

Repair Coupling

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TEEKAY
the pipe coupling 



The Teekay Repair Coupling is ideal for all situations where you need to make a permanent repair under pressure. Simply open up the coupling, wrap it around the pipe and fasten – you have repaired the pipeline in minutes and avoided the need for costly downtime.

The Repair Coupling comes with no loose parts and features our standard gasket which actively seals onto the pipe. The range is available up to 3000 mm OD and in widths up to 410 mm wide. The Teekay Repair Coupling is used throughout the water, process, oil & gas and marine industries.

Material Selection

Type I

Casing: AISI 304 / DIN 1.4301

Fasteners: Alloy Steel, Coated

Gasket: EPDM/NBR/H-NBR/FKM/VMQ

Type II

Casing: AISI 304 / DIN 1.4301

Fasteners: AISI 316 / 316L

Gasket: EPDM/NBR/H-NBR/FKM/VMQ

Type IV

Casing: AISI 316L / DIN 1.4404

Fasteners: AISI 316 / 316L

Gasket: EPDM/NBR/H-NBR/FKM/VMQ

Type V

Casing: High strength steel

Coating: Rilsan/PVC/
Epoxy/Galvanized

Fasteners: Alloy Steel, Coated

Gasket: EPDM/NBR/H-NBR/FKM/VMQ

Type VI

Casing: High strength steel

Coating: Rilsan/PVC/
Epoxy/Galvanized

Fasteners: AISI 316 / 316L

Gasket: EPDM/NBR/H-NBR/FKM/VMQ



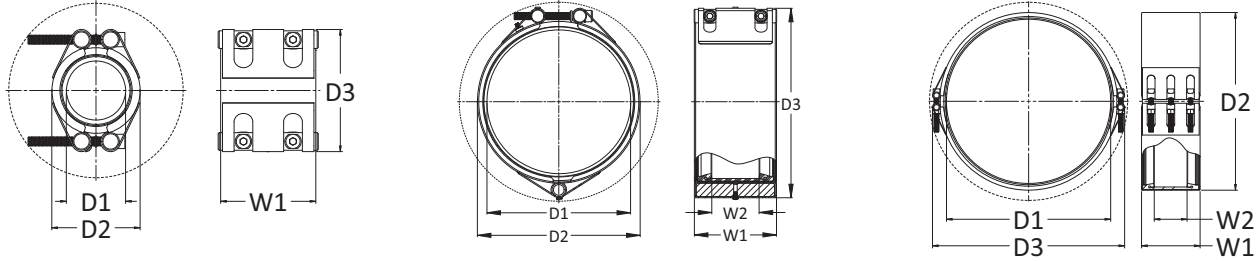
Sizes: 48.3 mm to 3000.0 mm

Gaskets: EPDM -40°C to +100°C, NBR -20°C to +80°C, HNBR -20°C to +130°C, FKM -20°C to +180°C, VMQ -70°C to +200°C (water), -70°C to +180°C (steam)

Pipe Materials: Carbon steel, cast and ductile iron, stainless steel, copper, cunifer, GRP, asbestos cement, HDPE, MDPE, PVC, uPVC, ABS

1.4462 Duplex casings and fasteners available on request.

Repair Coupling Dimensions



D1 Pipe O.D.	Pipe Nominal Bore	Available Coupling Widths:						Working Pressure Available in the following PN ratings:	W2	D2 Coupling O.D. = D1 (mm) + the following:
		(mm)	85 mm	110 mm	140 mm	210 mm	310 mm			
Teekay Repair Couplings are available to suit any pipe O.D. up to 3000 mm. Please contact us with OD prior to order placement.	40	●						16 / 25 / 40	42	20
	50	●						16 / 25 / 40	42	20
	75		●					16 / 25 / 40	67	22
	100			●				16 / 25 / 40	67	22
	150			●	●			16 / 25 / 40	67 / 80	22 / 28
	200			●	●	●		16 / 25 / 40	67 / 80 / 120	22 / 28 / 42
	250			●	●	●		16 / 25 / 40	67 / 80 / 120	22 / 28 / 42
	300			●	●	●	●	10 / 16 / 25	67 / 80 / 120 / 220 / 320	22 / 28 / 42 / 42 / 42
	350				●	●	●	10 / 16 / 25	80 / 120 / 220 / 320	28 / 42 / 42 / 42
	400				●	●	●	10 / 16 / 25	80 / 120 / 220 / 320	28 / 42 / 42 / 42
	450				●	●	●	10 / 16 / 25	80 / 120 / 220 / 320	28 / 42 / 42 / 42
	500				●	●	●	6 / 10 / 16	80 / 120 / 220 / 320	28 / 42 / 42 / 42
	600				●	●	●	6 / 10 / 16	80 / 120 / 220 / 320	28 / 42 / 42 / 42
	700				●	●	●	6 / 10 / 16	80 / 120 / 220 / 320	28 / 42 / 42 / 42
	800				●	●	●	6 / 10 / 16	80 / 120 / 220 / 320	28 / 42 / 42 / 42
	900				●	●	●	2.5 / 6 / 10	80 / 120 / 220 / 320	28 / 42 / 42 / 42
	1000				●	●	●	2.5 / 6 / 10	80 / 120 / 220 / 320	28 / 42 / 42 / 42
	1100				●	●	●	2.5 / 6 / 10	80 / 120 / 220 / 320	28 / 42 / 42 / 42
	1200				●	●	●	2.5 / 6 / 10	80 / 120 / 220 / 320	28 / 42 / 42 / 42
	1300				●	●	●	2.5 / 6	80 / 120 / 220 / 320	28 / 42 / 42 / 42
	1400				●	●	●	2.5 / 6	80 / 120 / 220 / 320	28 / 42 / 42 / 42
	1500				●	●	●	2.5 / 6	80 / 120 / 220 / 320	28 / 42 / 42 / 42
	1600					●	●	2.5 / 6	120 / 220 / 320	42 / 42 / 42
	1700					●	●	2.5 / 6	120 / 220 / 320	42 / 42 / 42
	1800					●	●	2.5 / 6	120 / 220 / 320	42 / 42 / 42
	1900					●	●	2.5 / 6	120 / 220 / 320	42 / 42 / 42
	2000					●	●	2.5 / 6	120 / 220 / 320	42 / 42 / 42
	2100					●	●	2.5	120 / 220 / 320	42 / 42 / 102
	2200					●	●	2.5	120 / 220 / 320	42 / 42 / 102
	2300					●	●	2.5	120 / 220 / 320	42 / 42 / 102
2400					●	●	2.5	120 / 220 / 320	42 / 42 / 102	
2500					●	●	2.5	120 / 220 / 320	42 / 42 / 102	
2600					●	●	2.5	120 / 220 / 320	42 / 42 / 102	
2700					●	●	2.5	120 / 220 / 320	42 / 42 / 102	
2800					●	●	2.5	120 / 220 / 320	42 / 42 / 102	
2900					●	●	2.5	120 / 220 / 320	42 / 42 / 102	
3000					●	●	2.5	120 / 220 / 320	42 / 42 / 102	

As illustrated above, Teekay Repair Couplings can be supplied in hinged or double lockpart versions to suit applications where tolerance or accessibility may be critical.

D3 Overall Coupling O.D. = D1 (mm) + the following:	Number of Screws	Approximate Weight	Maximum Allowable Tolerance on Pipe O.D. +/-	Pipe Nominal Bore	D1 Pipe O.D.
(mm)		(KG)	(mm)	(mm)	
58	4	2.2	2	40	
58	4	2.6	2	50	
66	2	3	2	75	
66	2	3	2	100	
66 / 88	2 / 2	4 / 5	2.5 / 2.5	150	
66 / 88 / 102	2 / 2 / 2	4 / 6 / 10	3 / 3 / 3	200	
66 / 88 / 102	2 / 2 / 2	5 / 6 / 10	3 / 3 / 3	250	
66 / 88 / 102 / 102 / 102	2 / 2 / 2 / 4 / 6	5 / 7 / 11 / 21 / 27	3 / 4 / 4 / 4 / 4	300	
88 / 102 / 102 / 102	2 / 3 / 4 / 6	8 / 13 / 22 / 29	4 / 4 / 4 / 4	350	
88 / 102 / 102 / 102	2 / 3 / 4 / 6	9 / 15 / 24 / 31	4 / 4 / 4 / 4	400	
88 / 102 / 102 / 102	2 / 3 / 4 / 6	11 / 16 / 26 / 34	4 / 4 / 4 / 4	450	
88 / 102 / 102 / 102	2 / 3 / 4 / 6	11 / 18 / 31 / 38	4 / 4 / 4 / 4	500	
88 / 102 / 102 / 102	2 / 3 / 4 / 6	13 / 20 / 35 / 45	4 / 5 / 5 / 5	600	
88 / 102 / 102 / 102	2 / 3 / 4 / 6	14 / 25 / 39 / 50	4 / 5 / 5 / 5	700	
88 / 102 / 102 / 102	2 / 3 / 4 / 6	16 / 27 / 43 / 55	4 / 5 / 5 / 5	800	
88 / 102 / 102 / 102	2 / 3 / 4 / 6	18 / 30 / 46 / 61	4 / 5 / 5 / 5	900	
88 / 102 / 102 / 102	2 / 3 / 4 / 6	19 / 33 / 50 / 66	4 / 5 / 5 / 5	1000	
88 / 102 / 102 / 102	2 / 3 / 4 / 6	20 / 41 / 54 / 71	4 / 5 / 5 / 5	1100	
88 / 102 / 102 / 102	2 / 3 / 4 / 6	22 / 44 / 58 / 76	4 / 5 / 5 / 5	1200	
88 / 102 / 102 / 102	4 / 6 / 8 / 12	27 / 48 / 64 / 83	4 / 6 / 6 / 6	1300	
88 / 102 / 102 / 102	4 / 6 / 8 / 12	29 / 51 / 68 / 90	4 / 6 / 6 / 6	1400	
88 / 102 / 102 / 102	4 / 6 / 8 / 12	32 / 53 / 72 / 95	4 / 6 / 6 / 6	1500	
102 / 102 / 102	4 / 6 / 8 / 12	57 / 76 / 100	6 / 6 / 6	1600	
102 / 102 / 102	4 / 6 / 8 / 12	60 / 80 / 105	6 / 6 / 6	1700	
102 / 102 / 102	4 / 6 / 8 / 12	62 / 84 / 110	6 / 6 / 6	1800	
102 / 102 / 102	4 / 6 / 8 / 12	62 / 84 / 115	6 / 6 / 6	1900	
102 / 102 / 102	4 / 6 / 8 / 12	65 / 88 / 120	6 / 6 / 6	2000	
102 / 102 / 102	4 / 6 / 8 / 24	68 / 91 / 142	6 / 6 / 6	2100	
102 / 102 / 102	12 / 16 / 24	72 / 95 / 148	6 / 6 / 6	2200	
102 / 102 / 102	12 / 16 / 24	75 / 99 / 152	6 / 6 / 6	2300	
102 / 102 / 102	12 / 16 / 24	78 / 103 / 157	6 / 6 / 6	2400	
102 / 102 / 102	12 / 16 / 24	89 / 118 / 160	12 / 12 / 12	2500	
102 / 102 / 102	12 / 16 / 24	92 / 122 / 168	12 / 12 / 12	2600	
102 / 102 / 102	12 / 16 / 24	95 / 126 / 173	12 / 12 / 12	2700	
102 / 102 / 102	12 / 16 / 24	98 / 130 / 178	12 / 12 / 12	2800	
102 / 102 / 102	12 / 16 / 24	101 / 134 / 183	12 / 12 / 12	2900	
102 / 102 / 102	12 / 16 / 24	104 / 138 / 189	12 / 12 / 12	3000	

Teekay Repair Couplings are available to suit any pipe O.D. up to 3000 mm. Please contact us with OD prior to order placement.

NOTES: The above tables are guides to the most common sizes. Couplings to suit specific outside diameters not listed may be manufactured to order. Please contact us for further details. Minimum burst is 1.5 times working pressure. Figures are based on typical values for standard wall carbon steel pipe. For use on thin or soft pipe materials such as thin wall stainless, copper alloy or plastic (by way of example only) please check with us first.