

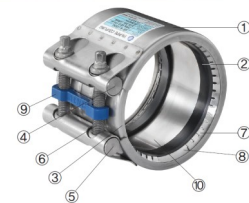
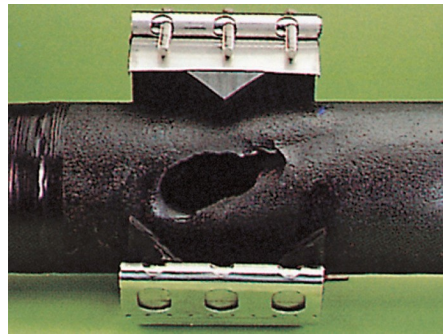
PIPE COUPLING Technology Revolution!

YN PIPE COUPLING

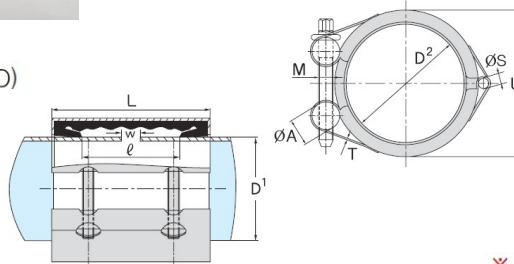


REPAIR CLAMP HINGE COUPLING

Pipes Repair Clamp Joints



Model 5 : RCH-S
(REPAIR CLAMP HINGE - STANDARD)



No	Component	Material
1	Case	SUS 304 / SUS 316L
2	Rubber	EPDM Water, air, powder, transfer tube, etc. (-30°C~+90°C)
		NBR Various types of oil and gas transfer tube, etc. (-20°C~+70°C)
		SILICONE High-temperature steam transfer tube, etc. (-50°C~+200°C)
		VITON For high-temperature chemical transfer tube, etc. (-30°C~+230°C)
3	Slide Plate	SUS 304 / SUS 316L
4	Round Bar Washer	SUS 304 / SUS 316L
5	Round Bar Nut	SUS 304 / SUS 316L
6	Bolt	SUS 304 / SUS 316L
7	Grip Ring	SUS 304H / 301H
8	Grip Insert	SUS 304
9	Spacer	Special rubber for antilock: orange=NBR, blue=EPDM
10	Insert-Plate	PE, SUS 304(Option)

*Recommend to using the Insert-Plate when the temperatures of over 40°C or a vacuum line.

※ PIPE O.D. specs are available for all sizes.

RCH-S (15A~1,000A)

Size ND	O/D(mm)			Range D2	M	L	ℓ	U	W.P	W.T	P N.m(kgf/cm)		
	D1												
15A 1.2"	21.3	21.7	22.0	O/D±0.3	M6 × 40L	57	32	46	18	0.2	3~5	(30~50)	
20A 3/4"	26.9	26.7	27.2	O/D ±0.5	M6 × 40L	57	32	46	18	0.2	3~5	(30~50)	
25A 1"	33.4	33.7	34.0	O/D ±0.6	M6 × 40L	57	32	51	18	0.25	3~5	(30~50)	
32A 1-1/4"	42.2	42.4	42.7	O/D ±0.6	M8 × 50L	57	32	62	18	0.35	4~6	(40~60)	
40A 1-1/2"	40.9	44.5	48.3	48.6	O/D ±1.0	M8 × 50L	57	32	66	18	0.35	4~6	(40~60)
50A 2"	54.0	57.0	60.3	60.5	O/D ±1.0	M10 × 65L	80	46	81	16	0.8	8~10	(80~100)
65A 2-1/2"	66.7	69.0	73.0	76.3	O/D ±1.0	M10 × 65L	80	46	100	16	0.86	8~10	(80~100)
80A 3"	79.8	84.0	88.9	89.1	O/D ±1.5	M12 × 80L	107	65	115	14	1.6	20~25	(200~250)
90A 3-1/2"	98.0	101.6			O/D ±1.5	M12 × 80L	107	65	144	14	1.7	20~25	(200~250)
100A 4"	106.3	108.0	114.3	118.0	O/D ±1.5	M12 × 80L	107	65	144	14	1.7	20~25	(200~250)
125A 5"	129.0	133.0	139.8	141.3	O/D ±1.5	M14 × 95L	117	71	175	12	2.9	30~35	(300~350)
150A 6"	154.0	159.0	165.2	168.3	O/D ±1.5	M14 × 95L	117	71	196	12	3.3	30~35	(300~350)
200A 8"	204.0	216.3	219.1		O/D ±2.0	M16 × 130L	155	80	260	10	6.7	40~50	(400~500)
250A 10"	254.0	267.4	273.1		O/D ±2.0	M16 × 130L	155	80	300	10	7.5	40~50	(400~500)
300A 12"	304.0	318.5	323.9	325.0	O/D ±2.0	M18 × 140L	155	80	350	10	9.0	60~80	(600~800)
350A 14"	340.0	355.6	377.0	368.0	O/D ±2.0	M18 × 140L	155	80	400	10	10.4	60~80	(600~800)
400A 16"	406.4	414.5	419.0	429.0	O/D ±2.5	M18 × 140L	155	94	450	10	11.0	80~100	(800~1000)
450A 18"	457.2	465.3	480.0		O/D ±2.5	M18 × 150L	155	94	500	10	12.8	80~100	(800~1000)
500A 20"	508.0	516.9	532.0		O/D ±3.0	M18 × 150L	155	94	550	10	13.6	100~120	(1000~1200)

ND: Nominal Diameter (A) E: Allowable Shrinkage/Expansion Clearance (m/m) D1: Actual Outer Diameter of Pipe (m/m) D2: Min./Max. Allowable Limit for Pipe (m/m)

U: Outer Diameter of Coupling (m/m) M: Fastener Bolt Size/Length (m/m) W/P: Working Pressure (kgf/cm²) W/T: Weight Per Unit (kg) L: Coupling Width (m/m) P: Optimum Locking Torque Value Nm (kgf-cm)

A technology revolution in PIPE COUPLING for installing new pipelines and repairing bursts!

- ▶ Short construction period
- ▶ Maximum economic benefits from reduced use of raw materials
- ▶ Easy installation and repairs of pipelines
- ▶ Longer product lifespan

