GRIP PRODUCTS

GRIP-G

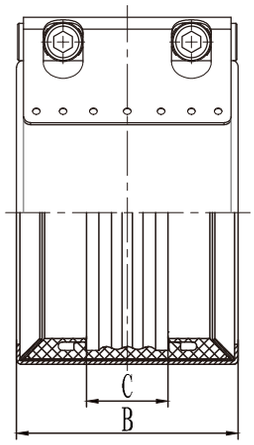
Axially Restrained With Double Anchor Rings Coupling

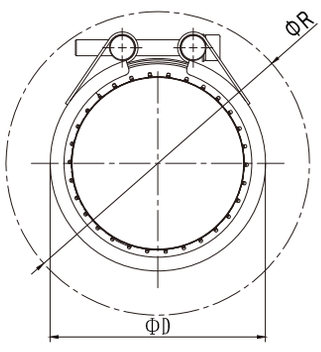
The GRIP-G coupling is designed to replace the need for flanging, welding, pipe grooving and pipe threading by providing a quick and easy solution to joining plain-end pipe.

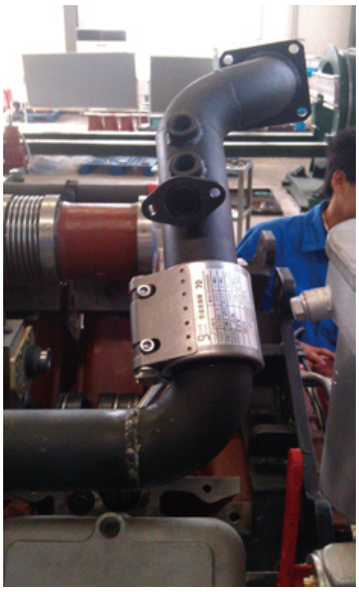
The GRIP-G has two anchor rings which are placed adjacent to, but separate from, the sealing mechanism.

Suitable for pipes O.D **φ26.9-φ273**mm

Outside view







Material / Components	V1	V2	V3	V4	V5	V6
Casing	AISI 304	AISI 316L	AISI 316TI	AISI 316L	AISI 316TI	
Bolts	AISI 304	AISI 316L	AISI 316L	AISI 304	AISI 304	
Bars	AISI 304	AISI 316L	AISI 316L	AISI 304	AISI 304	
Anchoring ring	AISI 301	AISI 301	AISI 301	AISI 301	AISI 301	
Strip insert (optional)	AISI 301	AISI 301	AISI 301	AISI 301	AISI 301	

Note:
1: Strip insert can be customized in AISI 316L/316TI
2: Please consult the BJ-GRIP technical department or its Agents when what you need is beyond the range of normal specification

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Pipe outside diameter		Clamping range	Working pressure		Product O.D.	Width	Distance between sealing slips	Setting gap between pipe ends		Torque rate	Bolt
O.D.		Min-Max			Φ D	B	C	without strip insert	with strip insert (Max)		
(mm)	(In.)	(mm)	(bar)	(bar)	(mm)	(mm)	(mm)	(mm)	Max (mm)	(Nm)	M
26.9	1.059	26-28	18	46	43	61	26	5-8	10	8	
30	1.181	29-31	18	46	46	61	26	5-8	10	8	M6×2
33.7	1.327	32-35	18	40	50	61	26	5-8	10	8	
38	1.496	37-39	18	35	57	61	26	5-8	10	10	
42.4	1.669	41-43	18	32	61.3	61	26	5-8	10	10	
44.5	1.752	44-45	18	32	63.4	61	26	5-8	10	10	
48.3	1.902	47-49	18	32	67.2	61	26	5-8	10	10	M8×2
54	2.126	53-55	18	32	73	76	37	5-10	15	10	
57	2.244	56-58	18	32	76	76	37	5-10	15	10	
60.3	2.374	59-61	18	32	79.2	76	37	5-10	15	10	
66.6	2.622	64-68	18	32	88.7	95	37	5-10	25	20	
70	2.756	68-71	18	32	92	95	41	5~10	25	20	
73	2.874	72-74	18	32	95	95	41	5-10	25	20	
76.1	2.996	75-77	18	32	98.2	95	41	5-10	25	20	
79.5	3.130	78-81	18	32	101.6	95	41	5-10	25	20	
84	3.307	83-85	18	32	106	95	41	5-10	25	20	
88.9	3.500	88-90	18	32	111	95	41	5-10	25	20	M8×2
100.6	3.961	99-102	16	32	123	95	41	5-10	25	25	
101.6	4.000	100-103	16	32	123.7	95	41	5-10	25	25	
104	4.094	103-105	16	32	126	95	41	5-10	25	25	
108	4.252	106-109	16	32	130	95	41	5-10	25	25	
114.3	4.500	113-116	16	30	136.4	95	41	5-10	25	25	
127	5.000	126-128	16	25	151	110	54	5-10	35	40	
129	5.079	128-130	16	25	153	110	54	5-15	35	40	
130.2	5.126	129-132	16	25	154.3	110	54	5-15	35	40	
133	5.236	131-135	16	25	157	110	54	5-15	35	40	
139.7	5.500	138-142	16	25	163.8	110	54	5-15	35	40	M10×2
141.3	5.563	140-143	16	25	165.4	110	54	5-15	35	40	
154	6.063	153-156	16	25	176.4	110	54	5-15	35	40	
159	6.260	158-161	16	25	183	110	54	5-15	35	40	
168.3	6.626	167-170	16	22	189	110	54	5-15	35	40	
193.7	7.626	192-196	10	22	215	142	80	15-20	40	60	
200	7.874	198-202	10	22	222	142	80	15-20	40	60	
204	8.031	202-206	10	22	224	142	80	15-20	40	60	
206	8.110	204-208	10	22	234	142	80	15-20	40	60	
219.1	8.626	216-222	10	22	250	142	80	15-20	40	60	
244.5	9.626	242-247	10	20	275	142	80	15-20	40	60	M12X2
250	9.843	247-253	10	20	279	142	80	15-20	40	60	
254	10.000	251-257	10	20	282	142	80	15-20	40	60	
256	10.079	253-259	10	20	284	142	80	15-20	40	60	
267	10.512	264-270	10	20	297	142	80	15-20	40	60	
273	10.748	270-276	10	20	303	142	80	15-20	40	60	

Note:

Above table shows most common sizes, couplings can be customized for special outside diameters. Please contact us for further details.

Working pressure for marine applications. Minimum burst is 4 times working pressure. Figures are based on typical values for standard wall carbon steel pipe.

Working pressure for industrial and land-based applications. Minimum burst is 1.5 times working pressure.

Figures are based on typical values for standard wall carbon steel pipe.

Typing erros may occurs, technical details are subject to change as improvements of products.