Weight KG	Flange Connection Size			
		L	L1		D	D1	n	b
65	76	460	20	14.8	185	145	4	18
80	89			17.2	200	160	8	
100	114			24.8	220	180		
125	140			31.7	250	210		
150	168			39.3	285	240		22
200	219			49.2	340	295		
250	273			67.9	395	350	12	
300	325	485	25	83.9	445	400		
350	377			106.1	505	460	16	
400	426	495		121.9	565	515		26
450	480			138.7	615	565	20	
500	530			162.6	670	620		
600	630	510		219.3	780	725		30
700	720			267.2	895	840	24	
800	820	690	30	447.6	1015	950		33
900	920			490.4	1115	1050	28	
1000	1020			563.3	1230	1160		36
1200	1220	740		792.7	1455	1380	32	39
1400	1420			1027.7	1675	1590	36	42
1600	1620	760		1414.2	1915	1820	40	48
1800	1820			1574.8	2115	2020	44	
2000	2020	790		2001.8	2325	2230	48	
2200	2220	800		2437.9	2550	2440	52	56
2400	2420			2734.6	2760	2650	56	
2600	2620	940	40	3142.4	2960	2850	60	
2800	2820			3514.7	3180	3070	64	
3000	3020			4027.8	3405	3290	68	60

产品应用说明 APPLICATION DESCRIPTION



1. There is 50mm telescopic adjustment between double flange. It can adjust the connection length by means of adjusting the connecting bolts. Install easily and quickly. Using only one torque wrench to tighten high strength bolted connection.

双法兰之间有50mm的伸缩调节。它可以通过调节连接螺栓来调节连接长度。安装方便快捷。使用一个扭矩扳手拧紧高强度螺栓连接。

2. This product can be quickly dismantled and very easy to serve valves pumps and instruments, it reduce the mantaince time for design changes in the future and reduce the downtime of pipeline. It is suitable for install and remove isolation valve, control valve, check valve, pressure release valve, flow meter, pump, flange pipe etc.

该产品可以快速拆卸，非常方便地服务于阀门、泵和仪表，减少了未来设计变更的维护时间，减少了管道的停机时间。适用于安装和拆卸隔离阀、控制阀、止回阀、减压阀、流量计、泵、法兰管道等。

3. The simplicity and versatility of this product make them suitable for many applications including pumping stations, water purification plants, sewage treatment plants, plat rooms, instrument rooms, power generation equipment, gas stations and all pipelines.

该产品的简单性和多功能性使其适用于许多应用，包括泵站、净水厂、污水处理厂、平台室、仪表室、发电设备、加油站和所有管线的安装。

4. Product design and manufacture according to BS, EN, ISO, 9001:2008 system and surface anti-corrosion material through the most stringent WRAS certification, so it can be used for drinking water.

产品设计和制造符合BS、EN、ISO、9001:2008体系，表面防腐材料通过最严格的WRAS认证，可用于饮用水。

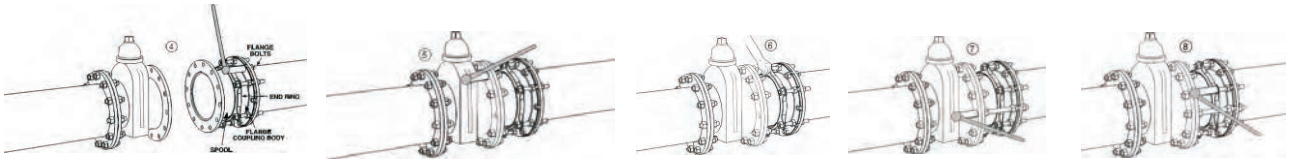
5. We provide EPDM, SBR, NBR rubber pad and carbon steel/stainless steel bolts for long term rust protection.

我们提供材质为EPDM、SBR、NBR的橡胶垫和材质为碳钢、不锈钢的螺栓，用于长期防锈保护。

Because this product can be connected to different pipe diameter pipeline, it can reduce your investment in the inventory.

由于本产品可以连接不同管径的管道，可以减少您的库存投资。

安装手册 INSTALLATION MANUAL



1. Check the package and appearance of the product to ensure that it has not been damaged during the transport and that no parts have been lost.
检查产品的包装和外观，确保产品在运输过程中无损坏，无部件丢失。
2. Check the flange to which dismantling joint fits. Make sure it matches the bore of the product flange. Nominal pressure must be consistent.
检查可拆卸接头与之配合的法兰，确保与产品法兰盘的的钻孔相匹配。公称压力必须一致。
3. Remove the pull rod bolts from dismantling joint, loosen the nut, and take the pull rod bolts so that the pipe moves freely in the body of flange connection.
拆下可拆卸接头上的拉杆螺栓，松开螺母，取下拉杆螺栓，使管道在法兰连接体内自由运动。
4. Move dismantling joint between the flanges to be assembled. There is a O ring gasket between the flange and the flange for sealing. Use flange bolts to secure the flange end of dismantling joint fix the flange end which need attach. Screw the bolt tightly.
将可拆卸接头移动到要装配的法兰之间。在法兰与法兰之间有O型环垫圈用于密封。用法兰螺栓将可拆卸接头的法兰端固定在要装配的一端法兰上，把螺栓拧紧。
5. Connect the flange spigot to the opposite mating flange. Flange type O gaskets are added between the flange faces and bolted together with flange bolts.
将法兰插管连接到相对的配套法兰上。O型法兰垫片加在法兰面之间，用法兰螺栓固定在一起。
6. After bolts connect flange, self sealing of dismantling joint put into the program. At first in the middle of rubber seals with lubricant to ensure that the intermediate flange and intermediate sealing ring slide to the location, and check the small self connection bolt gasket and nut.
在螺栓连接法兰后，进入可拆卸接头的自我密封程序。首先在中间密封胶圈上加润滑油以保证中间压兰和中间密封圈滑到位置，并检查自连接的小螺栓垫片和螺母。
7. Insert the pull rod bolts. (Note: if no rod bolts, the product is not limited.) Each rod has 4 nuts at assembly. When the pull rod is inserted, the bolt is connected with the nut. The pull rod bolt lever must be through the flanges at both ends of dismantling joint. Make sure that the length of the connector is equal to meet the requirements of the flanges at both ends. The other nut tightening on the joint after tightening rod nut so as to complete the installation.
插入拉杆螺栓。(注:如无拉杆螺栓，本产品不受限制。)每个杆在装配时有4个螺母。拉杆插入时，螺栓与螺母连接。拉杆螺栓杆必须穿过可拆卸接头两端的法兰。确保接头长度相等，以满足两端法兰的要求。将另一螺母拧紧在连接处后，拧紧杆螺母，从而完成安装。
8. Evenly press the bolt on the press in the alternating direction of the screw until it reaches the recommended torque. Wait ten minutes, then torque.
均匀地将压兰上的螺栓按照十字交替的方向拧紧，直至达到推荐的扭矩。等十分钟，然后再转矩。

常见的安装问题 COMMON INSTALLATION PROBLEMS

1. The bolt is not tightened to the proper torque.
螺栓没有拧紧到适当的扭矩。
2. Rock or debris between pipe and gasket.
管道与垫圈之间有岩石或碎片。
3. There is dirt on the bolt or nut.
螺栓或螺母上有污垢。
4. Short insertion distance of jack tube.
插口管插入的距离短。
5. Incorrect pairing of Flange.
法兰配对错误。

马鞍管夹

SADDLE CLAMP

专接球铁管管夹
SADDLE CLAMP FOR DI PIPE

DN60–DN300

The main function of this product is to open a branch pipe or install the faucet or water meter in any part of the pipeline temporarily after the completion of the installation of the whole pipeline and already running. Quick removal of the product, the installation of only one wrench, torque wrench to tighten high–strength steel or stainless steel connection bolt is one of the most important features of the series.
本产品的主要功能是在整个管道安装完成并已经运行后，在管道的任何部分临时开启分支管道或安装水龙头或水表。产品拆卸快捷，安装只需一个扳手，扭矩扳手拧紧高强度钢或不锈钢连接螺栓是该系列的一个重要的特点。

Special design is allowable, welcome to contact us.
接受特殊设计，欢迎联系我们。





产品描述 PRODUCT DESCRIPTION

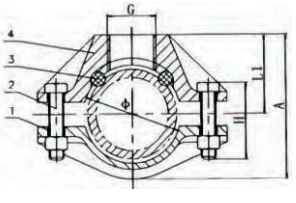
Part No.	Part Name	Material	Standard
1	Body	GGG50	EN1563
2	Rubber Ring	EPDM/SBR/NBR	ISO4633
3	Gland Flange	GGG50	EN1563
4	Bolts&Nuts	Carbon Steel 4.8/8.8, SS, Dacromet	ISO898
5	Finish Layer	Fusion Bond Epoxy etc.	BS EN14901



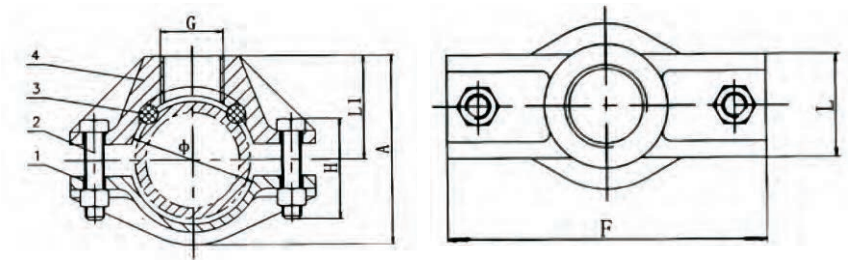
Briefs & Features	
1	Suitable for DI pipes.
2	Working pressure PN10/PN16.
3	Maximum temperature –10℃ to+70℃.
4	Suitable for potable water (WRAS approved), recycled water and sewage. Corrosion resistant structure.
5	Total angle deviation is +/– 3 degree.



Complying Standard	
Flange drilling	EN1092–2, EN1092–1, ANSI
Coating	EN30677
Test	EN12266–1



数据表 DATA SHEET



SADDLE CLAMP FOR DI PIPE

Item	Specification(mm)						
	∅	F	G	L	A	L1	H
60~3/4''	60	155	3/4''	80	118	65	M12×90
60~1''			1''				
60~1 1/4''			1 1/4''				
60~1 1/2''			1 1/2''				
80~1''	80	175	1''	80	138.5	75	M12×90
80~1 1/4''			1 1/4''				
80~1 1/2''			1 1/2''				
100~1''	100	195	1''	92	165	91	M12×90
100~1 1/4''			1 1/4''				
100~1 1/2''			1 1/2 ''				
100~2''			2''				
125~1''	125	220	1''	92	193	104	M12×90
125~1 1/4''			1 1/4''				
125~1 1/2''			1 1/2''				
125~2''			2''				
150~1''	150	245	1''	92	209	107	M12×100
150~1 1/4''			1 1/4''				
150~1 1/2''			1 1/2''				
150~2''			2''				
175~1''	175	260	1''	92	243.5	129	M12×130
175~1 1/4''			1 1/4''				
175~1 1/2''			1 1/2''				
175~2''			2''				
200~1''	200	276	1''	122	276	143	M12×140
200~1 1/4''			1 1/4''				
200~1 1/2''			1 1/2''				
200~2''			2''				
250~1''	250	330	1''	122	333	174	M12×160
250~1 1/4''			1 1/4''				
250~1 1/2''			1 1/2''				
250~2''			2''				
300~1''	300	380	1''	122	385	200	M12×180
300~1 1/4''			1 1/4''				
300~1 1/2''			1 1/2''				
300~2''			2''				

产品应用说明 APPLICATION DESCRIPTION



1. This product is specially designed for connecting DI pipes. The connect range is from DN60–DN300. If the customer has special requirements we can design and manufactured.

   本产品专为连接球墨铸铁管而设计。连接范围为DN60–DN300。如有特殊要求，我们可以设计和制造。

2. The simplicity and versatility of this product makes the product very easy to install and the entire line can be installed in a running pipeline. It will avoid the shut down the whole pipeline line during saddles installation,which can bring great convenience to customers.

   该产品的简单性和多功能性使其易于安装，并在安装过程中整个管线可以在有压力的情况下安装。避免了在管夹在安装过程中关闭整个管线，为客户带来极大的便利。

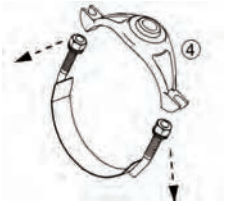
3. Product design and manufacturing in accordance with ISO9001: 2008 system. we use ductile iron material as the main body of product, surface corrosion materials is authenticated by WRAS certification. making it suitable for drinking water.

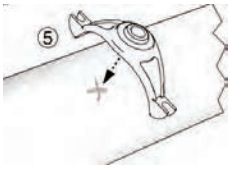
   产品设计和制造符合ISO9001:2008标准，我们采用球墨铸铁材料作为产品主体，表面防腐材料通过最严格的WRAS认证，可用于饮用水。

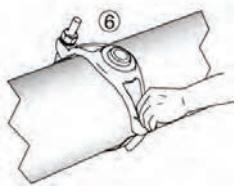
4. We provide gaskets of EPDM, NBR, and SBR, bolts and nuts of carbon steel and stainless steel, etc., long–term anti–rust protection. For this product we provide excellent protection from transportation, warehousing, anti–corrosion at site.

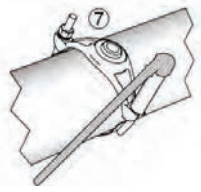
   我们提供材质为EPDM、NBR、SBR的橡胶垫和材质为碳钢、不锈钢的螺栓，用于长期防锈保护。对于该产品，我们提供卓越的运输、仓储和现场防腐保护。

安装手册 INSTALLATION MANUAL









1. This product is specially designed for connecting DI pipes. The connect range is from DN60–DN300. If the customer has special requirements we can design and manufactured.

   本产品专为连接球墨铸铁管而设计。连接范围为DN60–DN300。如有特殊要求，我们可以设计和制造。

2. Check the diameter and casting marks of the pipe and check the type of model of the saddle, to make sure you use the right products.

   检查管道直径和管夹铸字，并检查管夹型号，确保使用正确的产品。

3. Thoroughly clean the pipe surface that will use the pipe saddle, brush suitable gasket lubricant for roughened pipes to ensure that the product is well sealed.

   彻底清洁将使用管夹的管道表面，为粗糙的管道刷合适的垫片润滑剂，以确保产品密封良好。

4. Loosen the saddle bolt to separate the two part of products.

   松开管夹螺栓，将产品的两部分分开。

5. Positioning saddle on the pipe, make sure thread outlet is in the correct position.

   在管道上定位管夹，确保螺纹出口位置正确。

6. The bore holes of saddle's two parts should be aligned to ensure the gasket is parallel to the pipes surface.

   管夹两部分的螺栓孔应对准，保证垫片与管道表面平行。

7. Tighten the bolt with a wrench as required. The bolt is evenly exchanged with a torque of 15–20 pounds / feet each time.

   按要求用扳手拧紧螺栓。每次更换螺栓的扭矩为15–20磅/英尺。

专接HDPE管夹
SADDLE CLAMP FOR HDPE PIPE

OD25–OD315

The main function of this product is to open a branch pipe or install the faucet or water meter in any part of the pipeline temporarily after the completion of the installation of the whole pipeline and already running. Quick removal of the product, the installation of only one wrench, torque wrench to tighten high–strength steel or stainless steel connection bolt is one of the most important features of the series.

本产品的主要功能是在整个管道安装完成并已经运行后，在管道的任何部分临时开启分支管道或安装水龙头或水表。产品拆卸快捷，安装只需一个扳手，扭矩扳手拧紧高强度钢或不锈钢连接螺栓是该系列的一个重要的特点。

Special design is allowable, welcome to contact us.

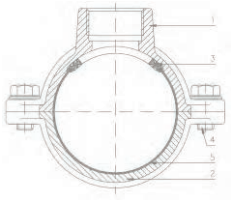
接受特殊设计，欢迎联系我们。



产品描述 PRODUCT DESCRIPTION





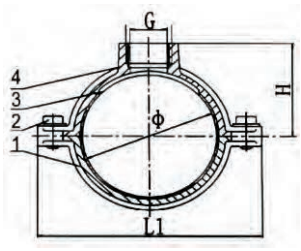


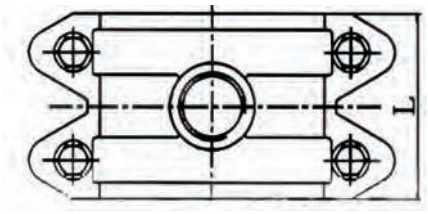
Part No.	Part Name	Material	Standard
1	Body	GGG50	EN1563
2	Gland Flange	GGG50	ISO4633
3	Rubber Gasket	EPDM/SBR/NBR	EN1563
4	Bolts&Nuts	Carbon Steel 4.8/8.8, SS, Dacromet	ISO898
5	Finish Layer	Fusion Bond Epoxy etc.	BS EN14901

Briefs & Features	
1	Suitable for PVC pipes.
2	Working pressure PN10/PN16.
3	Maximum temperature –10℃ to+70℃.
4	Suitable for potable water (WRAS approved), recycled water and sewage. Corrosion resistant structure.
5	Total angle deviation is +/– 3 degree.

Complying Standard	
Flange drilling	EN1092–2, EN1092–1, ANSI
Coating	EN30677
Test	EN12266–1

数据表 DATA SHEET





Item	Specification(mm)					
	∅	F	G	L	A	L1
25~1/2"	25	1/2"	15	32	65	84
32~1/2"	32	1/2"	15	39	65	91
32~3/4"		3/4"	20	42		
40~1/2"	40	1/2"	15	45	65	99
40~3/4"		3/4"	20	51		
40~1"		1"	26	50		
50~3/4"	50	3/4"	20	56	90	114
50~1"		1"	26	56		
50~11/4"		11/4"	34	62		
63~1"	63	1"	26	62	90	129
63~11/4"		11/4"	34	70		
63~11/2"		11/2"	40	70		
63~2"		2"	52	68		
75~1"	75	1"	26	68	115	141
75~11/4"		11/4"	34	76		
75~2"		2"	40	76		
90~1"	90	1"	26	76	115	161
90~11/4"		11/4"	34	76		
90~11/2"		11/2"	40	83		
90~2"		2"	52	83		
110~11/4"	110	11/4"	26	86	115	189
110~11/2"		11/2"	34	86		
110~2"		2"	40	93		
125~1"	125	1"	26	93	115	204
125~11/4"		11/4"	34	93		
125~11/2"		11/2"	40	93		
125~2"		2"	52	100		

Item	Specification(mm)					
	∅	F	G	L	A	L1
140~1"	140	1"	26	100	140	219
140~11/4"		11/4"	34	101		
140~11/2"		11/2"	40	101		
140~2"		2"	52	108		
160~1"	160	1"	26	108	140	239
160~11/4"		11/4"	34	111		
160~11/2"		11/2"	40	111		
160~2"		2"	52	118		
180~1"	180	1"	26	118	180	259
180~11/4"		11/4"	34	121		
180~11/2"		11/2"	40	121		
180~2"		2"	52	128		
200~1"	200	1"	24	128	180	279
200~11/4"		11/4"	36	131		
200~11/2"		11/2"	40	131		
200~2"		2"	52	138		
225~1"	225	1"	26	138	180	180
225~11/4"		11/4"	34	143		
225~11/2"		11/2"	40	143		
225~2"		2"	52	151		
250~1"	250	1"	26	151	180	329
250~11/4"		11/4"	34	156		
250~11/2"		11/2"	40	156		
250~2"		2"	52	163		
280~1"	280	1"	26	163	180	359
280~11/4"		1/4"	34	171		
280~11/2"		11/2"	40	71		
280~2"		2"	52	178		
315~1"	315	1"	24	178	180	394
315~11/4"		11/4"	36	188		
315~11/2"		11/2"	41	188		
315~2"		2"	52	196		

产品应用说明 APPLICATION DESCRIPTION

1. This product is specially designed for connecting PVC pipes. The connect range is from OD25–OD315. If the customer has special requirements we can design and manufactured.

   本产品专为连接PVC管而设计。连接范围为OD25–OD315。如果客户有特殊要求，我们可以设计和制造。

2. The simplicity and versatility of this product makes the product very easy to install and the entire line can be installed in a running pipeline. It will avoid the shut down the whole pipeline line during saddles installation,which can bring great convenience to customers.

   该产品的简单性和多功能性使其易于安装，并在安装过程中整个管线可以在有压力的情况下安装。避免了在管夹在安装过程中关闭整个管线，为客户带来极大的便利。



3. Product design and manufacturing in accordance with ISO9001: 2008 system. we use ductile iron material as the main body of product, surface corrosion materials is authenticated by WRAS certification. making it suitable for drinking water.

   产品设计和制造符合ISO9001:2008标准，我们采用球墨铸铁材料作为产品主体，表面防腐材料通过最严格的WRAS认证，可用于饮用水。

4. We provide gaskets of EPDM, NBR, and SBR, bolts and nuts of carbon steel and stainless steel, etc., long–term anti–rust protection. For this product we provide excellent protection from transportation, warehousing, anti–corrosion at site.

   我们提供材质为EPDM、NBR、SBR的橡胶垫和材质为碳钢、不锈钢的螺栓，用于长期防锈保护。对于该产品，我们提供卓越的运输、仓储和现场防腐保护。

专接HDPE/PVC管夹
SADDLE FLANGE TEE CLAMP FOR HDPE/PVC PIPE

DE90–DE630

Saddle Flange Tee Clamp for HDPE/PVC pipe is used for PVC/PE pipelines during opening branch, or installation of faucets, water meters etc. High–strength bolts can be supplied. Install easily and remove conveniently. Pipeline can be non–stop to install the product.

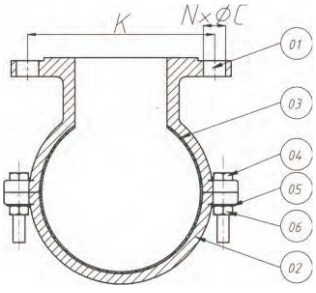
专接HDPE/PVC管夹适用于PVC/PE管道开启分支或安装水龙头、水表等。可提供高强度螺栓。安装方便，拆卸方便，可以在保证不停机的情况下安装产品。

Special design is allowable, welcome to contact us.

接受特殊设计，欢迎联系我们。



产品描述 PRODUCT DESCRIPTION

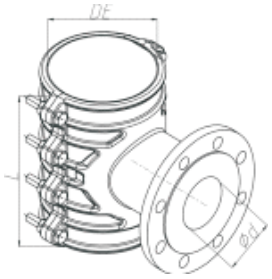


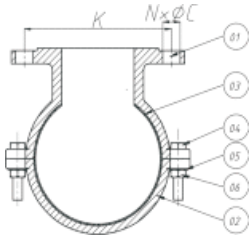
Part No.	Part Name	Material	Standard
1	Body	GGG50	EN1563
2	Flange	GGG50	EN1563
3	Rubber Gasket	EPDM/SBR/NBR	ISO4633
4	Bolts&Nuts	Carbon Steel 4.8/8.8, SS, Dacromet	ISO898
5	Finish Layer	Fusion Bond Epoxy etc.	EN14901

Briefs & Features	
1	Suitable for HDPE/PVC pipes.
2	Working pressure PN10/PN16.
3	Maximum temperature –10℃ to+70℃.
4	Suitable for potable water (WRAS approved), recycled water and sewage. Corrosion resistant structure.
5	Total angle deviation is +/– 3 degree.

Complying Standard	
Flange drilling	EN1092–2, EN1092–1, ANSI
Coating	EN30677
Test	EN12266–1

数据表 DATA SHEET





Specification	DE	L	ød	K	N	C
P90*300-50	90	300	55	125	4	19
P110*300-80	110	300	85	160	4	19
P110*500-80	110	500	85	160	4	19
P160*300-80	160	300	85	160	4	19
P160*300-100	160	300	105	180	8	19
P160*500-100	160	500	105	180	8	19
P200*300-80	200	300	85	160	4	19
P200*300-100	200	300	105	180	8	19
P200*300-150	200	300	155	240	8	23
P200*500-100	200	500	105	180	8	19
P200*500-150	200	500	155	240	8	23
P225*300-180	225	300	85	160	4	19
P225*300-100	225	300	105	180	8	19
P225*300-150	225	300	155	240	8	23
P250*300-80	250	300	85	160	4	19
P250*300-100	250	300	105	180	8	19
P250*300-150	250	300	155	240	8	23
P250*500-200	250	500	505	650	20	34
P315*300-80	315	300	85	160	4	19
P315*300-100	315	300	105	180	8	19
P315*300-150	315	300	155	240	8	23
P315*500-200	315	500	205	295	12	23
P355*500-80	355	500	85	160	4	19
P355*500-100	355	500	105	180	8	19
P355*500-150	355	500	155	240	8	23
P355*500-200	355	500	205	295	12	23
P400*500-80	400	500	85	160	4	19
P400*500-100	400	500	105	180	8	19
P400*500-150	400	500	155	240	8	23
P400*500-200	400	500	205	295	12	23
P400*500-300	400	500	305	410	12	28
P450*500-100	450	500	105	180	8	19
P450*500-150	450	500	155	240	8	23
P450*500-200	450	500	205	295	12	23
P450*500-300	450	500	305	410	12	28
P500*500-100	500	500	105	180	8	19
P500*500-150	500	500	155	240	8	23
P500*500-200	500	500	205	295	12	23
P500*500-300	500	500	305	410	12	28
P500*750-400	500	750	405	525	16	31
P560*500-100	560	500	105	180	8	19
P560*500-150	560	500	155	240	8	23
P560*500-200	560	500	205	295	12	23
P560*500-300	560	500	305	410	12	28
P630*500-100	630	500	105	180	8	19
P630*500-150	630	500	155	240	8	23
P630*500-200	630	500	205	295	12	23
P630*500-300	630	500	305	410	12	28
P630*800-400	630	800	405	525	16	31
P630*800-500	630	800	505	650	20	34

应用程序说明 APPLICATION DESCRIPTION

1. The main function of this product is to temporarily open a branch pipe or install water meter in any part of a running pipeline. The pipe can be cut into different lengths, and pipe connection is changed from a socket pipe to a flange connecting pipe. Install easily and quickly. Using only one torque wrench to tighten high strength bolted connection.

   该产品的主要功能是临时在已运行管道的任意部位开孔安装分支管道或者安装水表。
   管道可以切割成不同的长度，并且管道连接将从承插管更改为法兰连接管道。
   安装方便快捷,仅使用一个扭矩扳手拧紧高强度螺栓既可连接。



2. This product is specially designed for connecting HDPE/PVC tubes. The connect range is from DE90–DE630. The customer has some special requirements for the product that can also be designed and manufactured.

   本产品专为连接HDPE/PVC管而设计。连接范围为DE90–DE630。如果客户有特殊要求，我们可以设计和制造。

3. The simplicity and versatility of this product makes the product very easy to install and the entire line can be installed in a running pipeline. It will avoid the shut down the whole pipeline line during saddles installation,which can bring great convenience to customers.

   该产品的简单性和多功能性使其易于安装，并在安装过程中整个管线可以在有压力的情况下安装。避免了在管夹在安装过程中关闭整个管线，为客户带来极大的便利。

4. Product design and manufacturing in accordance with ISO9001: 2008 system. we use ductile iron material as the main body of product, surface corrosion materials is authenticated by WRAS certification. making it suitable for drinking water.

   产品设计和制造符合ISO9001:2008标准，我们采用球墨铸铁材料作为产品主体，表面防腐材料通过最严格的WRAS认证，可用于饮用水。

5. We provide gaskets of EPDM, NBR, and SBR, bolts and nuts of carbon steel and stainless steel, etc., long–term anti–rust protection. For this product we provide excellent protection from transportation, warehousing, anti–corrosion at site.

   我们提供材质为EPDM、NBR、SBR的橡胶垫和材质为碳钢、不锈钢的螺栓，用于长期防锈保护。对于该产品，我们提供卓越的运输、仓储和现场防腐保护。

广范围马鞍分流管夹
UNIVERSAL SADDLE CLAMP

DN50–DN700

Universal Saddle Clamp is used for DI/PE/PVC and Steel pipes during opening branch, or installation of faucets, water meters etc. It can be compatible with all kinds of pipes under the same nominal diameter, greatly reducing the inventory of the pipe installation company. High–strength bolts can be supplied. Install easily and remove conveniently. It can be non–stop to install the product.

广范围马鞍分流管夹用于球墨铸铁管/PE/PVC和钢管在打开支管或安装水龙头、水表等时。它可以与相同公称通径下的各种管道兼容，大大减少了管道安装公司的库存。可提供高强度螺栓。安装方便，拆卸方便，可以在保证不停机的情况下安装产品。

Special design is allowable, welcome to contact us.

接受特殊设计，欢迎联系我们。



产品描述 PRODUCT DESCRIPTION

Part No.	Part Name	Material	Standard
1	Body	GGG50	EN1563
2	Gasket	EPDM/SBR/NBR	ISO4633
3	Bolts&Nuts	SS304	AS4181–2013
4	Finish Layer	Fusion Bond Epoxy etc.	EN14901

Briefs & Features	
1	Suitable for steel, iron, plastic pipes, wide range of pipe diameters.
2	Working pressure PN10/PN16.
3	Maximum temperature –10℃ to+70℃.
4	Suitable for potable water (WRAS approved), recycled water and sewage. Corrosion resistant structure.

Complying Standard	
Flange drilling	EN1092–2, EN1092–1, ANSI
Coating	EN30677
Test	EN12266–1

数据表 DATA SHEET



DN	OUTLET	OD	MXL
50	1/2" 3/4" 1" 1-1/2"	48-62	M12X100
65	1/2" 3/4" 1" 1-1/2"	57-78	M12X100
80	1/2" 3/4" 1" 1-1/2" 1-3/4"	75-98	M12X100
100	1/2" 3/4" 1" 1-1/2" 1-3/4"	97-118	M12X100
100	1/2" 3/4" 1" 1-1/2" 1-3/4"	110-133	M12X100
125	1/2" 3/4" 1" 1-1/2" 1-3/4"	126-148	M12X100
125	1/2" 3/4" 1" 1-1/2" 1-3/4"	135-160	M12X100
150	1/2" 3/4" 1" 1-1/2" 1-3/4"	158-177	M12X100
150	1/2" 3/4" 1" 1-1/2" 1-3/4"	168-190	M12X100
175	1/2" 3/4" 1" 1-1/2" 1-3/4"	182-206	M12X100
200	1/2" 3/4" 1" 1-1/2" 1-3/4"	206-233	M12X100
200	1/2" 3/4" 1" 1-1/2" 1-3/4"	233-254	M12X100
250	1/2" 3/4" 1" 1-1/2" 1-3/4" 2"	260-286	M12X100
250	1/2" 3/4" 1" 1-1/2" 1-3/4" 2"	285-310	M12X100
300	1/2" 3/4" 1" 1-1/2" 1-3/4" 2"	213-338	M12X100
350	1/2" 3/4" 1" 1-1/2" 1-3/4" 2"	344-394	M12X100
350	1/2" 3/4" 1" 1-1/2" 1-3/4" 2"	348-394	M12X100
400	1/2" 3/4" 1" 1-1/2" 1-3/4" 2"	394-420	M12X100
400	1/2" 3/4" 1" 1-1/2" 1-3/4" 2"	418-443	M12X100
400	1/2" 3/4" 1" 1-1/2" 1-3/4" 2"	442-475	M12X100
450	1/2" 3/4" 1" 1-1/2" 1-3/4" 2"	474-493	M12X100
500	1/2" 3/4" 1" 1-1/2" 1-3/4" 2"	500-532	M12X100
600	1/2" 3/4" 1" 1-1/2" 1-3/4" 2"	610-647	M12X100
700	1/2" 3/4" 1" 1-1/2" 1-3/4" 2"	710-738	M12X100

应用程序说明 APPLICATION DESCRIPTION



1. The main body of the product is ductile iron and stainless steel belt. The flexible design of stainless steel belt can fit the outer wall of the pipe very well, which is different from the rigid connection requirement that the traditional pipe clamp can only connect the pipe of single material. It can be compatible with all kinds of pipes under the same nominal diameter, greatly reducing the inventory of the pipe installation company. For the ductile iron part, various threads can be customized according to the construction requirements to facilitate branch connection. The product itself is easy to install, only need an ordinary wrench, can save a lot of construction and installation costs.
   Install easily and quickly. Using only one torque wrench to tighten high strength bolted connection.

   产品主体为球墨铸铁和不锈钢带。不锈钢带的柔性设计可以很好地贴合管道外壁，不同于传统管夹只能连接单一材质管道的固定连接要求，它可以与相同公称通径下的各种管道兼容，大大减少了管道安装公司的库存。对于球墨铸铁件，可根据施工要求定制各种螺纹，方便分支连接。产品本身安装方便，只需要一个普通的扳手，就可以节省大量的施工和安装费用。
   安装方便快捷，仅使用一个扭矩扳手拧紧高强度螺栓即可连接。

2. The customer has some special requirements for the product that can also be designed and manufactured.

   如果客户有特殊要求，我们可以设计和制造。

3. The simplicity and versatility of this product makes the product very easy to install and the entire line can be installed in a running pipeline. It will avoid the shut down the whole pipeline line during saddles installation,which can bring great convenience to customers.

   该产品的简单性和多功能性使其易于安装，并在安装过程中整个管线可以在有压力的情况下安装。避免了在管夹在安装过程中关闭整个管线，为客户带来极大的便利。

4. Product design and manufacturing in accordance with ISO9001: 2008 system. we use ductile iron material as the main body of product, surface corrosion materials is authenticated by WRAS certification. making it suitable for drinking water.

   产品设计和制造符合ISO9001:2008标准，我们采用球墨铸铁材料作为产品主体，表面防腐材料通过最严格的WRAS认证，可用于饮用水。产品设计和制造符合BS、EN、ISO、9001:2008体系，表面防腐材料通过最严格的WRAS认证，可用于饮用水。

5. We provide gaskets of EPDM, NBR, and SBR, bolts and nuts of carbon steel and stainless steel, etc., long-term anti-rust protection. For this product we provide excellent protection from transportation, warehousing, anti-corrosion at site.

   我们提供材质为EPDM、NBR、SBR的橡胶垫和材质为碳钢、不锈钢的螺栓，用于长期防锈保护。对于该产品，我们提供卓越的运输、仓储和现场防腐保护。

广范围马鞍分流管夹法兰三通
UNIVERSAL SADDLE FLANGE TEE CLAMP

DN80–DN1000

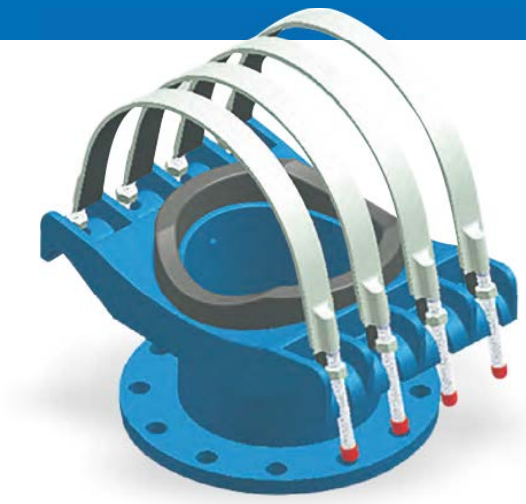
Universal Saddle Clamp is used for DI/PE/PVC and Steel pipes during opening branch, or installation of faucets, water meters etc. It can be compatible with all kinds of pipes under the same nominal diameter, greatly reducing the inventory of the pipe installationcompany. High–strength bolts can be supplied. Install easily and remove conveniently. It can be non–stop to install the product.

广范围马鞍分流管夹法兰三通用于球墨铸铁管/PE/PVC和钢管在打开支管或安装水龙头、水表等时。它可以与相同公称通径下的各种管道兼容，大大减少了管道安装公司的库存。可提供高强度螺栓。安装方便，拆卸方便，可以在保证不停机的情况下安装产品。

Special design is allowable, welcome to contact us.

接受特殊设计，欢迎联系我们。





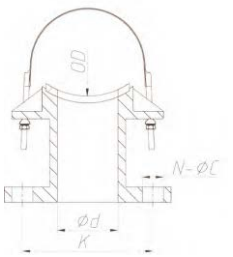
产品描述 PRODUCT DESCRIPTION

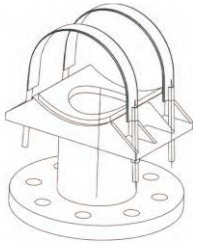
Part No.	Part Name	Material	Standard
1	Body	GGG50	EN1563
2	Gasket	EPDM/SBR/NBR	ISO4633
3	Bolts&Nuts	SS304	AS4181–2013
4	Finish Layer	Fusion Bond Epoxy etc.	EN14901

Briefs & Features	
1	Suitable for steel, iron, plastic pipes, wide range of pipe diameters.
2	Working pressure PN10/PN16.
3	Maximum temperature –10℃ to+70℃.
4	Suitable for potable water (WRAS approved), recycled water and sewage. Corrosion resistant structure.

Complying Standard	
Flange drilling	EN1092–2, EN1092–1, ANSI
Coating	EN30677
Test	EN12266–1

数据表 DATA SHEET





OD	Specification	Ød	K	N	C
75–98	DN80*50	50	125	4	19
	DN100*50	50	125	4	19
97–118	DN100*65	65	145	4	19
	DN100*80	80	160	8	19
	DN125*50	50	125	4	19
126–148	DN125*65	65	145	4	19
	DN125*80	80	160	8	19
	DN125*100	100	180	8	19
	DN150*50	50	125	4	19
158–177	DN150*65	65	145	4	19
	DN150*80	80	160	8	19
	DN150*100	100	180	8	19
	DN200*50	50	125	4	19
206–233	DN200*65	65	145	4	19
	DN200*80	80	160	8	19
	DN200*100	100	180	8	19
	DN200*125	125	210	8	19
	DN200*150	150	240	8	23
	DN250*50	50	125	4	19
260–286	DN250*65	65	145	4	19
	DN250*80	80	160	8	19
	DN250*100	100	180	8	19
	DN250*125	125	210	8	19
	DN250*150	150	240	8	23
	DN250*200	200	295	12	23
	DN300*50	50	125	4	19
313–338	DN300*65	65	145	4	19
	DN300*80	80	160	8	19
	DN300*100	100	180	8	19
	DN300*125	125	210	8	19
	DN300*150	150	240	8	23
	DN300*200	200	295	12	23
	DN350*50	50	125	4	19
344–372	DN350*65	65	145	4	19
	DN350*80	80	160	8	19
	DN350*100	100	180	8	19
	DN350*125	125	210	8	19
	DN350*150	150	240	8	23
	DN350*200	200	295	12	23
	DN350*250	250	355	12	28
	DN400*50	50	125	4	19
418–443	DN400*65	65	145	4	9
	DN400*80	80	160	8	19
	DN400*100	100	180	8	19
	DN400*125	125	210	8	19
	DN400*150	150	240	8	23
	DN400*200	200	295	12	23
	DN400*250	250	355	12	28
	DN400*300	300	410	12	28
	DN500*50	50	125	4	19
510–544	DN500*65	65	145	4	19
	DN500*80	80	160	8	19
	DN500*100	100	180	8	19
	DN500*125	125	210	8	19
	DN500*150	150	240	8	23
	DN500*200	200	295	12	23
	DN500*250	250	355	12	28
	DN500*300	300	410	12	28
	DN500*350	350	470	16	28
	DN500*400	400	525	16	31

OD	Specification	Ød	K	N	C
610–647	DN600*50	50	125	4	19
	DN600*65	65	145	4	19
	DN600*80	80	160	8	19
	DN600*100	100	180	8	19
	DN600*125	125	210	8	19
	DN600*150	150	240	8	23
	DN600*200	200	295	12	23
	DN600*250	250	355	12	28
	DN600*300	300	410	12	28
	DN600*350	350	470	16	28
	DN600*400	400	525	16	31
	DN600*450	450	585	20	31
	DN600*500	500	650	20	34
710–744	DN700*50	50	125	4	19
	DN700*65	65	145	4	19
	DN700*80	80	160	8	19
	DN700*100	100	180	8	19
	DN700*125	125	210	8	19
	DN700*150	150	240	8	23
	DN700*200	200	295	12	23
	DN700*250	250	355	12	28
	DN700*300	300	410	12	28
	DN700*350	350	470	16	28
	DN700*400	400	525	16	31
	DN700*450	450	585	20	31
	DN700*500	500	650	20	34
	DN700*600	600	770	20	37
820–855	DN800*50	50	125	4	19
	DN800*65	65	145	4	19
	DN800*80	80	160	8	19
	DN800*100	100	180	8	19
	DN800*125	125	210	8	19
	DN800*150	150	240	8	23
	DN800*200	200	295	12	23
	DN800*250	250	355	12	28
	DN800*300	300	410	12	28
	DN800*350	350	470	16	28
	DN800*400	400	525	16	31
	DN800*450	450	585	20	31
	DN800*500	500	650	20	34
	DN800*600	600	770	20	37
	DN800*700	700	840	24	37
1025–1055	DN1000*50	50	125	4	19
	DN1000*65	65	145	8	19
	DN1000*80	80	160	8	19
	DN1000*100	100	180	8	19
	DN1000*125	125	210	8	19
	DN1000*150	150	240	8	23
	DN1000*200	200	295	12	23
	DN1000*250	250	355	12	28
	DN1000*300	300	410	12	28
	DN1000*350	350	470	16	28
	DN1000*400	400	525	16	31
	DN1000*450	450	585	20	31
	DN1000*500	500	650	20	34
	DN1000*600	600	770	20	37
	DN1000*700	700	840	24	37
	DN1000*800	800	950	24	41

修补器

REPAIR CLAMP

不锈钢板式修补器
STAINLESS STEEL BAND REPAIR CLAMP

CR–1 59–366mm
CR–2 88–740mm

The stainless steel band repair clamp provides a quick and economic way to repair damages of different pipes, such as leakage, perforation, and longitudinal cracks. It can be installed on running pipelines.
不锈钢板式修补器提供了一种快速经济的方法来修复不同管道的损坏，如泄漏、穿孔和纵向裂纹。可以在保证不停机的情况下，安装产品。

ZR–1 59–366mm
ZR–2 88–740mm

The ZR series stainless steel band repair clamp with Iron claw, the function same as CR.
ZR系列不锈钢铁板式修补器带铸铁爪，功能与CR系列相同。

Special design is allowable, welcome to contact us.
接受特殊设计，欢迎联系我们。

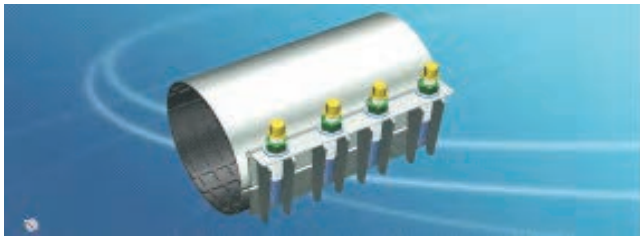

CR–1

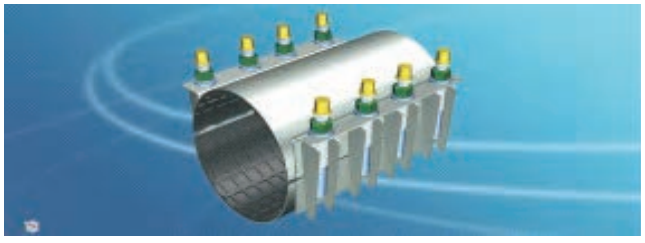

CR–2


ZR–1


ZR–2

产品描述 PRODUCT DESCRIPTION

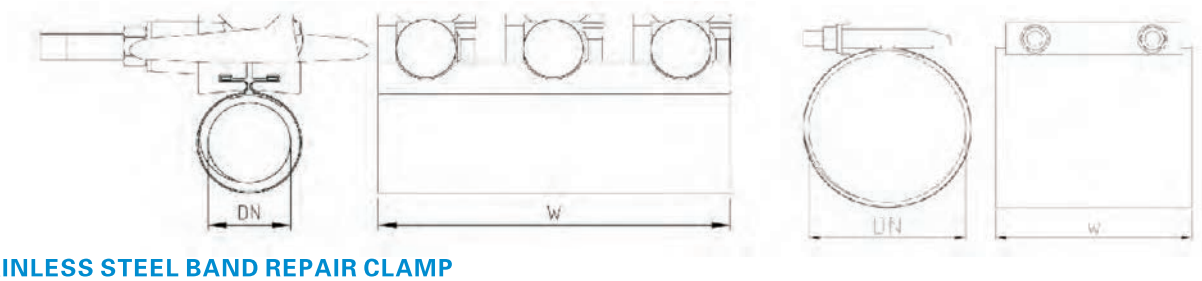




Part No.	Part Name	Material	Standard
1	Steel Shell	SS304	AS 4181–2013
2	Rubber Sheet	EPDM	ISO4633
3/4/5	Fastener	SS304	AS 4181–2013
6	Gusset Plate	SS304	AS 4181–2013
7	Guide Plate	SS304	AS 4181–2013
8	Support Plate	SS304	AS 4181–2013
9	Claw	SS304/CAST IRON	AS 4181–2013/EN1563

Briefs & Features	
1	Suitable for surface/underground engineering, shipbuilding/offshore oil platform, water, gas/natural gas supply, electricity, industrial production, sewage treatment and maintenance.
2	Working pressure PN10/PN16.
3	Maximum temperature –40° C to+120° C.

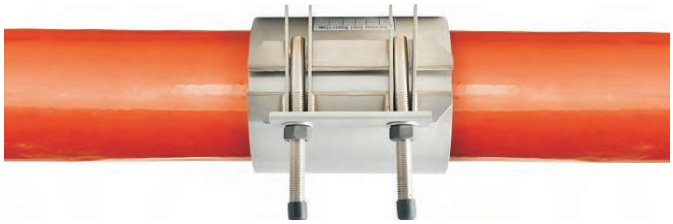
数据表 DATA SHEET



STAINLESS STEEL BAND REPAIR CLAMP

CR/ZR-1	PN	CR/ZR-2	PN	CR/ZR-3	PN	CR/ZR-4	PN	W
59-67	16							150-600
65-73	16							150-600
69-76	16							150-600
75-83	16							150-600
86-94	16	88-108	16					150-600
108-118	16	108-128	16					150-2000
113-121	16	13-133	16					150-2000
121-131	16	120-141	16					150-2000
126-136	16	168-188	16					150-2000
132-142	16	174-194	16					150-2000
145-155	16	219-239	16					150-2000
151-161	16	228-249	16					150-2000
159-170	16	238-258	16					150-2000
166-177	16	258-278	16					150-2000
170-180	16	273-293	10					150-2000
174-184	16	282-302	10					150-2000
179-189	16	295-315	10					150-2000
189-199	16	324-344	10					150-2000
218-228	16	335-356	10					150-2000
222-233	16	347-367	10					150-2000
229-239	16	357-376	10					150-2000
236-246	16	365-384	10					150-2000
248-258	16	383-402	10					150-2000
250-260	10	404-423	10					150-2000
252-263	10	421-440	10					150-2000
261-271	10	436-455	10					150-2000
271-281	10	453-472	10					150-2000
280-291	10	469-488	10					150-2000
288-298	10	488-507	10					150-2000
298-309	10	505-525	10					150-2000
300-310	10	526-545	8					150-2000
304-314	10	547-566	8					150-2000
321-331	10	562-581	8	630-660	8			150-2000
333-343	10	582-601	8	670-700	8			150-2000
340-351	10	630-650	8	720-750	8			150-2000
348-358	10	670-690	8	770-800	6			150-2000
356-366	10	720-740	8	820-850	6			150-2000
				870-900	6			150-2000
				920-950	6	920-960	6	150-2000
						1020-1060	6	150-2000
						1070-1110	6	150-2000
						1120-1160	6	150-2000
						1220-1260	6	150-2000

产品应用说明 APPLICATION DESCRIPTION



1. The leakage can be repaired without special treatment on the surface of the pipeline. Thin wall and thick wall pipes can be applied. The installation is simple and the construction cost is greatly reduced.

   管道表面无需特殊处理即可修复泄漏。薄壁和厚壁管道均可应用。安装简单，大大降低了施工成本。

2. The customer has some special requirements for the product that can also be designed and manufactured.

   如果客户有特殊要求，我们可以设计和制造。

3. Product design and manufacture in accordance with ISO9001: 2008 system. we use SS304 material as the main body of product, surface corrosion materials is authenticated by WRAS certification, making it suitable for drinking water.

   产品设计和制造符合ISO9001:2008标准，我们使用SS304材料作为产品主体，表面防腐材料通过最严格的WRAS认证，可用于饮用水。

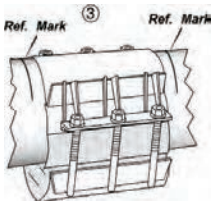
4. We provide gaskets of EPDM, NBR, and SBR, bolts and nuts of carbon steel and stainless steel, etc., long–term anti–rust protection. For this product we provide excellent protection from transportation, warehousing, anti–corrosion at site.

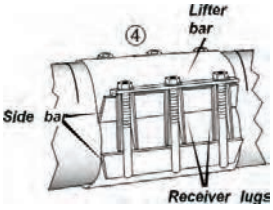
   我们提供材质为EPDM、NBR、SBR的橡胶垫和材质为碳钢、不锈钢的螺栓，用于长期防锈保护。对于该产品，我们提供卓越的运输、仓储和现场防腐保护。

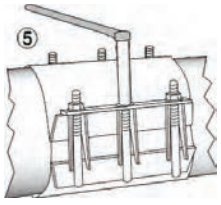
   Because this product can be connected to different pipe diameter pipeline, it can reduce your investment in the inventory.

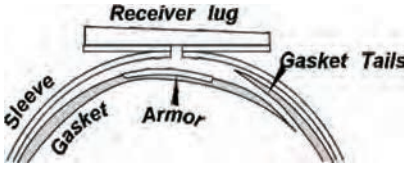
   因为该产品可以连接不同管径的管道，所以可以减少您的库存投资。

安装手册 INSTALLATION MANUAL









1. Check whether some of parts is missing in transport. Pay attention to the location of the leakage point, it is best to avoid sealing at the overlap of the rubber plate

   检查运输中是否有零件丢失。注意泄漏点的位置，最好避免密封在橡胶板的重叠处

2. Check the diameter and scope of the pipe and check the type of models, to make sure use the right products. And thoroughly clean the surface of the pipe that will use the clamp. Wrap the rubber sheet evenly around the pipe.

   检查管径和范围，检查型号，确保使用正确的产品。并彻底清洁管道的表面，将使用夹具。把橡胶板均匀地包裹在管子上。

3. Remove the nuts from the bolts, but do not remove them and clip the clamps onto the pipe. The center of the clamp is aligned with the location of the pipe to be repaired, and the appropriate gasket lubricant is applied to the roughened pipe to ensure that the product is well sealed.
   Insert the bolt into the guide plate, insert the plate into the bolt and seize the support plate.

   将螺母从螺栓上取下，但不要取下螺栓，并将夹子夹在管道上。夹紧中心对准待修管道的位置，在管道上涂上适当的垫片润滑剂，保证产品密封良好。
   将螺栓插入导板，将板插入螺栓，抓住支撑板。

4. Make sure that the gasket is not folded and tiled on the pipe surface and tighten the bolts to ensure that the cracks and holes in the pipe are repaired by the worker. Screw in gasket, nut and cross lock nut.

   确保垫片不折叠和平铺在管道表面，拧紧螺栓，确保管道上的裂缝和孔洞由工人修复。旋入垫片、螺母和十字锁紧螺母。

5. Tighten all nuts evenly to each 20lb/ft of torque increment, at first the center of the tightening nut, and other parts of the nuts, tighten all bolts after several guarantee torque to meet the requirements. In order to achieve better sealing effect, wait ten minutes later, please tighten the bolts again.

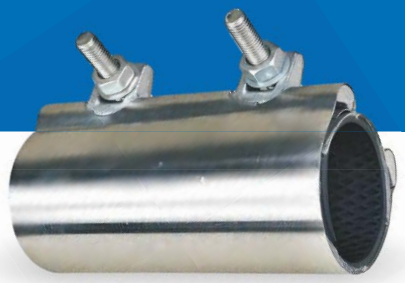
   均匀拧紧所有螺母，以每增加20lb/ft的扭矩，先拧紧螺母的中心，再拧紧其他部位的螺母，经多次拧紧保证所有螺栓的扭矩满足要求。为了达到更好的密封效果，请等待十分钟后，重新拧紧螺栓。

小型修补管夹
MINI REPAIR CLAMP

Semi Circle DN15–DN125
Full Circle 1/2"–4"

Semi/Full Circle Mini Repair Clamp provides quick repair of any pipe breakage and leakage under pressure or no pressure.
小型修补管夹可对任何管道有压或无压状态下的破损泄露进行快速修复。

Special design is allowable, welcome to contact us.
接受特殊设计，欢迎联系我们。

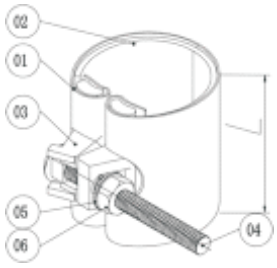


Full Circle



Semi Circle

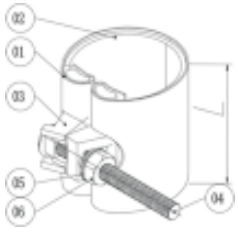
产品描述 PRODUCT DESCRIPTION



Part No.	Part Name	Material	Standard
1	Steel Plate	SS304	DIN 17224
2	Rubber Gasket	NBR	EN 681–1
3	Body	Ductile Iron	DIN 10100–80
4	Bolt	Galvanized steel 8.8 grade	DIN 103–7
5	Washer	Galvanized steel	DIN 17224
6	Nut	Galvanized steel	DIN 17224

Briefs & Features	
1	Suitable for maintenance of pipeline such as water, sewage, gas/natural gas supply, electricity, industrial production.
2	Working pressure PN10/PN16.
3	Maximum temperature –10° C to+70° C.
4	Suitable for potable water (WRAS approved), recycled water and sewage. Corrosion resistant structure.

数据表 DATA SHEET



Lenght of screw(bolt)=M10 × 90mm
Gasket thickness=3.5mm
Band thickess=0.5mm

DN	Inch	Scope	Pressure	Closing Torque
15	½	19–23	1.6Mpa	1.6Mpa
20	3/4	24–28	1.6Mpa	1.6Mpa
25	1	29–34	1.6Mpa	1.6Mpa
32	11/4	38–42	1.6Mpa	1.6Mpa
40	11/2	44–48	1.6Mpa	1.6Mpa
50	2	55–61	1.6Mpa	1.6Mpa
65	21/2	69–73/71–76/76–82	1.6Mpa	1.6Mpa
80	3	82–87/87–93/94–100/99–104	1.6Mpa	1.6Mpa
100	4	105–111/112–118/120–126	1.6Mpa	1.6Mpa
125	5	126–131/132–138/140–146	1.6Mpa	1.6Mpa

不锈钢连接修补器
STAINLESS STEEL CONNECT REPAIR CLAMP

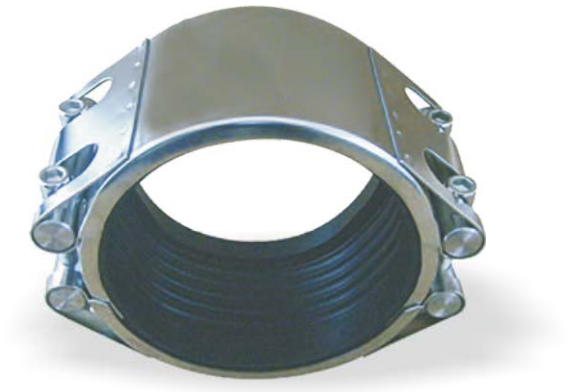
FCE OD42–OD1462

FCE Stainless Steel Repair Clamp are mainly used in the connection of new pipeline leakage can repair the aging and rusting pipeline sand holes and cracks without pressure or pipeline replacement. It is easy to install and has high construction efficiency. It can be constructed without special tools.
FCE不锈钢连接修补器主要应用于新管道的连接及管道泄漏的快速修复，可以在不停压、不换管道的情况下，对老化、锈蚀造成的管道砂眼、断裂等情况进行快速修补，安装方便，施工效率高，无需特殊工具既可施工。

FCH OD18–OD377

FCH Stainless Steel Repair Clamp is mainly used for the rapid repair of pipeline leakage. It can repair the sand holes and breaks caused by aging and rust without changing the pipeline. It is easy to install and have highconstruction efficiency. It can be operated without special tools.
FCH不锈钢连接修补器主要应用于管道泄漏的快速修复，可以在不停压、不换管道的情况下，对老化、锈蚀造成的管道砂眼、断裂等情况进行快速修补，安装方便，施工效率高，无需特殊工具既可施工。

Special design is allowable, welcome to contact us.
接受特殊设计，欢迎联系我们。



FCE



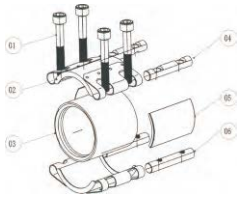
FCH

产品描述 PRODUCT DESCRIPTION

Part No.	Part Name	Material	Standard
1	Backplate	SS304	AS4181–2013
2、3	Bolts&Nuts	SS304	AS4181–2013
4	Rubber Sleeve	EPDM	ISO4633
5	Shell Steel Plate	SS304	AS4181–2013
6	Bolts	SS304	AS4181–2013



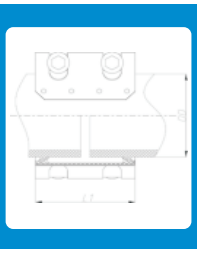
Briefs & Features	
1	Suitable for steel, iron, plastic pipes, wide range of pipe diameters.
2	Working pressure PN10/PN16.
3	Maximum temperature –10℃ to+70℃.
4	Suitable for potable water (WRAS approved), recycled water and sewage. Corrosion resistant structure.

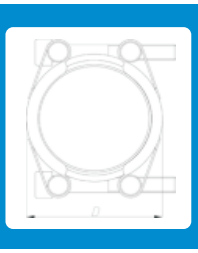


数据表 DATA SHEET

STAINLESS STEEL CONNECT REPAIR CLAMP

FCE

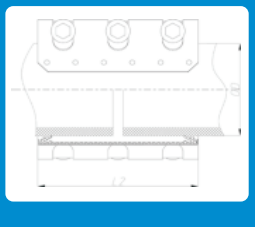


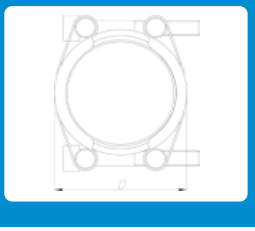


(mm)	ODmin-ODmax(mm)	Wp(bar)	A(mm)	L1(mm)	L2(mm)	D(mm)	Bolts(M)	Nm
42	42-44	16	10	57	100	65	6	15
44.5	44-45.1	16	10	57	100	65	6	15
48.6	47-49	16	10	57	100	70	6	15
54	53.6-54.6	16	10	57	100	70	8	30
57	56.3-577	16	10	57	100	80	8	30
60.3	59-62	16	10	80	139	85	8	30
63	62.2-63.9	16	10	80	139	85	8	30
76.1	75-78	16	10	80	139	100	8	30
79.9	78.8-80.8	16	10	80	139	100	8	30
88.9	88-92	16	10	107	203	110	8	30
108	106-110	16	10	107	203	130	8	50
110	108.9-111.2	16	10	107	203	130	10	50
114.3	112-116	16	10	107	203	135	10	50
118	116.6-119.2	16	10	107	203	140	10	50
125	123.6-126.5	16	10	107	203	150	10	50
133	131.5-134.4	16	10	107	203	160	10	50
140	137-143	16	10	116	203	165	10	50
159	157-161	16	10	116	203	185	12	80
165.2	163.3-166.7	16	10	116	203	190	12	80
168	166-170	16	10	116	203	195	12	80
170	168.2-171.9	16	10	116	203	195	12	80
200	198.2-201.5	16	15	155	255	240	14	80
219	217-221	10	15	155	255	250	14	80
250	250-254	10	15	155	255	285	14	100
273	271-275	10	15	155	255	305	14	100
315	313-317	10	15	155	255	340	14	100
325	323-327	10	15	155	255	360	14	100
355.6	354-358	10	15	155	255	385	14	100
377	375-379	10	15	155	255	410	14	100
400	398-402	10	15	155	255	430	14	100
406	404-408	10	15	155	255	435	14	100
426	424-428	10	15	155	255	460	14	100
429	427-431	10	15	155	255	460	14	100
480	478-482	10	15	155	255	510	14	120
500	498-502	10	15	155	255	530	14	120
508	506-510	10	15	155	255	540	14	120
530	528-532	10	15	155	255	565	14	120
558.8	557-561	9	15	155	255	590	14	120
609.6	608-612	8	15	155	255	640	16	120
630	628-632	8	15	155	255	670	16	120
635	633-637	8	15	155	255	675	16	120
711.2	709-713	7	15	155	255	745	16	120
720	718-722	7	15	155	255	760	16	120
738	736-740	7	15	155	255	780	16	120
762	760-764	7	15	155	255	795	16	150
812.8	811-815	6	15	155	255	845	16	150
842	840-844	6	15	155	255	880	16	150
914.4	912-916	5	15	155	255	945	16	150
920	918-922	5	15	155	255	960	16	150
945	943-947	5	15	155	255	985	16	150
1016	1014-1018	4	15	155	255	1050	16	150
1020	1018-1022	4	15	155	255	1060	16	150
1048	1046-1050	4	15	155	255	1090	16	150
1117.6	1116-1120	4	15	155	255	1150	16	150
1120	1118-1122	4	15	155	255	1160	16	150
1152	1150-1154	4	15	155	255	1190	16	150
1219.2	1217-1221	3.5	15	155	255	1250	16	150
1226	1224-1228	3.5	15	155	255	1270	16	150
1255	1253-1257	3.5	15	155	255	1295	16	150
1320.8	1319-1323	3	15	155	255	1350	16	150
1422.4	1420-1424	3	15	155	255	1455	16	150
1462	1460-1464	3	15	155	255	1500	16	150

STAINLESS STEEL CONNECT REPAIR CLAMP

FCH





(mm)	ODmin–ODmax(mm)	Wp(bar)	L1(mm)	L2(mm)	D(mm)	Bolts(M)	Nm
18	17–19	32	57		35	6	10
21.7	21–23	32	57		45	6	10
25	24.5–25.5	32	57		50	6	10
27.2	26–28	32	57		50	6	10
32	31.5–32.5	32	57		55	6	10
34	33–35	32	57	139	55	6	10
40	39.5–41.5	32	57	139	55	6	10
42	42–44	32	57	203	65	6	15
44.5	44–45.1	32	57	203	65	6	15
48.6	47–49	32	57	203	70	6	15
54	53.6–54.6	32	57	203	70	8	30
57	56.3–577	32	57	203	80	8	30
60.3	59–62	32	80	203	85	8	30
63	62.2–63.9	32	80	203	85	8	30
76.1	75–78	28	80	203	100	8	30
79.9	78.8–80.8	28	80	203	100	8	30
88.9	88–92	28	107	203	110	10	50
108	106–110	28	107	203	130	10	50
110	108.9–111.2	28	107	203	130	10	50
114.3	112–116	28	107	255	135	10	50
118	116.6–119.2	28	107	255	140	10	50
125	123.6–126.5	28	107	255	150	10	50
133	131.5–134.4	28	107	255	160	10	50
140	137–143	28	116	255	165	12	80
159	157–161	24	116	255	185	12	80
165.2	163.3–166.7	24	116	255	190	12	80
168	166–170	24	116	255	195	12	80
170	168.2–171.9	24	116	255	195	12	80
200	198.2–201.5	16	155	255	240	14	100
219	217–221	16	155	255	250	14	100
250	250–254	16	155	255	285	14	100
273	271–275	16	155	255	305	14	100
315	313–317	14	155	255	340	14	100
325	323–327	14	155	255	355	14	100
355.6	354–358	14	155	255	385	14	100
377	375–379	14	155	255	410	14	100

安装手册 INSTALLATION MANUEL

1. Prepare for the patch device installation.
   修补器安装前准备。
2. Draw the length of the repair device on both sides of the leak point, and try to center the leak point.
   在泄漏点两侧画出修补器的长度，尽量使泄漏点居中。
3. Insert the rubber sleeve so that the leak point is centered.
   将橡胶套套入，使泄漏点居中。
4. Symmetrically mount the guard plate, the shell steel plate, and the bolts.
   对称地安装护板、外壳钢板、带入螺栓。
5. Tighten the bolts evenly until the leakage stops.
   均匀拧紧螺栓，直至泄漏停止。
6. Installation complete.
   安装完成。



不锈钢修补连接器
STAINLESS STEEL REPAIR CLAMP CONNECTOR

FCTR OD25–OD300

FCTR Stainless Steel Repair Clamps is ring gear type pipe connector, which has strong sealing performance and tensile strength. It is used to connect PE and other non–metallic pipes. Its ring gear design can play a good role in anti–seismic, anti impact and noise reduction in pipe connection.

FCTR不锈钢修补连接器为齿环型管道连接器具有较强的密封性和抗拉脱能力，用于连接PE管以及其他非金属管道，其齿环型设计可以在管道连接中起到良好的抗震、抗冲击、降低噪音的效果。

FCD OD21.7–OD377

FCD Stainless Steel Repair Clamp can be used for quick connection of metal, cement, asbestos and other materials. Compared with the traditional flange connection, it has lower cost, convenient installation, high construction efficiency and can be operated without special tools.

FCD不锈钢修补连接器可对金属、水泥、石棉等材质的管道进行快速连接，相比于传统的法兰连接成本更低，安装方便，施工效率高，无特殊工具即可施工操作。

Special design is allowable, welcome to contact us.

接受特殊设计，欢迎联系我们。

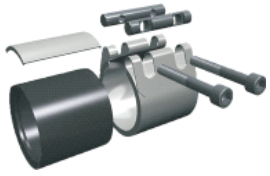


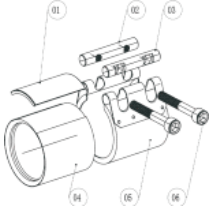
FCTR



FCD

产品描述 PRODUCT DESCRIPTION





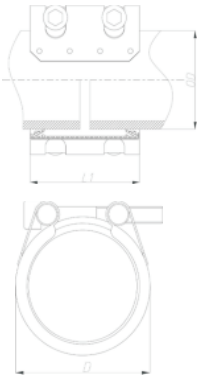
Part No.	Part Name	Material	Standard
1	Backplate	SS304	AS4181–2013
2、3	Bolts&Nuts	SS304	AS4181–2013
4	Rubber sleeve	EPDM	ISO4633
5	Shell steel plate	SS304	AS4181–2013
6	Bolts	SS304	AS4181–2013

Briefs & Features	
1	Suitable for steel, iron, plastic pipes, wide range of pipe diameters.
2	Working pressure PN10/PN16.
3	Maximum temperature –10℃ to+70℃.
4	Suitable for potable water (WRAS approved), neutral liquids and sewage. Corrosion resistant structure.

数据表 DATA SHEET

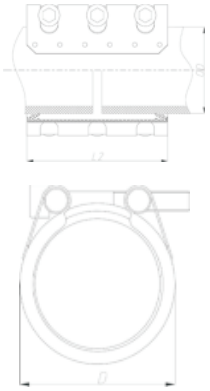
OD (mm)	ODmin-ODmax (mm)	PN (bar)	WP (bar)	OD (mm)	OD (mm)	OD (mm)
25	31-35	16	16	150	200	300
32	39-43	16	16	150	200	300
40	48-52	16	16	150	200	300
50	59-63	16	16	150	200	300
65	72-77	16	16	150	200	300
80	88-92	16	16	150	200	300
100	108-114	16	16	150	200	300
125	138-144	16	16	150	200	300
150	165-171	16	16	150	200	300
200	216-222	16	16	150	200	300
250	270-276	16	16	150	200	300
300	318-326	16	16	150	200	300

FCTR



(mm)	ODmin-ODmax(mm)	WP(bar)	L1(bar)	L2(mm)	D(mm)	Bolts(M)	Nm
21.7	21-23	16	57	—	35	6	15
25	24.5-25.5	16	57	—	50	6	15
27.2	26-28	16	57	—	50	6	15
32	31.5-32.5	16	57	—	55	6	15
34	33-35	16	57	—	55	6	15
40	39.5-41.5	16	57	—	55	6	15
42	42-44	16	57	—	65	6	15
44.5	44-45.1	16	57	—	65	6	15
48.6	47-49	16	57	100	70	6	15
54	53.3-54.6	16	57	100	70	8	30
57	56.3-57.7	16	57	100	80	8	30
60.3	59-62	16	80	139	85	8	30
63	62.2-63.9	16	80	139	85	8	30
76.1	75-78	16	80	139	100	8	30
79.9	78.8-80.8	16	80	139	100	8	30
88.9	88-92	16	107	203	110	10	50
108	106-110	16	107	203	130	10	50
110	108.9-111.2	16	107	203	130	10	50
114.3	112-116	16	107	203	135	10	50
118	116.6-119.2	16	107	203	140	10	50
125	123.6-126.5	16	107	203	150	10	50
133	131.5-134.4	16	107	203	160	10	50
140	137-143	16	116	203	165	12	80
159	157-161	16	116	203	185	12	80
165.2	163.3-166.7	16	116	203	190	12	80
168	166-170	16	116	203	195	12	80
170	168.2-171.9	16	116	203	195	12	80
200	198.2-201.5	16	155	255	240	14	100
219	217-221	10	155	255	250	14	100
250	250-254	10	155	255	285	14	100
273	271-275	10	155	255	305	14	100
315	313-317	10	155	255	340	14	100
325	323-327	10	155	255	360	14	100
355.6	354-358	10	155	255	385	14	100
377	375-379	10	155	255	410	14	100

FCD



产品应用说明 APPLICATION DESCRIPTION

1. FCTR Stainless Steel Repair Clamps is ring gear type pipe connector, which has strong sealing performance and tensile strength. It is used to connect PE and other non-metallic pipes. Its ring gear design can play a good role in anti-seismic, anti impact and noise reduction in pipe connection.

   FCTR不锈钢修补连接器为齿环型管道连接器具有较强的密封性和抗拉脱能力，用于连接PE管以及其他非金属管道，其齿环型设计可以在管道连接中起到良好的抗震、抗冲击、降低噪音的效果。

2. The simplicity and versatility of this product makes the product very easy to install and the entire line can be installed in a stressful manner. It eliminates the need to shut down the entire line during the product installation, can bring great convenience to customers.

   该产品的简单性和多功能性使其易于安装，整个生产线可以轻松安装。安装过程中避免了管道的停运，可以为客户带来极大的便利。

3. Product design and manufacture according to BS, EN, ISO 9001:2008 system and surface anti-corrosion material through the most stringent WRAS certification, so it can be used for drinking water.

   产品设计和制造符合BS、EN、ISO 9001:2008体系，表面防腐材料通过最严格的WRAS认证，可用于饮用水。

4. We provide EPDM, SBR, NBR rubber pad and carbon steel/stainless steel bolts for long term rust protection.

   我们提供材质为EPDM、SBR、NBR的橡胶垫和材质为碳钢、不锈钢的螺栓，用于长期防锈保护。



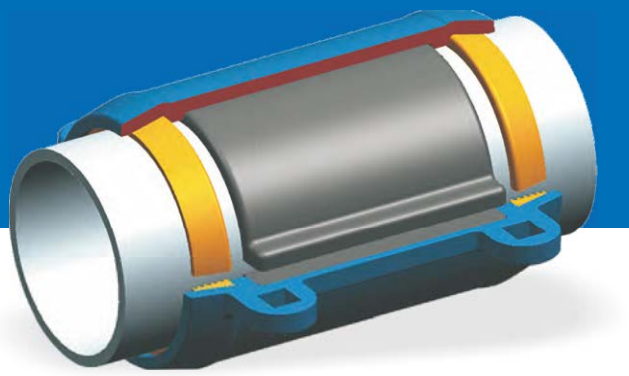
专接PVC/PE连接修补套筒
PVC/PE HALF COLLAR

OD50–OD200

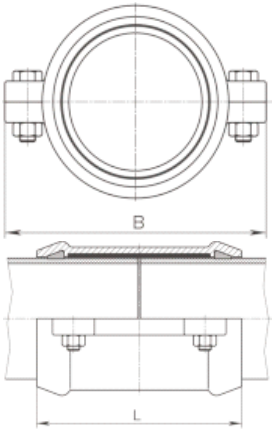
PVC/PE Half Collar quick repair of any pipe breakage and leakage under pressure or no pressure.
专接PVC/PE连接修补套筒可对任何管道有压或无压状态下的破损泄露进行快速修复。

Special design is allowable, welcome to contact us.
接受特殊设计，欢迎联系我们。





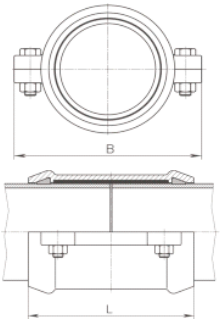
产品描述 PRODUCT DESCRIPTION



Part No.	Part Name	Material	Standard
1	Backplate	SS304	DIN 17224
2、3	Rubber Gasket	EPDM	EN 681–1
4	Support Frame	Galvanised Carbon Steel Piping	DIN 10100–80
5	Carriage Bolt	Galvanised Carbon Steel Piping	DIN 103–7
6	Gasket	SS304	DIN 17224
7	Nut	SS304	DIN 17225
	Back Guard Plate	SS304	DIN 17226

Briefs & Features	
1	Suitable for steel, iron, plastic pipes, wide range of pipe diameters.
2	Working pressure PN10/PN16.
3	Maximum temperature –40°C to+120°C.
4	Suitable for potable water (WRAS approved), neutral liquids and sewage. Corrosion resistant structure.

数据表 DATA SHEET



OD	PVC	B	L
50	50	144	164
65	65	156	170
80	80	174	174
100	100	196	195
125	125	214	195
125	125	228	220
150	150	254	245
200	200	308	316
200	200	332	350

哈夫节
HALF COLLAR

Straight Half Collar OD26–OD800
Elbow Half Collarr OD15–OD315
Socked Half Collar OD82–OD945
Flange Tee Half Collar OD110 × 65–OD630 × 400

Half collar represents the latest mechanical coupling technology for connecting a variety diameter pipe to save the installation time, install easily and remove conveniently.
哈夫节代表了最新的机械连接技术，可连接各种直径的管道，节省安装时间，安装方便，拆卸方便。

Special design is allowable, welcome to contact us.
接受特殊设计，欢迎联系我们。



Straight Half Collar



Elbow Half Collar

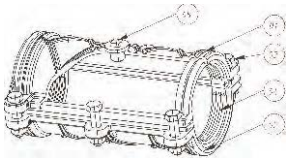


Socked Half Collar

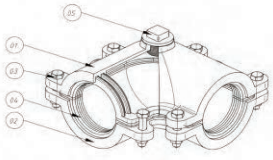


Flange Tee Half Collar

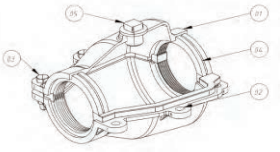
产品描述 PRODUCT DESCRIPTION



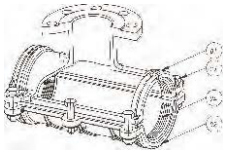
Straight Half Collar



Straight Half Collar



Socked Half Collar



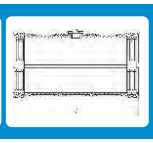
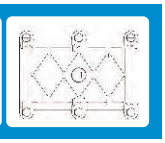
Flange Tee Half Collar

Part No.	Part Name	Material	Standard
1	Threaded Housing	QT450–10	GB/T1348 EN1563
2	Lower Housing	QT450–10	GB/T1348 EN1563
3	Bolt and Nut Gasket	Carbon Steel 4.8/8.8	GB/T16938
4	Gasket	EPDM/SBR/NBR	GB/T21873 EN681–1
5	Cap	Q235B	GB/T700

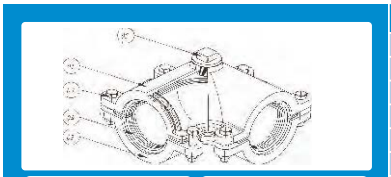
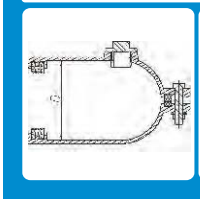
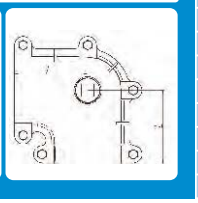
Briefs & Features	
1	Suitable for steel, iron, plastic pipes, wide range of pipe diameters.
2	Working pressure PN10/PN16.
3	Maximum temperature –10℃ to+70℃.
4	Suitable for potable water (WRAS approved), recycled water and sewage. Corrosion resistant structure.
5	Total angle deviation is +/– 6 degree.

Briefs & Features	
Coating	EN30677
Test	EN12266–1

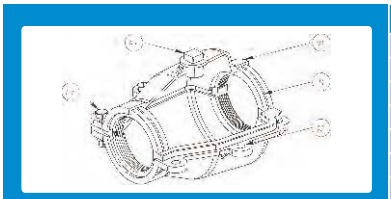
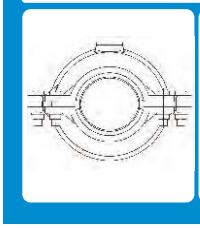
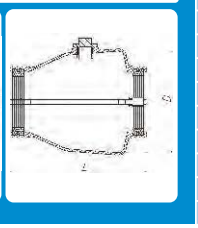
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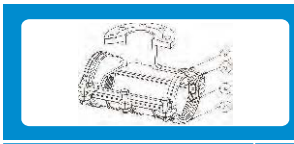
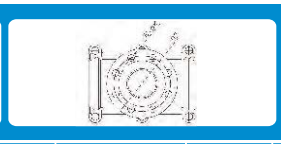
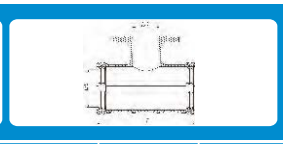
Specification	PVC	B
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32 × 100	32	100
40 × 110	40	110
40 × 200	40	200
50 × 150	50	150
50 × 200	50	200
50 × 300	50	300
60 × 150	60	150
60 × 200	0	200
60 × 300	60	300
60 × 500	60	500
75 × 200	75	200
75 × 300	75	300
75 × 400	75	400
75 × 500	75	500
90 × 200	90	200
90 × 300	90	300
90 × 400	90	400
90 × 500	90	500
90 × 1000	90	1000
110 × 200	110	200
110 × 300	110	300
110 × 400	110	400
110 × 500	110	500
110 × 1000	110	1000
125 × 200	125	200
125 × 300	125	300
125 × 400	125	400
125 × 500	125	500
160 × 200	160	200
160 × 300	160	300
160 × 400	160	400
160 × 500	160	500
16 × 1000	160	1000
200 × 200	200	200
200 × 300	200	300
200 × 400	200	400
200 × 500	200	500
200 × 1000	200	1000
225 × 200	225	200
250 × 200	250	200
250 × 300	50	300
250 × 400	250	400
250 × 500	250	500
250x1000	250	1000
315x200	315	200
315x300	315	300
315x400	315	400
315x500	315	500
315x1000	315	1000
355x500	355	500
350x1000	350	1000
400x300	400	300
400x500	400	500
400x1000	400	1000
450x500	450	500
450x1000	450	1000
500x300	500	300
500x500	500	500
500x1000	500	1000
630x300	630	300
630x500	630	500
630x1000	630	1000
710x600	710	600
800x500	800	500

Specification	OD	D	L
P15W	15	38	60
P20W	20	49	65
P25W	25	56	68
P32W	32	59	72
P40W	40	63	84
P50W	50	81	103
P65W	63	102	125
P90W	90	124	140
P110W	110	150	165
P125W	125	160	185
P160W	160	195	240
P200W	200	235	260
P250W	250	285	215
P315W	315	368	305

Specification	OD	D	L
H65	82	148	210
H80	98	170	260
H100	118	210	277
H150	170	260	280
H200	222	320	290
H250	274	380	300
H300	326	430	310
H350	378	490	325
H400	429	550	330
H500	532	666	355
H600	635	786	380
H700	738	860	430
H00	842	988	470
H900	945	1100	490
H1000	1048	1260	500
H1200	1255	1480	600

Specification	OD	Flange DN	L	D2	N	K
110x65	110	65	300	145	4	19
110x80	110	80	300	160	8	19
110x100	110	100	300	180	8	19
168x80	160	80	300	160	8	19
160x100	160	100	300	180	8	19
160x150	160	150	300	240	8	23
200x80	200	80	300	160	8	19
200x100	200	100	300	180	8	19
200x150	200	150	300	240	8	23
200x200	200	200	500	295	12	23
250x80	250	80	300	160	8	19
250x100	250	100	300	180	8	19
250x150	250	150	300	240	8	23
315x80	315	80	300	160	8	19
315x100	315	100	300	180	8	19
315x150	315	150	300	240	8	23
315x200	315	200	500	295	12	23
315x300	315	300	500	410	12	28
400x80	400	80	300	160	8	19
400x100	400	100	300	180	8	19
400x150	400	150	300	240	8	23
400x200	400	200	500	295	12	23
400x300	400	300	500	410	12	28
500x100	500	100	300	180	8	19
500x150	500	150	300	240	8	23
500x200	500	200	500	295	12	23
500x300	500	300	500	410	12	28
630x100	630	100	300	180	8	19
630x150	630	150	300	240	8	23
630x200	630	200	500	295	12	23
630x200	630	300	500	410	12	28
630x400	630	400	500	525	16	31

其他
连接产品

FLEXIBLE CONNECTION

橡胶膨胀接头
RUBBER EXPANSION JOINT

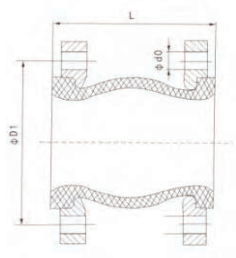
DN50–DN1400

Expansion Joint is a flexible coupling of metal pipes, which is composed of a fabric reinforced rubber and a metal flange. It has the characteristics of high pressure resistance, good elasticity, large displacement, balance pipe deviation, vibration absorption, good noise reduction, and easy installation. Can be widely used in water supply and drainage, circulating water, HVAC, fire, paper, pharmaceutical, petrochemical, ship, pump, compressor, fan and other pipeline systems.
橡胶膨胀接头是一种金属管的柔性联轴器，由织物增强橡胶和金属法兰组成。它具有耐压性高、弹性好、位移大、平衡管偏差、吸振、降噪好、安装方便等特点。可广泛应用于给排水、循环水、暖通空调、消防、造纸、制药、石化、船舶、泵、压缩机、风机等管道系统。

Special design is allowable, welcome to contact us.
接受特殊设计，欢迎联系我们。



产品描述 PRODUCT DESCRIPTION

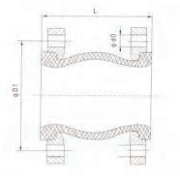


Part No.	Part Name	Material	Standard
1	Flange	Steel/DI	EN1092
2	Rubber	EPDM	ISO4633
3	Reinforcing Cord	Nylon	EN ISO1874

Briefs & Features	
1	Suitable for steel, iron pipes and other metal pipes, wide range of pipe diameters.
2	Working pressure PN10/PN16/P25.
3	Maximum temperature –15°C to+115°C.
4	Suitable for compressed air, water, seawater, oil, acid, alkali and so on.
5	Total angle deviation is 10–15 degree.

Complying Standard	
Flange drilling	EN1092–2, EN1092–1, ANSI
Coating	EN30677
Test	EN12266–1

数据表 DATA SHEET



DN	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900	1000	1200	1400
L	105	115	135	150	165	180	210	230	245	255	255	255	255	260	320	340	370	400	420	450

不锈钢补偿器
STAINLESS STEEL COMPENSATOR

DN50–DN600

Stainless Steel Compensator is used in the input and output of central air conditioning pump, fire pump, water supply pump, effectively reduce the pump vibration, absorb pipeline noise, protect equipment, extend the service life of equipment with durable, high temperature resistance, high pressure resistance, anti–corrosion, environmental protection and other advantages.

不锈钢补偿器用于中央空调泵、消防泵、给水泵的输入和输出，有效降低主机振动，吸收管道噪声，保护设备，延长设备使用寿命，具有耐用、耐高温、耐高压、防腐、环保等优点。

Special design is allowable, welcome to contact us.

接受特殊设计，欢迎联系我们。



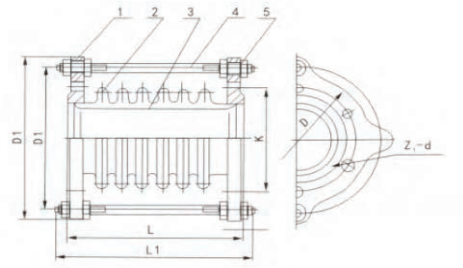
产品描述 PRODUCT DESCRIPTION

Part No.	Part Name	Material	Standard
1	Lugs	Stainless Steel	EN10088–1
2	Flange	Stainless Steel	EN1092
3	Bellow	Stainless Steel	EN10088–3
4	Draft Tube	Stainless Steel	EN10088–3
5	Pull Rod	Carbon Steel / Stainless Steel	EN10084/EN10088–3
6	Nuts	Carbon Steel 6.8, 8.8/Stainless Steel	EN10084/EN10088–3

Briefs & Features	
1	Suitable for all kinds of water piping, fire piping, air conditioning piping, steam piping, etc.
2	Working pressure PN10/PN16/PN25.
3	Maximum temperature –196°C~450°C.
4	Total angle deviation is 5–30 degree.

Complying Standard	
Flange drilling	EN1092–2, EN1092–1, ANSI
Body	EN10088–1
Test	EN12266–1

数据表 DATA SHEET



STAINLESS STEEL COMPENSATOR

DN	Overall Length (L)	Maximum Size of Bellows	Maximum Radial Dimensions	Direction						Compensation Level
				Compensator X0(mm)			Rigidity Kx0(N/mm)			
				Design Pressure Pd Mpa						
				0.6	1.0	1.6	0.6	1.0	1.6	
50	96	48	200	115	12	10	219	467	859	a
	156			31	24	20	109	233	429	b
65	100	70	230	16	12	9	261	568	1100	a
	160			32	24	19	131	284	550	b
80	100	95	250	16	12	9	304	676	1287	a
	160			32	24	18	152	338	644	b
100	124	153	290	19	15	12	466	831	1396	a
	204			38	31	25	233	415	696	b
125	128	200	330	19	15	12	533	996	1682	a
	208			38	30	24	267	1498	841	b
150	128	297	360	18	15	12	637	1170	1980	a
	208			37	29	23	318	585	990	b
200	168	527	420	36	29	24	427	702	1345	a
	288			72	58	47	214	351	973	b
250	172	769	485	36	28	23	510	851	1649	a
	292			72	57	46	255	426	825	b
300	200	1064	545	45	36	30	442	724	1384	a
	344			90	73	59	221	662	692	b
350	200	1257	610	45	66	29	475	784	1508	a
	344			90	72	58	237	392	754	b
400	204	1605	670	44	35	28	530	882	1708	a
	348			89	70	57	265	441	854	b
450	204	1987	720	45	34	28	582	980	1902	a
	348			89	69	56	291	490	951	b
500	208	2411	790	43	34	28	640	1079	2102	a
	280			64	50	42	427	719	1401	b
600	312	3452	900	73	50	38	540	1463	3202	a
	432			110	75	57	360	975	2135	b

产品应用说明 APPLICATION DESCRIPTION

1. The installation shall not hurt, scratch the bellows, burn bellows by welding splash, shall not damage the flange sealing surface;
安装时不得损伤、划伤波纹管、焊接飞溅烧伤波纹管，不得损坏法兰密封面；
2. The pump, valve and pipe must be supported, their weight must not be added to the compensator, so as not to affect the normal work of the compensator;
泵、阀门和管道必须有支撑，其重量不得加到补偿器上，以免影响补偿器的正常工作；
3. The tension rod on the compensator is a force rod, which is used to withstand the internal pressure thrust of the medium, and can not be removed;
补偿器上的拉杆是一根力杆，用于承受介质的内压推力，不能拆卸；
4. Placement shall not arbitrarily change the original length, so as not to affect the service life of the product;
放置时不得随意改变原长度，以免影响产品的使用寿命；
5. Before the use of pressure test, the fixed support of the pipeline must be installed, so as not to cause resonance during operation, so as not to affect the service life of the product due to the large expansion of the flexible bellows during operation.
在使用试压前，必须安装管道的固定支架，以免在运行过程中引起共振，以免在运行过程中由于柔性波纹管的大膨胀而影响产品的使用寿命。

不锈钢编织软管
STAINLESS STEEL FLEXIBLE PIPE

DN15–DN1000

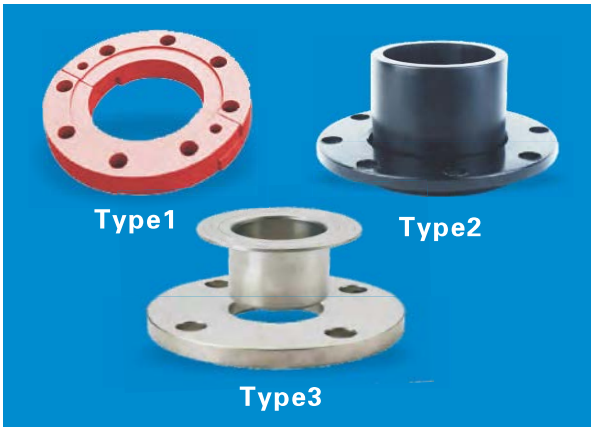
The Stainles Steel Flexible Pipe is absorption of the piping strain in the line of water, steam, oil, chemicals, etc., absorption of vibration and ground sinking.
不锈钢编织软管吸收管路中水、蒸汽、油、化学品等的应变，吸收振动和地面下沉。



活套法兰盘
LOOSE FLANGE

DN10–DN2000

The material of the loose flange can include carbon steel, stainless steel, etc.
活套法兰盘的材质可以包括碳钢、不锈钢等。
Pressure range: PN2.5~PN40.
压力范围：PN2.5 ~ PN40.
The Loose Flange can be used in Chemical industry, construction, water supply and drainage, heating, air conditioning, oil, natural gas, food and beverage and other fields.
可用于化工、建筑、给排水、采暖、空调、石油、天然气、食品饮料等领域。



碳钢平片法兰与焊接法兰盘
CARBON STEEL FLAT/WELD FLANGE

DN10–DN2000

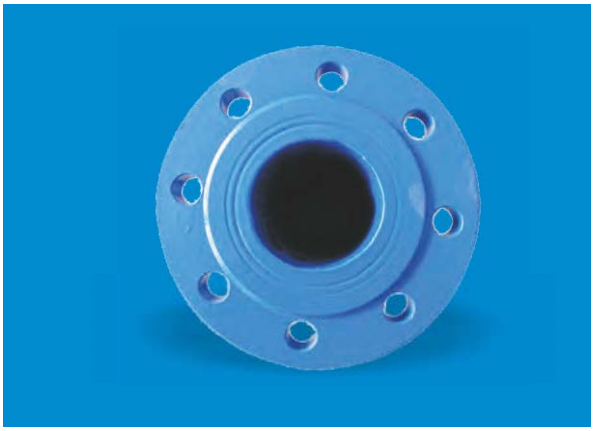
The material of the flange can include Q235、20#、A105，etc.
法兰的材质有Q235、20#、A105等。
Pressure range: PN2.5、PN6、PN10、PN16、PN25、PN40、PN63、PN100、PN160、PN250、PN320、PN400.
压力范围：PN2.5、PN6、PN10、PN16、PN25、PN40、PN63、PN100、PN160、PN250、PN320、PN400.
The Carbon Steel Flat can be used in Chemical industry, construction, water supply and drainage, heating, air conditioning, oil, natural gas, food and beverage and other fields.
碳钢平片法兰可用于化工、建筑、给排水、采暖、空调、石油、天然气、食品饮料等领域。



球铁平片法兰与焊接法兰盘
DUCTILE IRON FLAT/WELD FLANGE

DN50–DN1200

The Ductile Iron Falt Flange or Weld Flange is made of ductile iron material.
球铁平片法兰与焊接法兰盘由球墨铸铁材料制成。
Pressure range: PN10, PN16，PN25.
压力范围：PN10、PN16、PN25.
The Ductile Iron Falt/Weld Flange can be used in Chemical industry, construction, water supply and drainage, heating, air conditioning, oil, natural gas, food and beverage and other fields.
球铁平片法兰/焊接法兰盘可用于化工、建筑、给排水、采暖、空调、石油、天然气、食品饮料等领域。







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