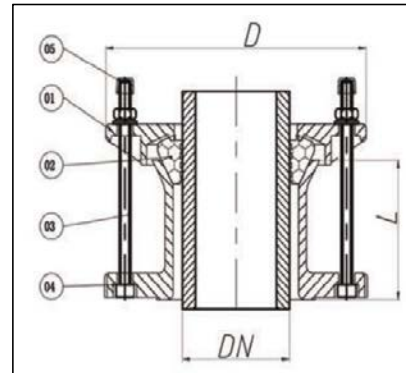




UNIVERSAL FLANGE ADAPTOR



Briefs

Connection for pipes in material ductile iron, steel, PVC, AC etc;

Working pressure PN10/16

Maximum temperature -10°C to +70°C;

Suitable for portable water, neutral liquids and sewage

WRAS approved

Standards

Flange:EN 1092-2

Coating:EN30677

Test:EN 12266-1

Features

Wide tolerance range;

Corrosion resistant construction ;

Total angular deflection of $\pm 4^\circ$.

Options

Flange drilling with BS or ANSI standard

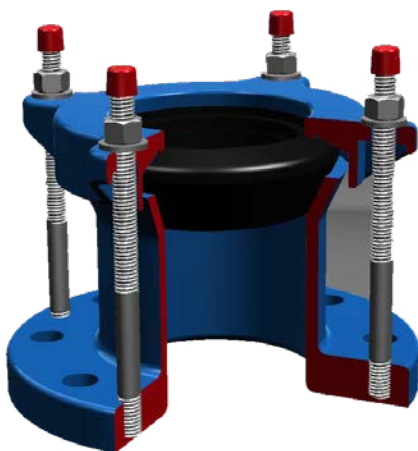
GD8.8,Stainless steel, Dacromet bolt

Various coating

Seal:NBR etc.

ITEM	DESCRIPTION	MATERIAL	STANDARD
1	END RING	EN GJS400-15	EN1563
2	FASTENER	GD 4.8	COMMERCIAL
3	GASKET	EPDM	EN 681-1
4	SLEEVE	EN GJS400-15	EN1563

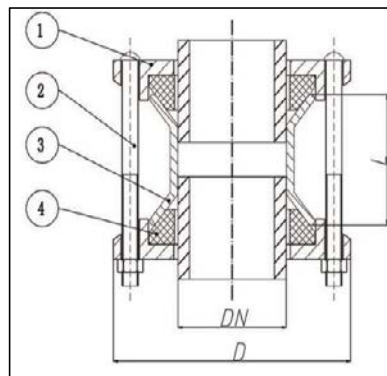
DN	RANGE	L	D	BOLT	
	mm	mm	mm	SIZE	QTY
50	59-72	75	165	M12x130	2
65	72-85	75	185	M12x130	2
80	88-103	76	185	M12x130	4
100	93-117	78	218	M12x130	4
100	105-122	78	218	M12x130	4
100	108-128	78	218	M12x130	4
125	125-140	78	250	M12x130	4
125	132-146	78	250	M12x130	4
125	138-153	78	250	M12x130	4
150	155-175	80	272	M12x130	4
150	158-182	80	272	M12x130	4
175	192-210	85	312	M12x130	4
200	218-235	85	335	M12x130	4
225	235-252	85	355	M12x130	4
225	250-267	85	405	M12x130	4
250	265-280	90	405	M12x130	6
250	272-289	90	405	M12x130	6
300	315-332	90	460	M12x130	6
300	322-339	90	460	M12x130	6
350	351-368	110	510	M16x180	8
350	374-391	110	510	M16x180	8
350	386-415	110	510	M16x180	8
400	400-429	110	580	M16x180	8
400	410-436	110	580	M16x180	8
400	418-435	110	580	M16x180	8
400	425-442	110	580	M16x180	8
450	455-472	115	640	M16x180	10
450	476-493	115	640	M16x180	10
500	500-532	120	690	M16x180	10
500	527-544	120	690	M16x180	10
600	600-630	130	790	M16x180	10
600	630-647	130	820	M16x180	10





太原方丰法兰管件有限公司
TAIYUAN FF FLANGES & FITTINGS CO., LTD.

UNIVERSAL COUPLING



Briefs

Connection for pipes in material ductile iron, steel, PVC, AC etc;

Working pressure PN10/16

Maximum temperature -10°C to +70°C;

Suitable for portable water, neutral liquids and sewage

WRAS approved

Standards

Coating: EN30677

Test: EN 12266-1

Features

Wide tolerance range;

Corrosion resistant construction;

Angular deflection of $\pm 4^\circ$.

Options

GD8.8, Stainless steel, Dacromet bolt

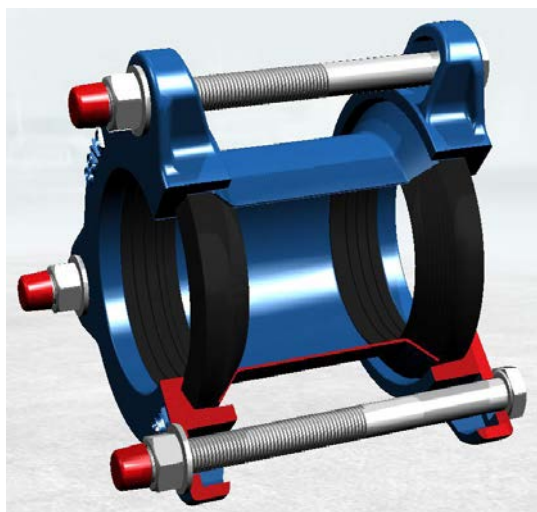
Various coating

Seal: NBR etc

Ductile iron sleeve.

ITEM	DESCRIPTION	MATERIAL	STANDARD
1	GASKET	EPDM	EN 681-1
2	FASTNER	GD 4.8	COMMERCIAL
3	SLEEVE	STEEL	EN10025
4	END RING	EN GJS400-15	EN1563

DN	RANGE	L mm	D mm	BOLT	
	mm			SIZE	QTY
50	59-72	102	165	M12x180	2
65	72-85	102	185	M12x180	2
80	88-103	102	185	M12x180	4
100	109-128	102	218	M12x180	4
125	132-146	102	250	M12x180	4
150	159-182	102	272	M12x200	4
175	192-210	130	312	M12x200	4
200	218-235	130	335	M12x220	4
250	272-289	130	405	M12x220	6
300	315-332	130	460	M12x220	6
300	322-339	130	435	M12x220	6
350	340-360	150	455	M12x250	6
350	357-368	150	518	M16x250	8
350	374-391	150	568	M16x250	8
400	400-429	150	580	M16x250	8
400	418-435	150	580	M16x250	8
400	425-442	150	625	M16x260	8
450	455-472	150	665	M16x260	10
500	500-532	150	690	M16x260	10
500	527-544	150	715	M16x260	10
500	555-572	150	715	M16x260	10
600	600-630	150	790	M16x260	10





太原方丰法兰管件有限公司
TAIYUAN FF FLANGES & FITTINGS CO., LTD.

DISMANTLING JOINT

Briefs

- Provides easy installation and disassembly of flanged equipment;
- Working pressure PN10/16/25/40;
- Maximum temperature -10°C to +70°C;
- Suitable for portable water, neutral liquids and sewage.

Standards

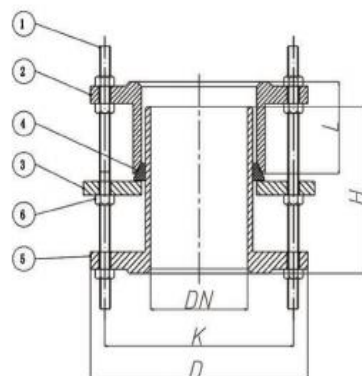
- Flange: EN 1092-2;
- Coating: EN30677;
- Test: EN12266-1.

Features

- Corrosion resistant construction;
- Studs are located on every flange hole;
- Tie rods are required from the upstream to downstream sides of the pipe equipment installation.

Options

- Flange drilling with BS or ANSI standard;
- GD8.8, Stainless steel, dacromet bolt;
- Various coating;
- Seal: NBR etc.



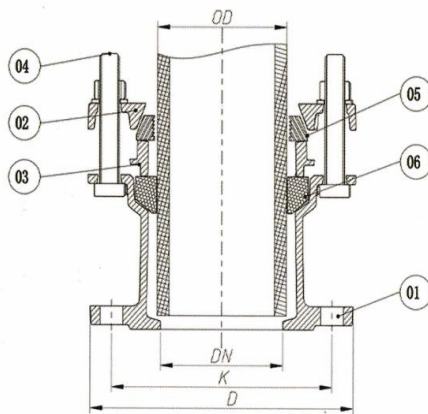
ITEM	DESCRIPTION	MATERIAL	STANDARD
1	STUD	GD4.8	COMMERCIAL
2	SHORT	EN GJS400-15	EN 1563
3	RETAINING FLANGE	EN GJS400-15	EN1563
4	GASKET	EPDM	EN 681-1
5	LONG PIECE	EN GJS400-15	EN 1563
6	NUT	GD4.8	COMMERCIAL

DN	PN10						PN16						PN25				
	L	D	K	H	STUD		L	D	K	H	STUD		L	D	K	H	STUD
40	180	150	110	330	M16×4		180	150	110	330	M16×4		190	150	110	340	M16×4
50	180	165	125	330	M16×4		180	165	125	330	M16×4		200	165	125	350	M16×4
65	180	185	145	330	M16×4		180	185	145	330	M16×4		200	185	145	350	M16×8
80	200	200	160	350	M16×8		200	200	160	350	M16×8		210	200	160	360	M16×8
100	200	220	180	350	M16×8		200	220	180	350	M16×8		220	235	190	370	M20×8
125	200	250	210	350	M16×8		200	250	210	350	M16×8		220	270	220	380	M24×8
150	200	285	240	350	M20×8		200	285	240	350	M20×8		230	300	350	390	M24×8
200	220	340	295	380	M20×8		220	340	295	380	M20×12		230	360	310	400	M24×12
250	220	400	350	380	M20×12		230	400	355	400	M24×12		250	425	370	430	M27×12
300	220	455	400	390	M20×12		250	455	410	420	M24×12		250	485	430	440	M27×16
350	230	505	460	400	M20×16		260	520	470	440	M24×16		270	555	490	470	M30×16
400	230	565	515	410	M24×16		270	580	525	460	M27×16		280	620	550	490	M33×16
450	250	615	565	430	M24×20		270	640	585	470	M27×20		280	370	600	490	M33×20
500	260	670	620	450	M24×20		280	715	650	490	M30×20		300	730	660	520	M33×20
600	260	780	725	460	M27×20		300	840	770	520	M33×20		320	845	770	560	M36×20
700	260	895	840	460	M27×24		300	910	840	520	M33×24		340	960	875	590	M39×24
800	290	1010	950	500	M30×24		320	1025	950	550	M36×24		360	1085	990	630	M45×24
900	290	1115	1050	500	M30×28		320	1125	1050	560	M36×28		380	1185	1090	660	M45×28
1000	290	1230	1160	510	M33×28		340	1255	1170	600	M39×28		400	1320	1210	690	M52×28
1200	320	1455	1380	570	M36×32		360	1485	1390	650	M45×32		450	1530	1420	780	M52×32



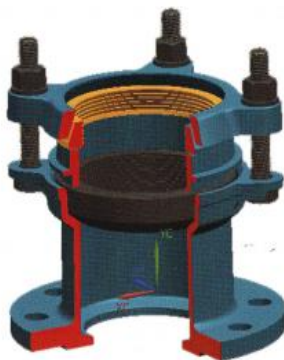
太原方丰法兰管件有限公司
TAIYUAN FF FLANGES & FITTINGS CO., LTD.

RESTRAINT UNIVERSAL FLANGE ADAPTOR



Item	Description	Material	Qty
1	Flange	DI GJS450-12	1
2	Gland	DI GJS450-12	1
3	Pressing ring	DI GJS450-12	1
4	Bolt/ Nuts	CS Gr. 4.8	N
5	Locking Ring	GJS450-12/Q235	1
6	Sealing Gasket	EPDM/NBR	1

Suitable to DI pipe, CI pipe, steel pipe, PVC pipe, PE pipe

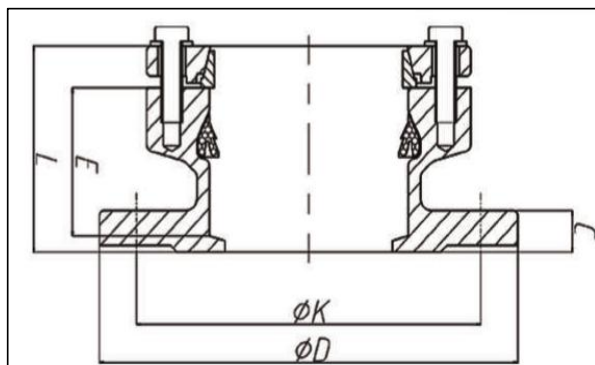


DN	Applicable pipe OD			D	K
	DI pipe	Steel pipe	PVC/PE pipe		
50	66	60.3	63	165	125
65	82	76.1	75	185	145
80	98	88.9	90	200	160
100	118	114.3	110	220	180
125	144	139.7	140	250	210
150	170	168.3	160	285	240
200	222	219.1	200	340	295
250	274	273	250	400	355
300	326	323.9	315	355	410
350	378	355.6	355	520	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



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TAIYUAN FF FLANGES & FITTINGS CO., LTD.

RESTRAINT FLANGE ADAPTOR



Briefs

Connection for HDPE pipe

Working pressure PN10/16

Maximum temperature -10°C to +70°C

Suitable for portable water, neutral liquids
and sewage WRAS approved

Standards

Flange: EN 1092-2

Coating: EN30677

Test: EN 12266-1

Features

Corrosion resistant construction

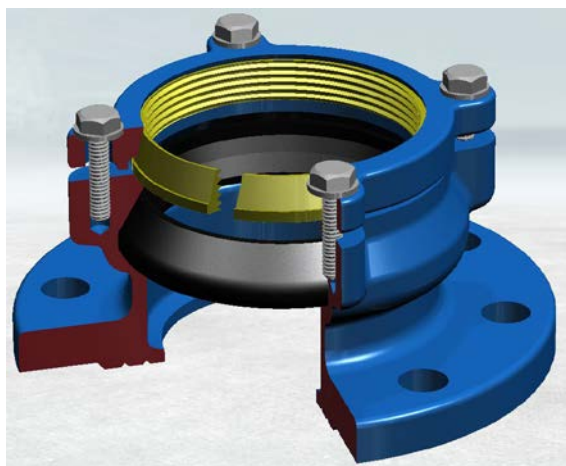
Options

Flange drilling with BS or ANSI standard
A2-70, A4-80

Various coating

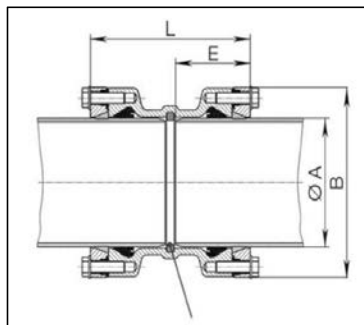
Seal: NBR etc

FLANGE DN	PIPE A	D	K	C	L	E	Bolts	
							Qty	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





RESTRAINT COUPLING



Briefs

Connection for HDPE pipe
Working pressure PN10/16
Maximum temperature -10 °C to +70°C
Suitable for portable water, neutral liquids
and sewage WRAS approved

Standards

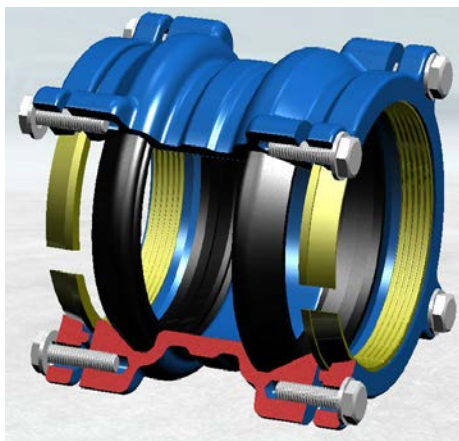
Coating: EN30677
Test: EN 12266-1

Features

Corrosion resistant construction
Angular deflection $\pm 3^\circ$

Options

A2-70, A4-80 etc
Various coating
Seal: NBR etc

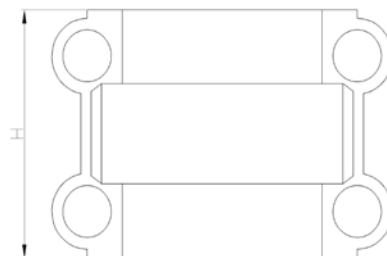
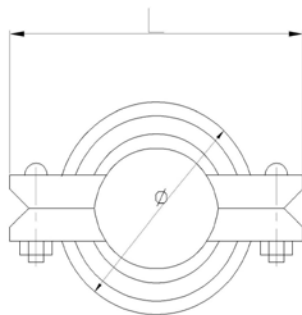


PIPE A	L	E	B
63	171	80	124
75	175	82	138
90	181	85	152
110	181	85	172
125	185	87	193
140	197	93	210
160	221	105	236
180	241	113	258
200	261	125	284
225	265	128	314
250	300	145	347
280	306	148	376
315	358	174	422
355	464	237	472



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HDPE COUPLING



The body material: ASTM A536 Gr65/45/12 Coating: Fusion Bounded Epoxy, Painted.
Bolts & Nuts: Carbon Steel, Galvanized Gasket: EPDM

Nominal Size mm/in	Pipe O.D mm/in	Working Pressure PSI/Mpa	Bolt Size	Dimensions mm/in		
			No.-Size mm	ø	L	H
50 2	60.3 2.375	300 2.07	4-M12X60	83 3.268	120 4.724	116 4.567
	63 2.48	300 2.07	4-M10X55	89 3.504	116 4.567	105 4.134
80 3	88.9 3.5	300 2.07	4-M12X75	114 4.5	116 6.535	118 4.647
	110 4.33	300 2.07	4-M12X75	137 5.394	180 7.087	110 4.331
100 4	114 4.5	300 2.07	4-M12X75	143 5.63	201 7.913	147 5.787
	160 6.299	300 2.07	4-M12X75	188 7.402	235 9.252	118 4.646
150 6	168.3 6.626	300 2.07	4-M16X85	202 7.953	252 9.921	150 5.906
200 8	219.1 8.626	300 2.07	4-M16X85	258 10.157	320 12.598	152 5.984
	252 9.921	300 2.07	4-M16X100	288 11.339	350 13.780	141 5.551
250 10	273 10.748	300 2.07	4-M20X100	313 12.323	390 15.354	165 6.496
300 12	323.9 10.748	300 2.07	4-M20X120	367 14.449	455 17.913	183 7.205

Add: A1703, Paramount International, South Yingze Street, Taiyuan, Shanxi, P.R. China. P.C.030001
Tel: +86-351-8390310 / 8390311 Cell No./WhatsApp/WeChat : +86-13303516140 Skype: lindasies
Email: ff@flanges-fittings.com Web: www.flanges-fittings.com

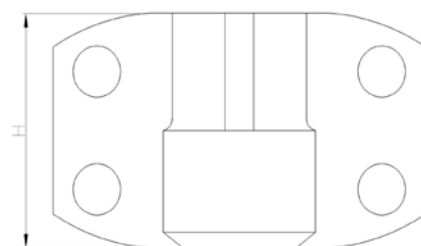
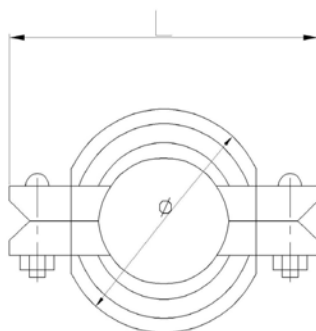


太原方丰法兰管件有限公司
TAIYUAN FF FLANGES & FITTINGS CO., LTD.

TRANSITION HDPE COUPLINGS

The body material: ASTM A536 Gr65/45/12,
Bolts & Nuts: Galvanized Carbon Steel,

Coating: Fusion Bounded Epoxy, Painted.
Gasket: EPDM

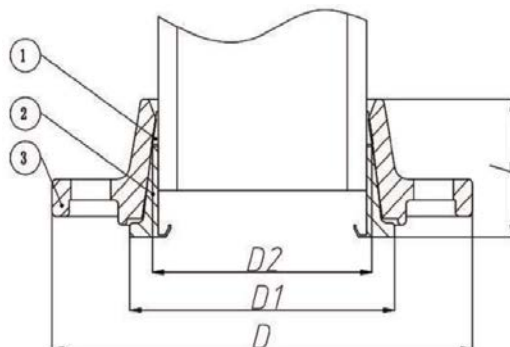
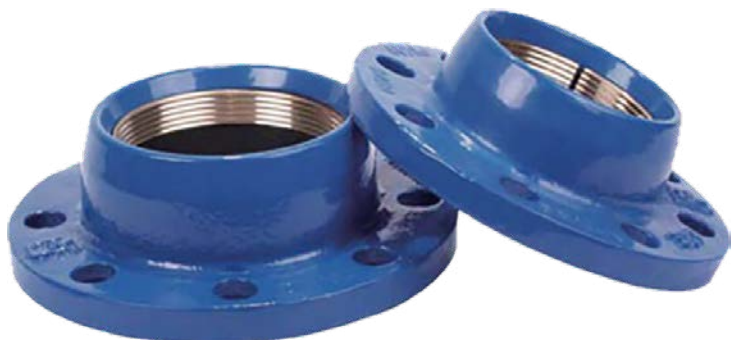


Nominal Size mm/in	Pipe O.D mm/in	Working Pressure PSI/Mpa	Bolt Size	Dimensions mm/in		
			No.-Size mm	ø	L	H
50 2	60.3 2.375	300 2.07	4-M10X55	84 3.307	146 5.748	78 3.071
80 3	88.9 3.5	300 2.07	4-M12X75	112 4.409	174 6.85	79 3.11
100 4	114 4.5	300 2.07	4-M12X75	142 5.591	208 8.189	95 3.74
150 6	168.3 6.626	300 2.07	4-M16X85	198 7.795	280 11.024	96 3.78
200 8	219.1 8.626	300 2.07	4-M16X85	260 10.236	342 13.465	107 4.213
250 10	273 10.748	300 2.07	4-M20X120	314 12.362	424 16.693	128 5.039
300 12	323.9 10.748	300 2.07	4-M20X120	368 14.488	470 18.504	129 5.079



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TAIYUAN FF FLANGES & FITTINGS CO., LTD.

PE/PVC QUICK ADAPTER



DN	NOM.O.D. (mm)	D1 (mm)	D2 (mm)	L (mm)	D (mm)
50	66	93	74	46	165
65	66	93	74	46	185
65	78	103	86	50	185
80	93	125	101	52	200
100	113	143	122	58	220
100	128	163	137	60	220
125	128	163	137	60	250
125	143	177	152	65	250
150	164	203	172	74	285
150	184	224	194	76	285
200	204	259	214	76	340
200	229	274	239	80	340
250	254	310	264	90	400
250	284	326	294	92	400
300	319	360	329	100	455
400	415	456	414	122	580

Standards

Flange: EN 1092-2;
Coating: EN30677;
Test: EN 12266-1.

Features

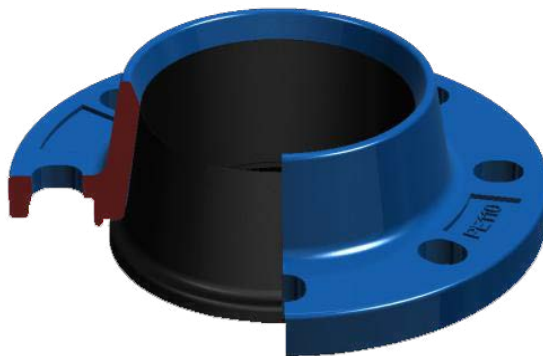
Corrosion resistant construction.

Options

Flange drilling with BS or ANSI standard;
Various coating;
Seal: NBR etc; ,
For PVC pipe without brass grip.

Briefs

Connection for pipes in material PE, PVC etc;
Working pressure PN10/16;
Maximum temperature -10°C to + 70°C;
Suitable for portable wter, neutral liquids and Sewage;
WRAS approved.





太原方丰法兰管件有限公司
TAIYUAN FF FLANGES & FITTINGS CO., LTD.

SPLIT COLLAR

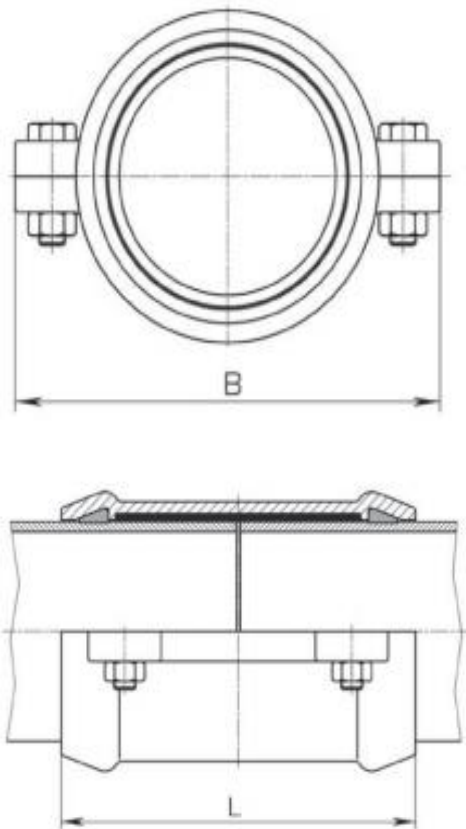
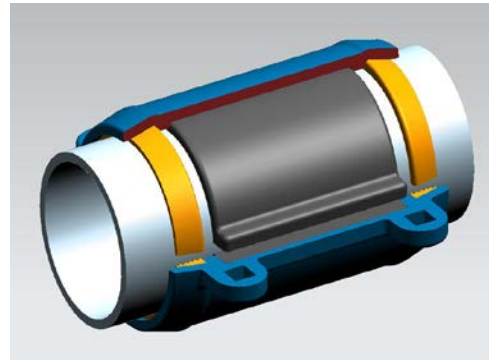
Design Features

For PVC pipes according to EN ISO 1452-2
For PE pipes according to EN 12201, DIN 8047
(thin wall PE pipes $\leq$ SDR17 need support liners).
Restraint connection for two spigot ends. It can also be used as a repair coupling.
The teeth of the grip ring do not abrade the pipe.
Also suitable as transition from PVC to PE pipes.



Material, Technical features

Body made of ductile iron, epoxy powder coated
Grip ring made of brass
Bolts made of stainless steel
Seal made of elastomer



DN	ΦPVC-Pipe	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



太原方丰法兰管件有限公司
TAIYUAN FF FLANGES & FITTINGS CO., LTD.

UNIVERSAL SELF-LOCKING FLANGE ADAPTOR



概要

-球墨铸铁、钢、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，以避免管道轴向移动。
-工作压力PN10/16；
-法兰钻孔适用于EN1092-2 PN10/16和ASME B16.5 CLASS 150和AS4087 B5；
-最高温度-10℃至+70℃；
-适用于饮用水、中性液体和污水；
- WRAS批准，

标准

-涂层: EN30677;
-试验: EN 12266-1。

特征

-宽公差范围；
-耐腐蚀结构；
-总角度偏差为±4°。

选项

符合BS或ANSI标准的法兰钻孔；
- GD8.8,不锈钢；
-各种涂层；
-密封: 丁腈橡胶等；

Briefs

-Connection for pipes in material ductile iron, steel,PVC,PE, Stainless steel, AC etc;
- Mechanicallocking by means of metal inserts in order to avoid pipe's axial movement.
- Working pressure PN10/16;
- Flange drilling hole available for EN1092-2 PN10/16 and ASME B16.5 CLASS 150 and AS4087 B5;
- Maximum temperature-10℃to+70℃;
- Suitable for portable water, neutral liquids and sewage;
- WRAS approved.

Standards.

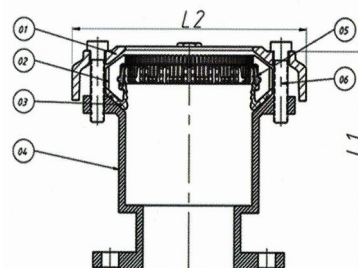
- Coating:EN30677;
- Test:EN 12266-1

Features

-Wide tolerance range
- Corrosion resistant construction;
- Total angular deflection of ±4°.

Options

-Flange drilling with BS or ANSI standard;
-GD8.8,Stainless steel
-Various coating;
- Seal:NBR etc;



Item	Description	Material	Standard
1	End ring	DI EN GJS450-12	EN1563
2	plastic piece	Plactic	
3	Gasket	EPDM	EN681-1
4	Sleeve	DI EN GJS450-12	EN1563
5	lock	Q235	EN10025
6	Bolts	CS Gr.4.8	GB/T16938

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



太原方丰法兰管件有限公司
TAIYUAN FF FLANGES & FITTINGS CO., LTD.

UNIVERSAL SELF-LOCKING COUPLING



可异径连接，不限管材

Connecting different Diameter and Different Pipe

概要

- 球墨铸铁、钢、PVC、PE、不锈钢、AC等材质管道的连接；
- 通过金属插入件进行机械锁定，以避免管道破裂轴向运动；
- 两侧独立夹紧；
- 工作压力PN10/16；
- 最高温度-10℃至+70℃；
- 适用于饮用水、中性液体和污水；
- WRAS批准。

标准

- 涂层: EN30677;
- 试验: EN 12266-1。

特征

- 宽公差范围；
- 耐腐蚀结构；
- 总角度偏差为±4°。

选项

- 符合BS或ANSI标准的法兰钻孔；
- GD8.8,不锈钢；
- 各种涂层；
- 密封: 丁腈橡胶等；

Briefs

- Connection for pipes in material ductile iron, steel, PVC, PE, Stainless steel, AC etc;
- Mechanical locking by means of metal inserts in order to avoid pipe's axial movement;
- Independent clamping on both sides;
- Working pressure PN10/16;
- Maximum temperature -10℃ to +70℃;
- Suitable for portable water, neutral liquids and sewage;
- WRAS approved.
- Working pressure PN10/16;
- Maximum temperature -10℃ to +70℃;
- Suitable for portable water, neutral liquids and sewage;
- WRAS approved.

Standards

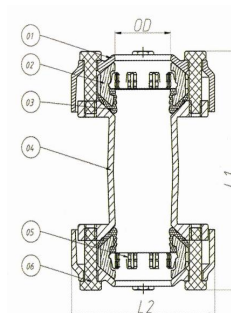
- Coating: EN30677;
- Test: EN 12266-1.

Features

- Wide tolerance range;
- Corrosion resistant construction;
- Total angular deflection of ± 4°.

Options

- Flange drilling with BS or ANSI standard;
- GD8.8, Stainless steel;
- Various coating;
- Seal: NBR etc;



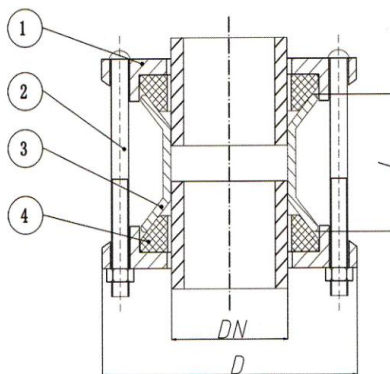
Item	Description	Material	Standard
1	End ring	DI EN GJS450-12	EN1563
2	Plastic piece	plastic	
3	Gasket	EPDM	EN681-1
4	Body	DI EN GJS450-12	EN1563
5	Lock	CS Q235	EN10025
6	Bolts	CS GR 4.8	GB/T16938

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



太原方丰法兰管件有限公司
TAIYUAN FF FLANGES & FITTINGS CO., LTD.

COUPLING FOR DI PIPE(LENGTHENED /COMMON)



Briefs

Used for Connection of ductile iron pipe

Working pressure PN10/16;

Maximum temperature -10°C to +70°C;

Suitable for portable water, neutral liquids and sewage;

WRAS approved

Standards

Coating:EN30677

Test:EN 12266-1

Features

Corrosion resistant construction;

Angular deflection of $\pm 4^\circ$.

Options

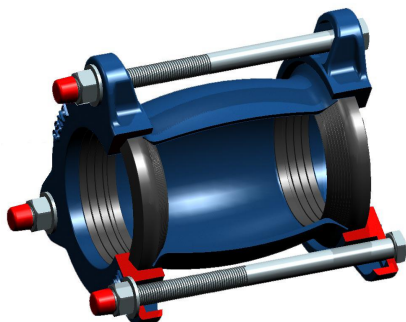
Carbon steel bolt 4.8 galvanized or dacromet coated

Stainless steel bolt

Seal: NBR etc.

ITEM	DESCRIPTION	MATERIAL	STANDARD
1	END RING	EN GJS400-15	EN 1563
2	FASTNER	CLASS 4.8	COMMERCIAL
3	GASKET	EPDM	EN 681-1
4	SLEEVE	EN GJS400-15	EN 1563

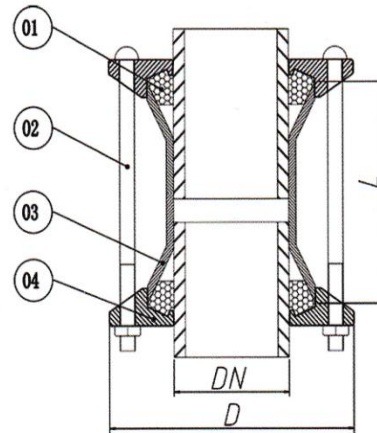
DN	NOM.O.D (mm)	O.D.TOL (mm)	SLEEVE			D (mm)	BOLT	
			T(mm)	L(mm) Lengthened	L(mm) Common		SIZE	QTY
80	98	+2.1-2.6	7.1	300	102	178	M12x170	4
100	118	+2.1-3	7.4	300	102	200	M12x170	4
125	144	+2.3-3	7.5	300	102	230	M12x170	4
150	170	+2.3-3	7.6	300	102	265	M12x170	4
200	222	+2.4-3.5	7.6	300	102	330	M12x180	6
250	274	+2.5-3.5	8	300	102	386	M12x180	6
300	326	+2.6-3.5	8.5	300	102	439	M12x180	6
350	378	+2.7-3.5	9.5	300	152	503	M12x240	8
400	429	+2.8-4	9.5	300	152	543	M12x240	8
450	480	+2.9-4	9.5	300	152	593	M12x240	10
500	532	+3-4	9.5	300	152	638	M12x240	10
600	635	+3.2-4	9.5	300	152	753	M12x250	10
700	738	+3.4-4.5	9.5		152	853	M12x260	12
800	842	+1-4.5	9.5		152	968	M12x260	12
900	945	+1-5	9.5		178	1069	M12x280	14
1000	1048	+1-5	9.5		178	1186	M12x290	14
1100	1152	+1-6	12		178	1299	M12x300	16
1200	1255	+1-6	12		178	1404	M12x310	16





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TAIYUAN FF FLANGES & FITTINGS CO., LTD.

COUPLING FOR PVC/PE PIPE



Briefs

Used for Connection of PVC/ PE pipe

Working pressure PN10/16

Maximum temperature -10°C to +70°C;

Suitable for portable water, neutral liquids and sewage;

Standards

Coating:EN30677

Test:EN 12266-1

Features

Corrosion resistant construction;

Angular deflection of $\pm 3^\circ$.

Options

Carbon steel bolt 4.8 galvanized or Dacromet coated

Stainless steel bolt

Seal: NBR etc.

ITEM	DESCRIPTION	MATERIAL	STANDARD
1	O-RING	EPDM	EN 681-1
2	FASTNER	CLASS 4.8	COMMERCIAL
3	SLEEVE	EN GJS400-15	EN 1563
4	END RING	EN GJS400-15	EN 1563

DE	L (mm)	H (mm)	D (mm)	BOLT	
				SIZE	QTY
63	125	150	137	M12x180	2
75	125	168	149	M12x180	2
90	125	154	164	M12x180	3
110	145	175	184	M12x210	3
125	145	189	199	M12x210	3
140	145	189	214	M12x220	4
160	185	215	234	M12x250	4
180	185	229	254	M12x250	4
200	185	229	274	M12x250	6
250	205	241	341	M12x280	6
315	205	241	406	M12x280	6





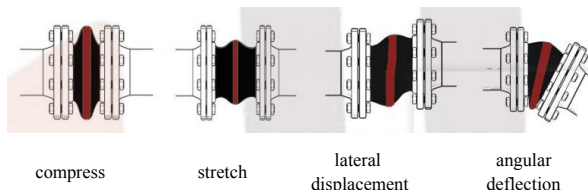
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TAIYUAN FF FLANGES & FITTINGS CO., LTD.

SINGLE SPHERE RUBBER JOINT

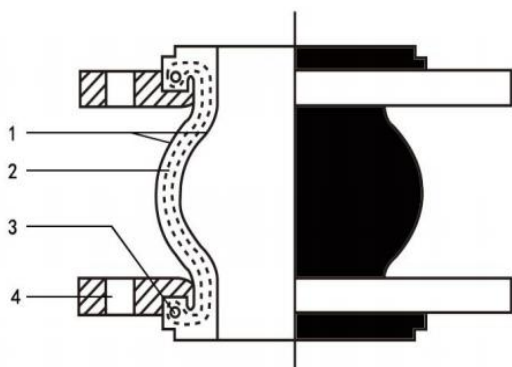


FEATURES

- 1.Allow movement in four directions
- 2.Synthetic rubber, nylon cord precision molding
- 3.The ability to absorb vibration and noise
- 4.High pressure resistant
- 5.Anti-corrosion
- 6.Use floating flange for easy installation



NO.	NAME	MATERIAL
1	Outer, inner glue	Natural rubber, diethylene-propylene, butadiene rubber, fluorine rubber, neoprene rubber, etc
2	The main body skeleton	Nylon cord fabric
3	Pressurized ring	Multistrand (wire) rope
4	Flange	Galvanized carbon steel, plastic sprayed carbon steel, ductile iron, stainless steel, etc



Main Connection Dimensions

Inside nominal diameter		Length (mm)	Axial displacement		lateral displacement (mm)	angle of deflection (a1+a2)°	Special length (mm)
			extension (mm)	compress (mm)			
32	1 1/4	95	9	6	9	15	130/150/200
40	1 1/2	95	10	6	9	15	130/150/200
50	2	105	10	7	10	15	130/150/200
65	2 1/2	115	13	7	11	15	130/150/200
80	3	135	15	8	12	15	130/150/200
100	4	150	19	10	13	15	130/200
125	5	165	19	12	13	15	130/150/200
150	6	180	20	12	14	15	130/150/200
200	8	210	25	16	22	15	130/150/200
250	10	230	25	16	22	15	130/150/200
300	12	245	25	16	22	15	130/150/200
350	14	255	25	16	22	15	130/150/200
400	16	255	25	16	22	15	130/150/200
450	18	255	25	16	22	15	200
500	20	255	25	16	22	15	200
600	24	260	25	16	22	15	300
700	28	260	25	16	22	15	300
800	32	260	25	16	22	15	300
900	36	260	25	16	22	15	300
1000	40	260	26	18	24	15	300
1200	48	260	26	18	24	15	300

*The dimension range is DN40-DN1200, Special size and length can also be customized, please contact us for specific data.

Operation condition

Operation temperature	-15~80℃ (-30~150℃)
Operation pressure	6~40 bars (PN6~PN40)
Test pressure	1.5 times the working pressure
Burst pressure	2 times the working pressure
Applicable medium	Air, water, sewage, seawater, acid, alkali, oil, etc.



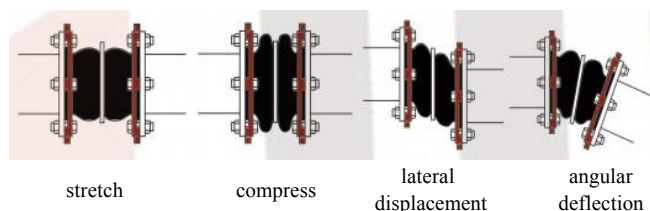
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TAIYUAN FF FLANGES & FITTINGS CO., LTD.

DOUBLE SPHERE RUBBER JOINT

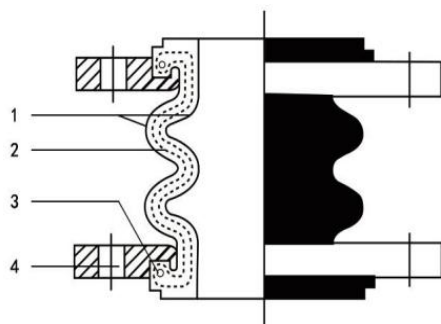


FEATURES

- 1.Allow movement in four directions
- 2.Synthetic rubber, nylon cord precision molding
- 3.The ability to absorb vibration and noise
- 4.High pressure resistant
- 5.Anti-corrosion
- 6.Use floating flange for easy installation



NO.	NAME	MATERIAL
1	Outer, inner glue	Natural rubber, diethylene-propylene, butadiene rubber, fluorine rubber, neoprene rubber, etc
2	The main body skeleton	Nylon cord fabric
3	Pressurized ring	Multistrand (wire) rope
4	Flange	Galvanized carbon steel, plastic sprayed carbon steel, ductile iron, stainless steel, etc



Main Connection Dimensions

Inside nominal diameter		Length (mm)	Axial displacement		lateral displacement (mm)	angle of deflection (a1+a2)°
mm	inch		extension (mm)	compress (mm)		
40	1 1/2	165	30	50	45	35
50	2	165	30	50	45	35
65	2 1/2	170	30	50	45	35
80	3	175	35	50	45	35
100	4	225	35	50	40	35
125	5	225	35	50	40	35
150	6	225	35	50	40	35
200	8	325	35	50	40	35
250	10	325	35	60	35	30
300	12	325	35	60	35	30
350	14	350	35	60	35	30
400	16	350	35	60	35	30
450	18	350	35	60	35	30
500	20	350	35	60	35	30
600	24	400	35	60	35	30

*The dimension range is DN40-DN1200, Special size and length can also be customized, please contact us for specific data

*Flange standard is DIN, ANSI, JIS etc.

*Higher temperatures affect movement and pressure. As the temperature increases, the rating must decrease accordingly.

*The pressure shown is the recommended "run" pressure, the test pressure is 1.5 times the "running" pressure

*Retractable rubber joints can be operated under the assessed temperature and pressure in fluid delivery pipelines or equipment. Normal precautions should be taken to ensure that these components are installed correctly and checked regularly. Precautions should be taken to protect personnel in the event of a spill or splash.

*Provide OEM and ODM.