



- 1 Double-lip sealing system
- 2 Standard strip insert

The repair coupling

NORMACONNECT® REP E are non-restraint repair couplings. They are used to connect and/or seal damaged metal and plastic pipes. They also enable repairs to be carried out easily, quickly and safely without the need to dismantle the pipes.

Advantages at a glance

- Ensures a reliable, safe, leakage-free connection
- Enables easy, quick and safe repair without dismantling the pipes
- Easy to install without special tools

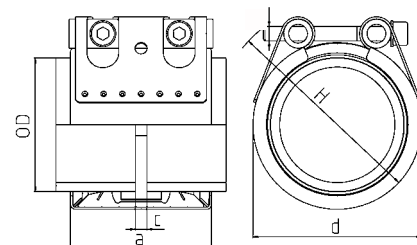
Information

- Sizes: from 35.0 mm to 1219.1 mm
- Working pressure: from 60.0 bar to 4.0 bar
- Material: AISI 316 Ti
- EPDM:
 - Sizes from 26.9 mm up to 168.3 mm: - 30 °C up to + 125 °C
 - Sizes > 180.0 mm: - 20 °C up to + 80 °C
- NBR : from - 20 °C up to + 80 °C


Materials

W1	W2	W3	W4	W5
				x

Technical data & Ordering information



Technical data & Ordering information

NORMACONNECT® FGR REP E													
Ø (O.D.)	Designation	Clamping ranges	WP ¹ 	C max (mm)	Dimensions			Weight approx. (kg/pc.)	Hex socket locking bolts		W5 Product No.		
		Odmin - Odmax			a (mm)	d (mm)	H (mm)		Thread	Tightening torque (Nm)	NBR	EPDM	housing wall thckn.
35.0	REP E W5 35.0	34.5 - 35.6	60	8	63	55	75	0.41	M 8 SW 6	5	0572 8660 035	0572 9360 035	1.2 mm
38.0	REP E W5 38.0	37.5 - 38.6	60	8	63	60	80	0.41	M 8 SW 6	5	0572 8660 038	0572 9360 038	1.2 mm
42.4	REP E W5 42.4	41.7 - 43.0	50	8	63	65	85	0.42	M 8 SW 6	5	5728 6600 042	0572 9360 042	1.2 mm
44.5	REP E W5 44.5	44.0 - 45.1	50	8	63	65	85	0.43	M 8 SW 6	5	0572 8660 044	0572 9360 044	1.2 mm
48.3	REP E W5 48.3	47.6 - 50.5	50	8	63	70	90	0.44	M 8 SW 6	5	0572 8660 048	0572 9360 048	1.2 mm
54.0	REP E W5 54.0	53.3 - 54.6	50	17	78	75	95	0.58	M 8 SW 6	10	0572 8660 054	0572 9360 054	1.2 mm
57.0	REP E W5 57.0	56.3 - 57.7	50	17	78	80	100	0.58	M 8 SW 6	10	0572 8660 057	0572 9360 057	1.2 mm
60.3	REP E W5 60.3	59.5 - 61.0	40	17	78	85	105	0.59	M 8 SW 6	10	0572 8660 060	0572 9360 060	1.2 mm
70.0	REP E W5 70.0	69.0 - 71.0	40	25	98	90	110	0.59	M 8 SW 6	10	0572 8660 070	0572 9360 070	1.2 mm
73.0	REP E W5 73.0	72.1 - 73.8	40	25	98	95	115	1.13	M 8 SW 6	10	0572 8660 073	0572 9360 073	1.5 mm
76.1	REP E W5 76.1	75.2 - 77.0	35	25	98	100	120	1.13	M 8 SW 6	10	0572 8660 076	0572 9360 076	1.5 mm
78.0	REP E W5 78.0	77.1 - 78.9	35	25	98	100	120	1.14	M 8 SW 6	15	0572 8660 078	0572 9360 078	1.5 mm
80.0	REP E W5 80.0	79.0 - 80.8	35	25	98	100	120	1.16	M 8 SW 6	15	0572 8660 080	0572 9360 080	1.5 mm
84.0	REP E W5 84.0	83.0 - 85.0	35	25	98	105	125	1.18	M 8 SW 6	15	0572 8660 084	0572 9360 084	1.5 mm
88.9	REP E W5 88.9	87.0 - 89.9	35	25	98	110	130	1.20	M 8 SW 6	15	0572 8660 088	0572 9360 088	1.5 mm
98.0	REP E W5 98.0	96.9 - 99.0	35	25	98	120	140	1.32	M 8 SW 6	15	0572 8660 098	0572 9360 098	1.5 mm
101.6	REP E W5 101.6	100.4 - 102.8	35	25	98	125	145	1.33	M 8 SW 6	15	0572 8660 101	0572 9360 101	1.5 mm
104.0	REP E W5 104.0	102.8 - 106.1	35	25	98	125	145	1.36	M 8 SW 6	15	0572 8660 104	0572 9360 104	1.5 mm
108.0	REP E W5 108.0	106.8 - 109.2	35	25	98	130	150	1.40	M 8 SW 6	15	0572 8660 108	0572 9360 108	1.5 mm
110.0	REP E W5 110.0	108.8 - 111.4	35	25	98	130	150	1.40	M 8 SW 6	20	0572 8660 110	0572 9360 110	1.5 mm
114.3	REP E W5 114.0	113.0 - 115.5	35	25	98	135	155	1.99	M 8 SW 6	30	0572 8660 114	0572 9360 114	1.5 mm
129.0	REP E W5 129.0	127.6 - 131.1	32	35	113	155	185	2.00	M 10 SW 8	30	0572 8660 129	0572 9360 129	1.5 mm
133.0	REP E W5 133.0	131.5 - 134.4	32	35	113	160	190	2.03	M 10 SW 8	30	0572 8660 133	0572 9360 133	1.5 mm
139.7	REP E W5 139.7	138.1 - 141.6	32	35	113	165	195	2.08	M 10 SW 8	30	0572 8660 139	0572 9360 139	1.5 mm
141.3	REP E W5 141.3	139.6 - 142.8	32	35	113	170	200	2.09	M 10 SW 8	35	0572 8660 141	0572 9360 141	1.5 mm
154.0	REP E W5 154.0	152.3 - 156.1	32	35	113	180	210	2.19	M 10 SW 8	50	0572 8660 154	0572 9360 154	1.5 mm
159.0	REP E W5 159.0	157.3 - 160.7	32	35	113	185	215	2.26	M 10 SW 8	50	0572 8660 159	0572 9360 159	1.5 mm
168.3	REP E W5 168.0	166.5 - 170.1	32	35	113	195	225	2.31	M 10 SW 8	50	0572 8660 168	0572 9360 168	1.5 mm
180.0	REP E W5 180.0	178.0 - 182.0	30.0	35	139	210	240	4.0	M 12 SW 10	25	0576 866. ...	0576 836. ...	1.5 mm
193.7	REP E W5 193.7	192.0 - 196.0	28.0	35	139	225	255	4.1	M 12 SW 10	25	0576 866. ...	0576 836. ...	1.5 mm
206.0	REP E W5 206.0	202.0 - 208.0	26.5	35	139	240	270	4.3	M 12 SW 10	25	0576 866. ...	0576 836. ...	1.5 mm
219.0	REP E W5 219.0	216.0 - 221.0	23.0	35	139	250	280	4.4	M 12 SW 10	25	0576 866. ...	0576 836. ...	1.5 mm
225.0	REP E W5 225.0	222.0 - 227.0	23.0	35	139	255	285	4.5	M 12 SW 10	25	0576 866. ...	0576 836. ...	1.5 mm
229.9	REP E W5 229.9	228.0 - 232.0	23.0	35	139	260	290	4.5	M 12 SW 10	25	0576 866. ...	0576 836. ...	1.5 mm
244.5	REP E W5 244.5	242.0 - 247.0	22.0	35	139	275	305	4.7	M 12 SW 10	25	0576 866. ...	0576 836. ...	1.5 mm
254.0	REP E W5 254.0	250.0 - 256.0	21.0	35	139	285	315	4.8	M 12 SW 10	25	0576 866. ...	0576 836. ...	1.5 mm
267.0	REP E W5 267.0	264.0 - 269.0	20.0	35	139	300	330	5.0	M 12 SW 10	25	0576 866. ...	0576 836. ...	1.5 mm
273.0	REP E W5 273.0	270.0 - 275.0	20.0	35	139	305	335	5.1	M 12 SW 10	25	0576 866. ...	0576 836. ...	1.5 mm
306.0	REP E W5 306.0	302.0 - 308.0	17.5	35	139	340	370	5.5	M 12 SW 10	25	0576 866. ...	0576 836. ...	1.5 mm
323.9	REP E W5 323.9	320.0 - 327.0	17.5	35	139	355	385	5.7	M 12 SW 10	25	0576 866. ...	0576 836. ...	1.5 mm
326.0	REP E W5 326.0	322.0 - 329.0	16.5	35	139	360	390	5.7	M 12 SW 10	25	0576 866. ...	0576 836. ...	1.5 mm
355.6	REP E W5 355.6	352.0 - 359.0	15.0	35	139	390	420	6.0	M 12 SW 10	25	0576 866. ...	0576 836. ...	1.5 mm
406.4	REP E W5 406.4	402.0 - 410.0	14.0	35	139	440	470	6.6	M 12 SW 10	25	0576 866. ...	0576 836. ...	1.5 mm
429.0	REP E W5 429.0	426.0 - 431.0	13.0	35	139	460	490	6.9	M 12 SW 10	40	0576 866. ...	0576 836. ...	1.5 mm
442.0	REP E W5 442.0	439.0 - 444.0	13.0	35	139	475	505	7.1	M 12 SW 10	40	0576 866. ...	0576 836. ...	1.5 mm
457.2	REP E W5 457.2	454.0 - 459.0	12.0	35	139	490	520	7.3	M 12 SW 10	40	0576 866. ...	0576 836. ...	1.5 mm
508.0	REP E W5 508.0	505.0 - 510.0	11.0	35	139	540	570	7.9	M 12 SW 10	40	0576 866. ...	0576 836. ...	1.5 mm
531.0	REP E W5 531.0	528.0 - 534.0	10.5	35	139	565	595	8.1	M 12 SW 10	40	0576 866. ...	0576 836. ...	1.5 mm
558.8	REP E W5 558.8	556.0 - 562.0	10.0	35	139	590	620	8.5	M 12 SW 10	40	0576 866. ...	0576 836. ...	1.5 mm
609.6	REP E W5 609.6	606.0 - 613.0	9.0	35	139	640	670	9.1	M 12 SW 10	40	0576 866. ...	0576 836. ...	1.5 mm
634.0	REP E W5 634.0	631.0 - 637.0	8.0	35	139	665	695	9.4	M 12 SW 10	40	0576 866. ...	0576 836. ...	1.5 mm
711.2	REP E W5 711.2	707.0 - 715.0	7.0	35	139	745	775	10.3	M 12 SW 10	40	0576 866. ...	0576 836. ...	1.5 mm
762.0	REP E W5 762.0	758.0 - 766.0	7.0	35	139	795	825	10.9	M 12 SW 10	40	0576 866. ...	0576 836. ...	1.5 mm
812.8	REP E W5 812.8	808.0 - 817.0	6.5	35	139	845	875	11.5	M 12 SW 10	40	0576 866. ...	0576 836. ...	1.5 mm
914.4	REP E W5 914.4	909.0 - 919.0	5.5	35	139	945	975	12.7	M 12 SW 10	45	0576 866. ...	0576 836. ...	1.5 mm
1016.0	REP E W5 1016.0	1013.0 - 1019.0	5.0	35	139	1050	1080	13.9	M 12 SW 10	45	0576 866. ...	0576 836. ...	1.5 mm
1117.5	REP E W5 1117.5	1114.0 - 1120.0	4.5	35	139	1150	1180	15.1	M 12 SW 10	50	0576 866. ...	0576 836. ...	1.5 mm
1219.2	REP E W5 1219.2	1216.0 - 1222.0	4.0	35	139	1250	1280	16.3	M 12 SW 10	50	0576 866. ...	0576 836. ...	1.5 mm

Coupling sizes >800 mm are in 2-parts design! Sizes > 1219.2 on request
 ... = Ø without decimals in mm



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