

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

## The repair coupling

NORMACONNECT® REP E are non-restraint repair couplings. They are used to 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

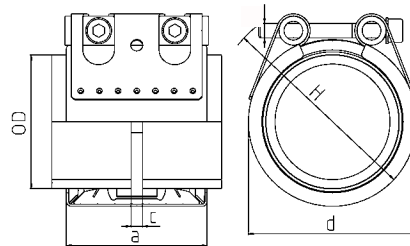
### Information

- 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



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NORMACONNECT®

NORMACONNECT® FGR REP E													
Ø (O.D.)	Designation	Clamping ranges	WP <sup>1</sup>	C max	Dimensions (approx.)			Weight (approx.)	Hex socket locking bolts		W5 Product No.		
		O <sub>min</sub> - O <sub>max</sub>	 [bar]	(mm)	a (mm)	d (mm)	H (mm)	(kg/pc.)	Thread	Tightening torque (Nm)	EPDM	NBR	
35.0	REP E W5 35.0	34.5 - 35.6	60	8	63	55	75	0.41	M 8 SW 6	5	0572 9360 035	0572 8660 035	
38.0	REP E W5 38.0	37.5 - 38.6	60	8	63	60	80	0.41	M 8 SW 6	5	0572 9360 038	0572 8660 038	
42.4	REP E W5 42.4	41.7 - 43.0	50	8	63	65	85	0.42	M 8 SW 6	5	0572 9360 042	0572 8660 042	
44.5	REP E W5 44.5	44.0 - 45.1	50	8	63	65	85	0.43	M 8 SW 6	5	0572 9360 044	0572 8660 044	
48.3	REP E W5 48.3	47.6 - 50.5	50	8	63	70	90	0.44	M 8 SW 6	5	0572 9360 048	0572 8660 048	
54.0	REP E W5 54.0	53.3 - 54.6	50	17	78	75	95	0.58	M 8 SW 6	10	0572 9360 054	0572 8660 054	
57.0	REP E W5 57.0	56.3 - 57.7	50	17	78	80	100	0.58	M 8 SW 6	10	0572 9360 057	0572 8660 057	
60.3	REP E W5 60.3	59.5 - 61.0	40	17	78	85	105	0.59	M 8 SW 6	10	0572 9360 060	0572 8660 060	
70.0	REP E W5 70.0	69.0 - 71.0	40	25	98	90	110	0.59	M 8 SW 6	10	0572 9360 070	0572 8660 070	
73.0	REP E W5 73.0	72.1 - 73.8	40	25	98	95	115	1.13	M 8 SW 6	10	0572 9360 073	0572 8660 073	
76.1	REP E W5 76.1	75.2 - 77.0	35	25	98	100	120	1.13	M 8 SW 6	10	0572 9360 076	0572 8660 076	
78.0	REP E W5 78.0	77.1 - 78.9	35	25	98	100	120	1.14	M 8 SW 6	15	0572 9360 078	0572 8660 078	
80.0	REP E W5 80.0	79.0 - 80.8	35	25	98	100	120	1.16	M 8 SW 6	15	0572 9360 080	0572 8660 080	
84.0	REP E W5 84.0	83.0 - 85.0	35	25	98	105	125	1.18	M 8 SW 6	15	0572 9360 084	0572 8660 084	
88.9	REP E W5 88.9	87.0 - 89.9	35	25	98	110	130	1.20	M 8 SW 6	15	0572 9360 088	0572 8660 088	
98.0	REP E W5 98.0	96.9 - 99.0	35	25	98	120	140	1.32	M 8 SW 6	15	0572 9360 098	0572 8660 098	
101.6	REP E W5 101.6	100.4 - 102.8	35	25	98	125	145	1.33	M 8 SW 6	15	0572 9360 101	0572 8660 101	
104.0	REP E W5 104.0	102.8 - 106.1	35	25	98	125	145	1.36	M 8 SW 6	15	0572 9360 104	0572 8660 104	
108.0	REP E W5 108.0	106.8 - 109.2	35	25	98	130	150	1.40	M 8 SW 6	15	0572 9360 108	0572 8660 108	
110.0	REP E W5 110.0	108.8 - 111.4	35	25	98	130	150	1.40	M 8 SW 6	20	0572 9360 110	0572 8660 110	
114.3	REP E W5 114.0	113.0 - 115.5	35	25	98	135	155	1.99	M 8 SW 6	30	0572 9360 114	0572 8660 114	
129.0	REP E W5 129.0	127.6 - 131.1	32	35	113	155	185	2.00	M 10 SW 8	30	0572 9360 129	0572 8660 129	
133.0	REP E W5 133.0	131.5 - 134.4	32	35	113	160	190	2.03	M 10 SW 8	30	0572 9360 133	0572 8660 133	
139.7	REP E W5 139.7	138.1 - 141.6	32	35	113	165	195	2.08	M 10 SW 8	30	0572 9360 139	0572 8660 139	
141.3	REP E W5 141.3	139.6 - 142.8	32	35	113	170	200	2.09	M 10 SW 8	35	0572 9360 141	0572 8660 141	
154.0	REP E W5 154.0	152.3 - 156.1	32	35	113	180	210	2.19	M 10 SW 8	50	0572 9360 154	0572 8660 154	
159.0	REP E W5 159.0	157.3 - 160.7	32	35	113	185	215	2.26	M 10 SW 8	50	0572 9360 159	0572 8660 159	
168.3	REP E W5 168.0	166.5 - 170.1	32	35	113	195	225	2.31	M 10 SW 8	50	0572 9360 168	0572 8660 168	
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 8360 ...	0576 8660 ...	
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 8360 ...	0576 8660 ...	
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 8360 ...	0576 8660 ...	
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 8360 ...	0576 8660 ...	
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 8360 ...	0576 8660 ...	
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 8360 ...	0576 8660 ...	
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 8360 ...	0576 8660 ...	
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 8360 ...	0576 8660 ...	
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 8360 ...	0576 8660 ...	
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 8360 ...	0576 8660 ...	
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 8360 ...	0576 8660 ...	
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 8360 ...	0576 8660 ...	
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 8360 ...	0576 8660 ...	
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 8360 ...	0576 8660 ...	
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 8360 ...	0576 8660 ...	
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 8360 ...	0576 8660 ...	
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 8360 ...	0576 8660 ...	
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 8360 ...	0576 8660 ...	
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 8360 ...	0576 8660 ...	
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 8360 ...	0576 8660 ...	
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 8360 ...	0576 8660 ...	
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 8360 ...	0576 8660 ...	
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 8360 ...	0576 8660 ...	
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 8360 ...	0576 8660 ...	
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 8360 ...	0576 8660 ...	
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 8360 ...	0576 8660 ...	
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 8360 ...	0576 8660 ...	
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 8360 ...	0576 8660 ...	
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 8360 ...	0576 8660 ...	
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 8360 ...	0576 8660 ...	

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



Refer to page 196.