



- 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

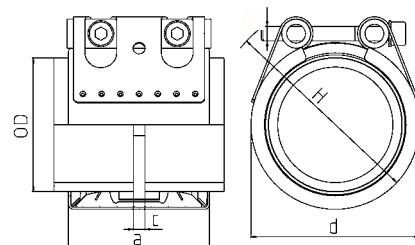
Information

- 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 8660 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 8660 ... | 0576 8360 ... | 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 8660 ... | 0576 8360 ... | 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 8660 ... | 0576 8360 ... | 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 8660 ... | 0576 8360 ... | 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 8660 ... | 0576 8360 ... | 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 8660 ... | 0576 8360 ... | 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 8660 ... | 0576 8360 ... | 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 8660 ... | 0576 8360 ... | 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 8660 ... | 0576 8360 ... | 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 8660 ... | 0576 8360 ... | 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 8660 ... | 0576 8360 ... | 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 8660 ... | 0576 8360 ... | 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 8660 ... | 0576 8360 ... | 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 8660 ... | 0576 8360 ... | 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 8660 ... | 0576 8360 ... | 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 8660 ... | 0576 8360 ... | 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 8660 ... | 0576 8360 ... | 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 8660 ... | 0576 8360 ... | 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 8660 ... | 0576 8360 ... | 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 8660 ... | 0576 8360 ... | 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 8660 ... | 0576 8360 ... | 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 8660 ... | 0576 8360 ... | 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 8660 ... | 0576 8360 ... | 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 8660 ... | 0576 8360 ... | 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 8660 ... | 0576 8360 ... | 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 8660 ... | 0576 8360 ... | 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 8660 ... | 0576 8360 ... | 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 8660 ... | 0576 8360 ... | 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 8660 ... | 0576 8360 ... | 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 8660 ... | 0576 8360 ... | 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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NORMACONNECT®