

REPAIR COUPLING



DATA SHEET



Easy to Fit



Light Weight



Cost Saving
Installation



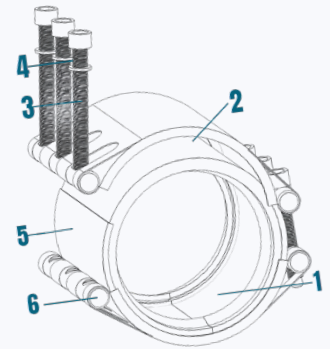
No Welding



Storage Space
Saving



Wide Media
Compatibility



No	Part Name	Material
1	Gasket	EPDM, NBR, Viton, or Silicone
2	Body	Stainless steel AISI 304 or AISI 316
3	Bolt	Stainless steel AISI 304, AISI 316, or 12.9 Steel
4	Washer	Brass
5	Armour Sheet	Stainless steel AISI 304 or AISI 316
6	Milbar	Stainless steel AISI 304, AISI 316, or AISI 1040

Repair Coupling

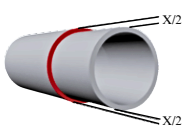
Technical Details and Dimension

Product Overview

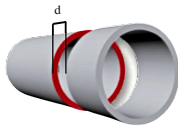
The Repair Coupling is a robust stainless steel coupling designed for the rapid connection and repair of pipelines without welding. Manufactured from AISI 304 or AISI 316 stainless steel, it ensures superior corrosion resistance and long service life.

Equipped with interchangeable sealing gaskets – EPDM, NBR, Viton, or Silicone – it provides compatibility with various media, including water, air, fuel, gas, and multiple chemicals. The coupling accommodates angular deflection, axial movement, diameter variations, and misaligned pipes, ensuring a reliable seal under pressures up to 24 bar.

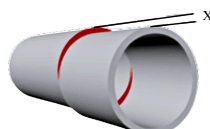
Repair & Connection Capabilities



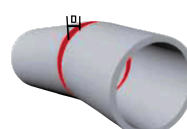
Connection of pipes with different diameter



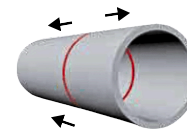
Connection of pipes with gaps between



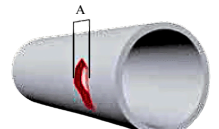
Connection of pipes with misaligned pipes



Connection of pipes with angular deflection



Connection of pipes with Movement



Repair of pipes with cracks

Sealing Gasket Options

EPDM – Water, air, and some chemicals | -20°C to +100°C
 NBR – Fuel, gas, and some hydrocarbons | -20°C to +80°C

Viton – Wide chemical resistance | -40°C to +220°C
 Silicone – Drinking/domestic water | -55°C to +200°C

Dimensions



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Range (mm)	Width (mm)	Pressure (bar)	Pressure (psi)	Milbars Dia. (mm)	Bolts Size	Torque (N·m)	Torque (Lbf·ft)
148-160	200	24	348	22	M12x6	40	30
158-170	200	24	348	22	M12x6	40	30
168-180	200	24	348	22	M12x6	45	33
178-190	200	24	348	22	M12x6	45	33
188-200	200	24	348	22	M12x6	45	33
198-210	200	24	348	22	M12x6	45	33
208-220	200	24	348	22	M12x6	45	33
218-230	200	24	348	22	M12x6	45	33
228-240	200	16	232	22	M12x6	50	37
238-250	200	16	232	22	M12x6	50	37
248-260	200	16	232	22	M12x6	50	37
258-270	200	16	232	22	M12x6	50	37
268-280	200	16	232	22	M12x6	50	37
278-290	200	16	232	22	M12x6	50	37
288-300	200	16	232	22	M12x6	50	37
298-310	200	16	232	22	M12x6	50	37
308-320	200	16	232	22	M12x6	55	41
318-330	200	16	232	22	M12x6	55	41
328-340	200	16	232	22	M12x6	55	41
338-350	200	16	232	22	M12x6	55	41
348-360	200	16	232	22	M12x6	55	41
358-370	200	16	232	24	M16x6	60	44
368-380	200	16	232	24	M16x6	60	44
378-390	200	16	232	24	M16x6	60	44
388-400	200	16	232	24	M16x6	60	44
398-410	200	16	232	24	M16x6	60	44
408-420	200	16	232	24	M16x6	60	44
418-430	200	16	232	24	M16x6	60	44
428-440	200	12	174	24	M16x6	65	48
438-450	200	12	174	24	M16x6	65	48
448-460	200	12	174	24	M16x6	65	48
458-470	200	12	174	24	M16x6	65	48
468-480	200	12	174	24	M16x6	65	48
478-490	200	12	174	24	M16x6	65	48
488-500	200	12	174	24	M16x6	65	48
498-510	200	12	174	24	M16x6	65	48
508-520	200	12	174	24	M16x6	70	52
518-530	200	12	174	24	M16x6	70	52
528-540	200	12	174	24	M16x6	70	52
538-550	200	12	174	24	M16x6	70	52
548-560	200	12	174	24	M16x6	70	52
558-570	200	12	174	24	M16x6	70	52
568-580	200	12	174	24	M16x6	75	55
578-590	200	12	174	24	M16x6	75	55
588-600	200	12	174	24	M16x6	75	55

**Custom and oversized diameters are available upon request. Please contact our sales department for specifications and availability.

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Range (mm)	Width (mm)	Pressure (bar)	Pressure (psi)	Milbars Dia. (mm)	Bolts Size	Torque (N·m)	Torque (Lbf·ft)
598-610	200	12	174	24	M16×6	75	55
608-620	200	12	174	24	M16×6	75	55
616-630	200	12	174	24	M16×6	75	55
628-640	200	12	174	24	M16×6	75	55
638-650	200	12	174	24	M16×6	80	59
648-660	200	12	174	24	M16×6	80	59
658-670	200	12	174	24	M16×6	80	59
668-680	200	12	174	24	M16×6	80	59
678-690	200	10	145	24	M16×6	80	59
688-700	200	10	145	24	M16×6	80	59
698-710	200	10	145	24	M16×6	80	59
708-720	200	10	145	30	M20×6	85	63
718-730	200	10	145	30	M20×6	85	63
728-740	200	10	145	30	M20×6	85	63
738-750	200	10	145	30	M20×6	85	63
748-760	200	10	145	30	M20×6	85	63
758-770	200	10	145	30	M20×6	90	66
768-780	200	10	145	30	M20×6	90	66
778-790	200	10	145	30	M20×6	90	66
788-800	200	10	145	30	M20×6	105	77
798-810	200	10	145	30	M20×6	105	77
808-820	200	10	145	30	M20×6	105	77
818-830	200	10	145	30	M20×6	105	77
828-840	200	10	145	30	M20×6	105	77
838-850	200	10	145	30	M20×6	105	77
848-860	200	10	145	30	M20×6	105	77
858-870	200	10	145	30	M20×6	120	89
868-880	200	10	145	30	M20×6	120	89
878-890	200	10	145	30	M20×6	125	92
888-900	200	10	145	30	M20×6	125	92
898-910	200	10	145	30	M20×6	125	92
908-920	200	10	145	30	M20×6	125	92
918-930	200	10	145	30	M20×6	130	96
928-940	200	10	145	30	M20×6	130	96
938-950	200	10	145	30	M20×6	130	96
948-960	200	10	145	30	M20×6	130	96
958-970	200	10	145	30	M20×6	130	96
968-980	200	10	145	30	M20×6	130	96
978-990	200	10	145	30	M20×6	135	100
988-1000	200	10	145	30	M20×6	135	100
998-1010	200	10	145	30	M20×6	135	100
1008-1020	200	10	145	30	M20×6	135	100
1018-1030	200	10	145	30	M20×6	135	100
1028-1040	200	10	145	30	M20×6	140	103
1038-1050	200	10	145	30	M20×6	140	103

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Range (mm)	Width (mm)	Pressure (bar)	Pressure (psi)	Milbars Dia. (mm)	Bolts Size	Torque (N·m)	Torque (Lbf·ft)
1048-1060	200	10	145	30	M20×6	140	103
1058-1070	200	10	145	30	M20×6	140	103
1068-1080	200	10	145	30	M20×6	140	103
1078-1090	200	10	145	30	M20×6	140	103
1088-1100	200	10	145	30	M20×6	145	107
1098-1110	200	10	145	30	M20×6	145	107
1108-1120	200	10	145	30	M20×6	145	107
1118-1130	200	10	145	30	M20×6	145	107
1128-1140	200	10	145	30	M20×6	150	111
1138-1150	200	10	145	30	M20×6	150	111
1148-1160	200	10	145	30	M20×6	150	111
1158-1170	200	10	145	30	M20×6	150	111
1168-1180	200	10	145	30	M20×6	150	111
1178-1190	200	10	145	30	M20×6	150	111
1188-1200	200	10	145	30	M20×6	155	114
1198-1210	200	10	145	30	M20×6	155	114
1208-1220	200	10	145	30	M20×6	155	114
1218-1230	200	10	145	30	M20×6	155	114
1228-1240	200	10	145	30	M20×6	155	114
1238-1250	200	10	145	30	M20×6	155	114
1248-1260	200	10	145	30	M20×6	160	118
1258-1270	200	10	145	30	M20×6	160	118
1268-1280	200	10	145	30	M20×6	160	118
1278-1290	200	10	145	30	M20×6	160	118
1288-1300	200	10	145	30	M20×6	165	122

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**DESIGNED FOR DEMANDING
PIPE REPAIRS**

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