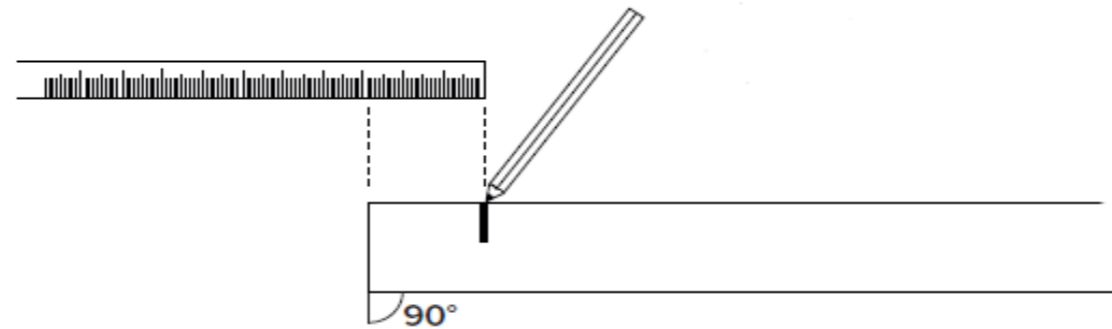


BRUKSANVISNING

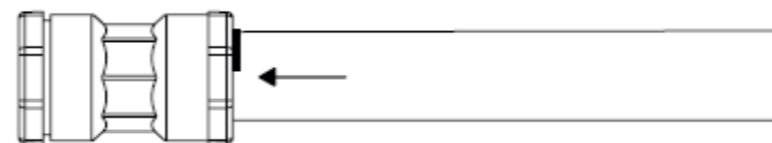
EcoLine koblinger

- 1.**
Kutt røret rett, markér innstikksdybden ut i fra tabellen nedenfor.



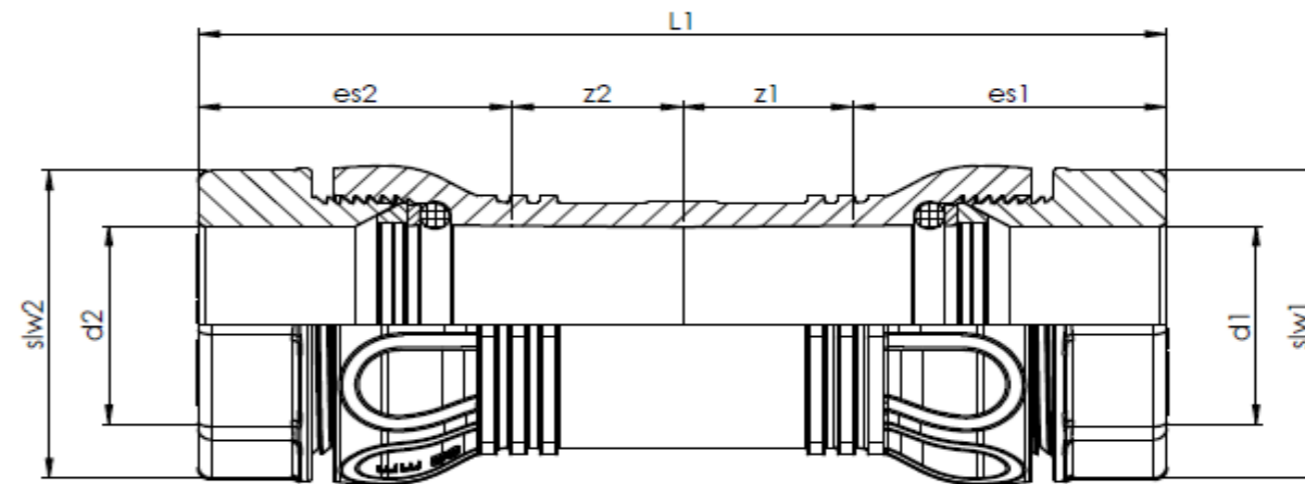
- 2.**
Se til at alle komponenter er i koblingen og løs opp mutter uten å demontere.

- 3.**
Skyv inn røret til merket, stram mutter til anslag.



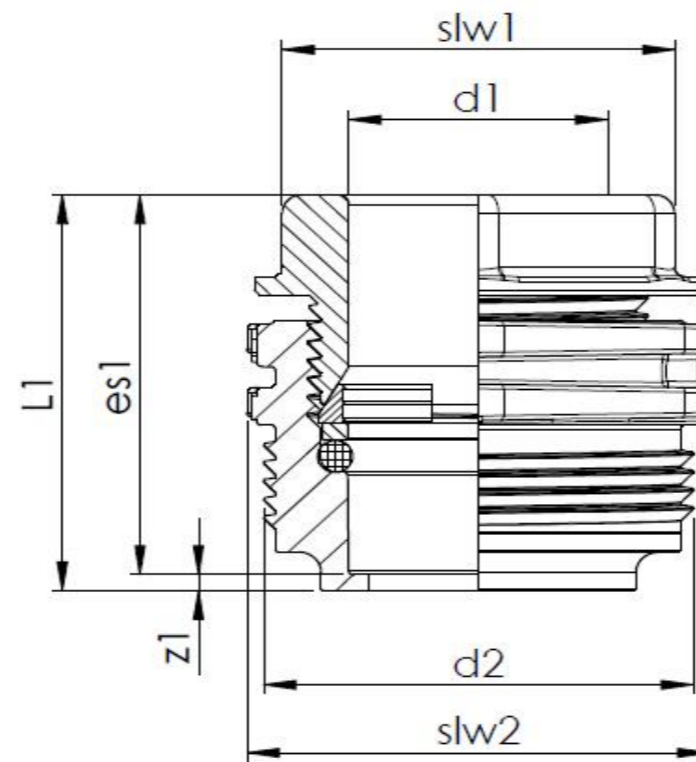
Type 101

| RWG nr. | NRF | Dimension | Description | d1 | d2 | L1 | slw1 | slw2 | es1 | es2 | z1 | z2 | Max distance between pipe ends |
|---------|---------|-----------|--------------------|----|----|-----|------|------|---------------------|---------------------|---------|---------|--------------------------------|
| 8211013 | 2564321 | 25mm | Rep.muffe 25x25 mm | 25 | 25 | 126 | 39 | 39 | min. 42 max. 58 | min. 42 max. 58 | min. 5 | min. 5 | 42 |
| 8211014 | 2564322 | 32mm | Rep.muffe 32x32 mm | 32 | 32 | 136 | 48 | 48 | min. 51 max. 63 | min. 51 max. 63 | min. 5 | min. 5 | 44 |
| 8211015 | 2561061 | 40mm | Rep.muffe 40x40 mm | 40 | 40 | 174 | 53 | 53 | min. 59 max. 79 | min. 59 max. 79 | min. 8 | min. 8 | 56 |
| 8211016 | 2564323 | 50mm | Rep.muffe 50x50 mm | 50 | 50 | 188 | 64 | 64 | min. 63 max. 86 | min. 63 max. 86 | min. 8 | min. 8 | 62 |
| 8211017 | 2561255 | 63mm | Rep.muffe 63x63 mm | 63 | 63 | 226 | 78 | 78 | min. 79 max. 103 | min. 79 max. 103 | min. 10 | min. 10 | 62 |



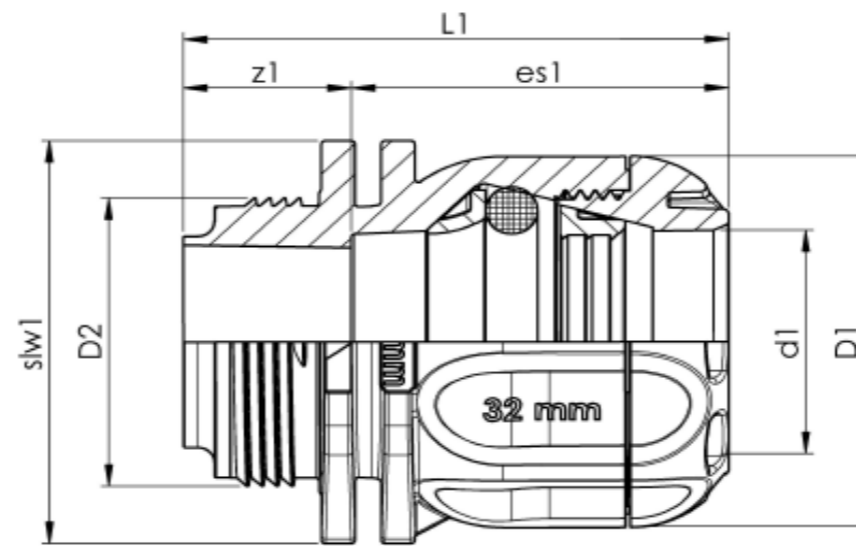
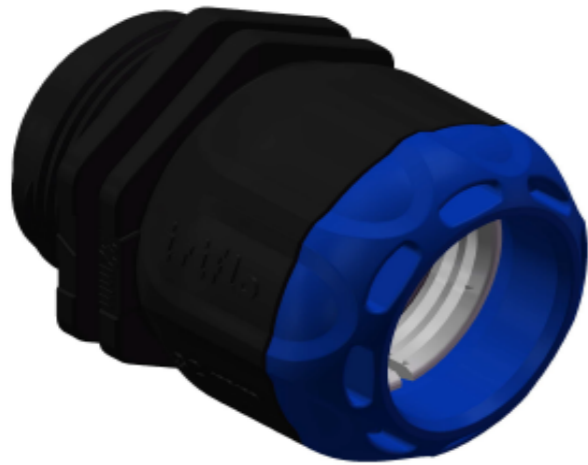
Type 135

| RWG nr. | NRF | Dimension | Description | d1 | d2 | L1 | slw1 | slw2 | es1 | z1 |
|---------|---------|-------------|------------------------|----|----|----|------|------|-----|-----|
| 8211354 | 5113518 | 32mm - 25mm | ECO LINE Redus adapter | 25 | 32 | 44 | 39 | 46 | 42 | 2 |
| 8211355 | 5113557 | 40mm - 32mm | ECO LINE Redus adapter | 32 | 40 | 53 | 48 | 61 | 51 | 2 |
| 8211356 | 1398726 | 50mm - 40mm | ECO LINE Redus adapter | 40 | 50 | 66 | 54 | 72 | 59 | 7 |
| 8211357 | 2561412 | 63mm - 50mm | ECO LINE Redus adapter | 50 | 63 | 74 | 64 | 98 | 63 | 3,7 |



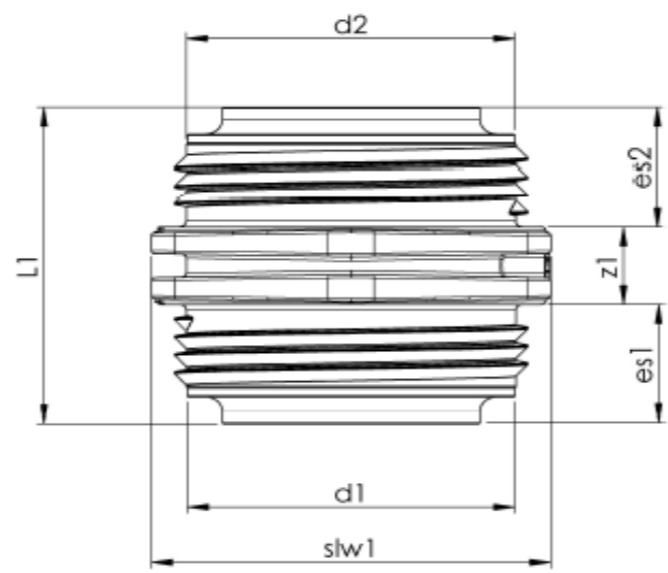
Type 136

| RWG nr. | NRF | Dimension | Description | d1 | D1 | D2 | L1 | es1 | z1 | slw1 |
|---------|---------|-------------|---------------------------|----|----|----|----|-----|----|------|
| 8211369 | 1428171 | 32mm x 25mm | Eco Line - Sprint adapter | 25 | 46 | 32 | 68 | 47 | 21 | 45 |
| 8211364 | 2561066 | 32mm x 32mm | Eco Line - Sprint adapter | 32 | 55 | 32 | 73 | 50 | 23 | 53 |
| 8211368 | 1428170 | 40mm x 32mm | Eco Line - Sprint adapter | 32 | 55 | 40 | 87 | 50 | 37 | 60,5 |
| 8211365 | 1428169 | 40mm x 40mm | Eco Line - Sprint adapter | 40 | 71 | 40 | 87 | 62 | 25 | 60 |



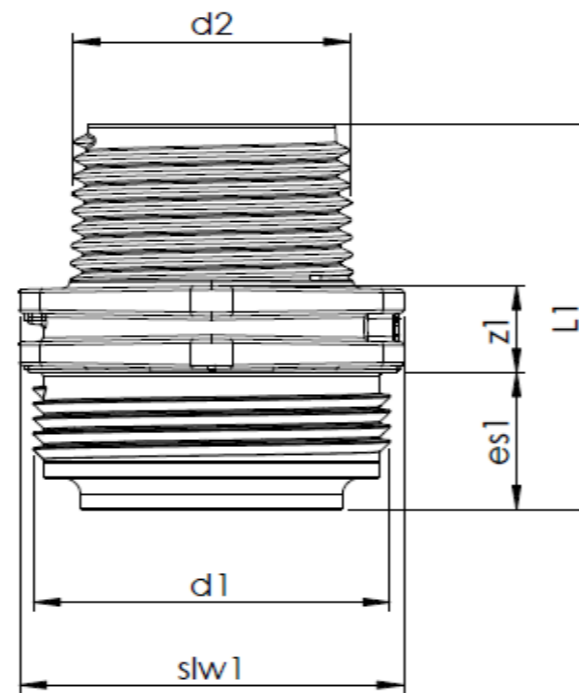
Type 144

| RWG nr. | NRF | Dimension | Description | d1 | d2 | L1 | slw1 | es1 | es2 | z1 |
|---------|---------|-------------|----------------------------|----|----|----|------|-----|-----|----|
| 8211444 | 5113581 | 32mm x 32mm | ECO LINE dobbeltknippel | 32 | 32 | 48 | 46 | 18 | 18 | 12 |
| 8211445 | 5113582 | 40mm x 40mm | ECO LINE dobbeltknippel | 40 | 40 | 53 | 61 | 20 | 20 | 13 |
| 8211447 | 5113583 | 63mm x 63mm | ECO LINE dobbeltknippel | 63 | 63 | 66 | 90 | 25 | 25 | 16 |



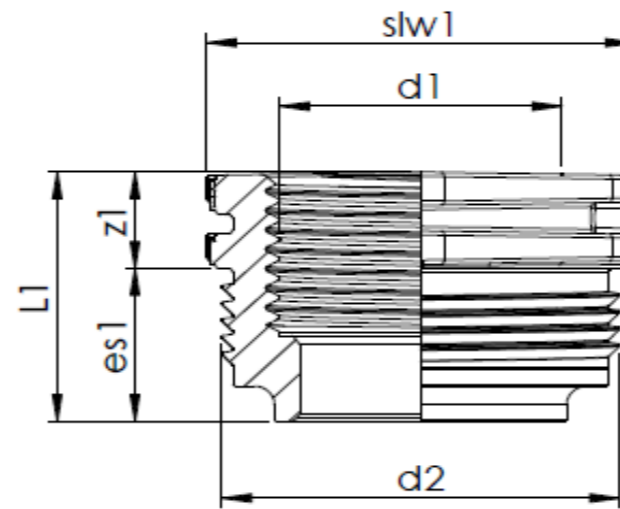
Type 146 / 147

| RWG nr. | NRF | Dimension | Description | d1 | d2 | L1 | slw1 | es1 | z1 |
|---------|---------|----------------|---------------------------------------|----|---------|----|------|-----|----|
| 8212474 | 5113315 | 32mm x R1" | ECO LINE overgang m/utv. rørgjenge | 32 | R1" | 51 | 46 | 18 | 11 |
| 8212464 | 1396649 | 32mm x R1 1/4" | ECO LINE overgang m/utv. rørgjenge | 32 | R1 1/4" | 54 | 46 | 18 | 36 |
| 8212475 | 5113316 | 40mm x R1 1/4" | ECO LINE overgang m/utv. rørgjenge | 40 | R1 1/4" | 57 | 61 | 20 | 12 |
| 8212476 | 5113584 | 50mm x R1 1/2" | ECO LINE overgang m/utv. rørgjenge | 50 | R1 1/2" | 62 | 72 | 23 | 39 |
| 8212477 | 5113585 | 63mm x R2" | ECO LINE overgang m/utv. rørgjenge | 63 | R2" | 68 | 90 | 25 | 43 |



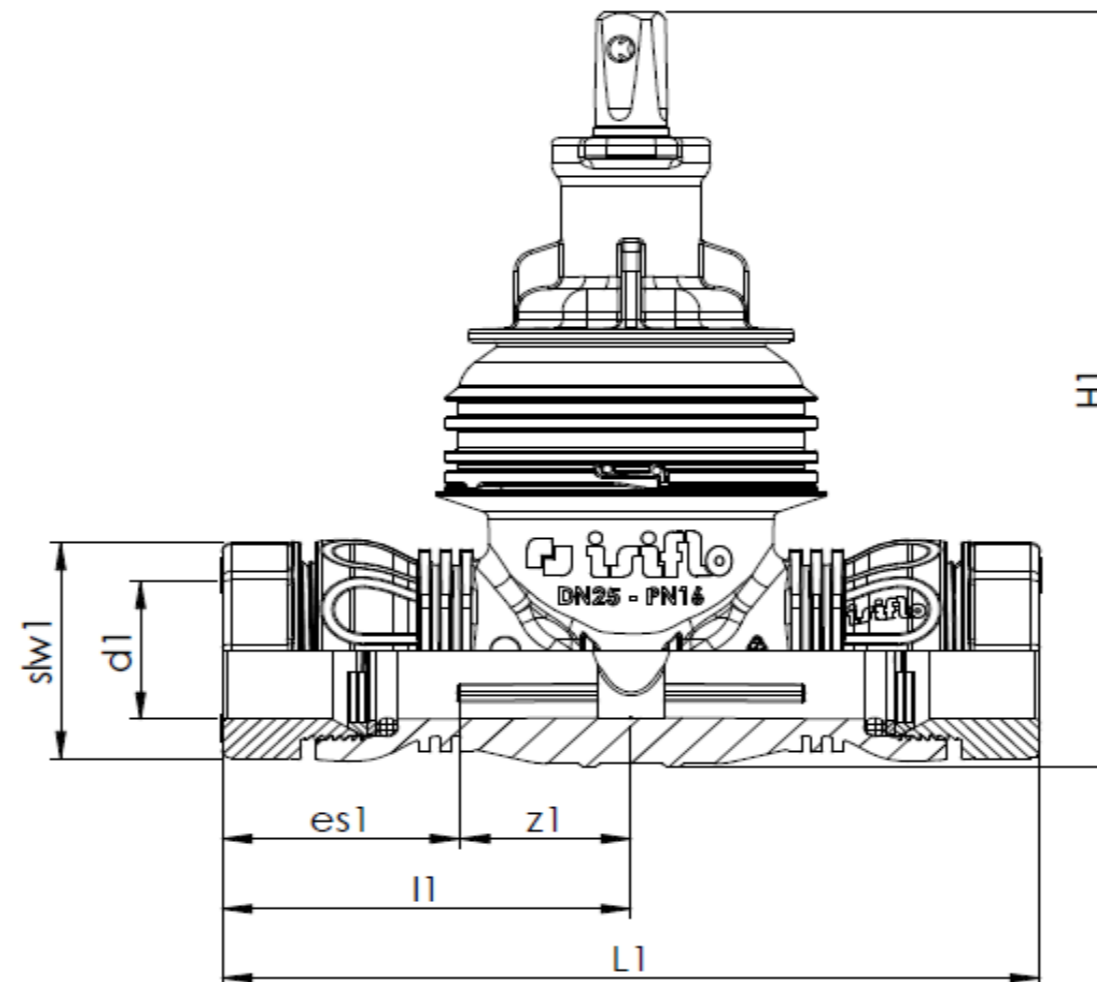
Type 148

| RWG nr. | NRF | Dimension | Description | d1 | d2 | L1 | slw1 | es1 | z1 |
|---------|---------|---------------|-------------------------------------|--------|----|----|------|-----|----|
| 8212484 | 5113523 | 32mm x 1" | ECO LINE overgang m/innv. rørgjenge | 1" | 32 | 30 | 46 | 18 | 11 |
| 8212485 | 5113524 | 40mm x 1 1/4" | ECO LINE overgang m/innv. rørgjenge | 1 1/4" | 40 | 33 | 61 | 20 | 12 |
| 8212486 | 5114567 | 50mm x 1 1/2" | ECO LINE overgang m/innv. rørgjenge | 1 1/2" | 50 | 37 | 72 | 23 | 14 |
| 8212487 | 5114568 | 63mm x 2" | ECO LINE overgang m/innv. rørgjenge | 2" | 63 | 41 | 90 | 25 | 16 |



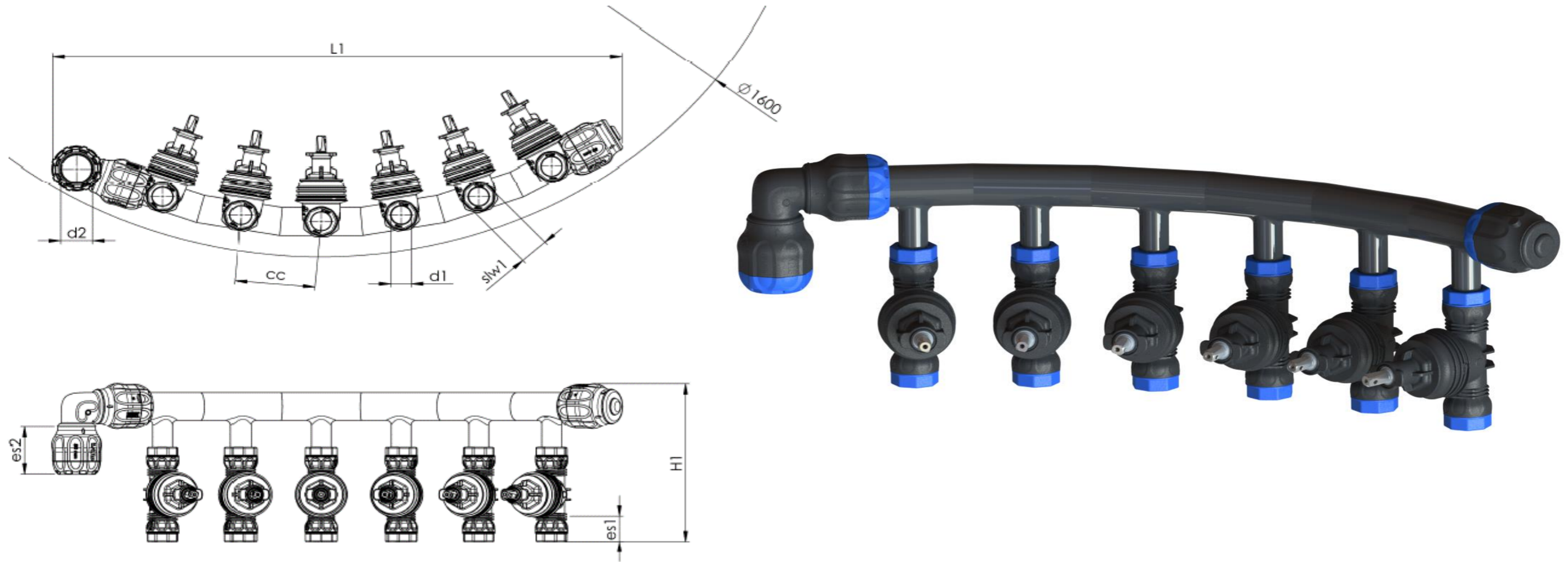
Type 200/201

| RWG nr. | NRF | Dimension | Description | d1 | slw1 | L1 | l1 | es1 | z1 | H1 |
|---------|---------|-----------|---------------------------|----|------|-----|-----|-----|----|-----|
| 8212003 | 3381207 | 25mm | ECO LINE Bakkekran | 25 | 39 | 186 | 93 | 42 | 51 | 180 |
| 8212004 | 3381216 | 32mm | ECO LINE Bakkekran | 32 | 48 | 174 | 87 | 51 | 36 | 180 |
| 8212014 | 3381365 | 32mm | ECO Line Bakkekran Arctic | 32 | 48 | 174 | 87 | 51 | 36 | 180 |
| 8212005 | 3381209 | 40mm | ECO Line Bakkekran | 40 | 53 | 204 | 102 | 59 | 43 | 185 |
| 8212015 | 3381366 | 40mm | ECO Line Bakkekran Arctic | 40 | 53 | 204 | 102 | 59 | 43 | 185 |
| 8212006 | 3381368 | 50mm | ECO Line Bakkekran | 50 | 64 | 294 | 147 | 63 | 84 | 240 |
| 8212016 | 3381263 | 50mm | ECO Line Bakkekran Arctic | 50 | 64 | 294 | 147 | 63 | 84 | 240 |
| 8212007 | 3381369 | 63mm | ECO Line Bakkekran | 63 | 78 | 281 | 140 | 79 | 62 | 240 |
| 8212017 | 3381264 | 63mm | ECO Line Bakkekran Arctic | 63 | 78 | 281 | 140 | 79 | 62 | 240 |



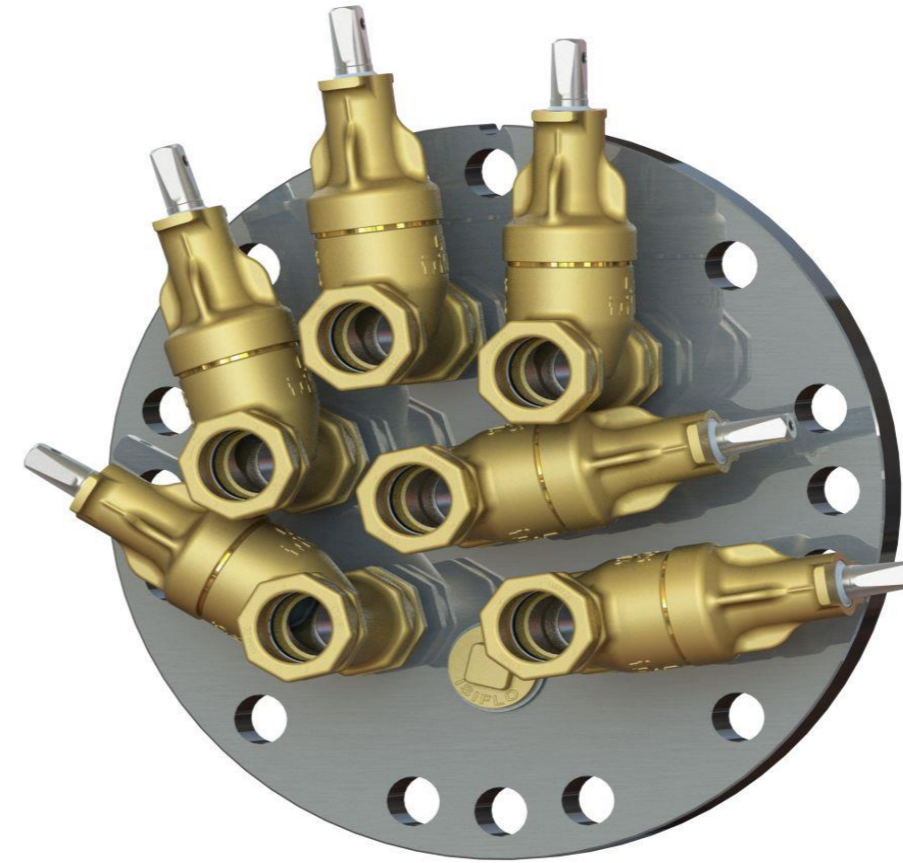
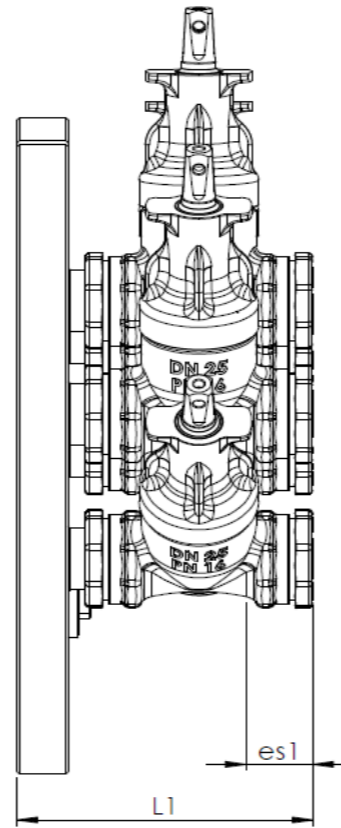
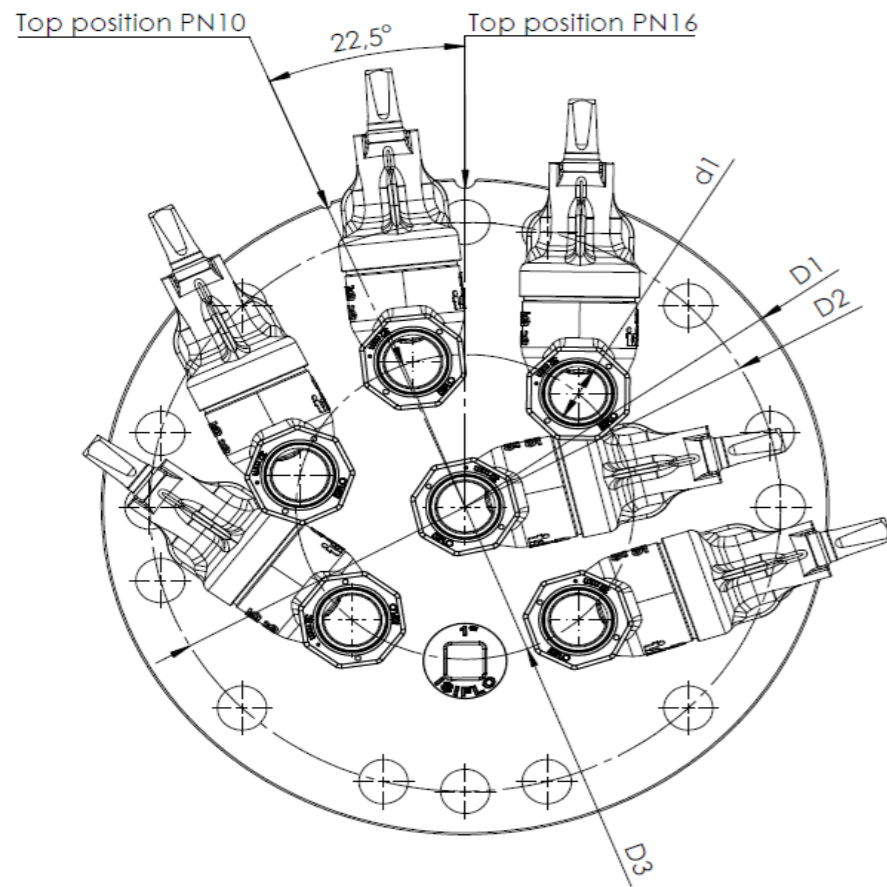
Type 250

| RWG nr. | NRF | Dimension | Description | Ø Manhole | d1 | d2 | slw1 | L1 | cc | es1 | es2 | H1 |
|---------|---------|--------------------------|-------------------|-----------|---------|----|------|------|-----|-----|-----|-----|
| 8212514 | 3381411 | 4 valves 32mm - Ø1200 | ECO LINE Manifold | 1200 | 32 | 50 | 39 | 688 | 130 | 51 | 84 | 282 |
| 8212534 | 3381412 | 6 valves 32mm - Ø1600 | ECO LINE Manifold | 1600 | 32 | 50 | 39 | 918 | 130 | 51 | 84 | 282 |
| 8212554 | 3381413 | 8 valves 32mm - Ø1600 | ECO LINE Manifold | 1600 | 32 | 50 | 39 | 735 | 130 | 51 | 84 | 556 |
| 8212574 | 3381416 | 10 valves 32mm - Ø1600 | ECO LINE Manifold | 1600 | 32 | 50 | 39 | 959 | 130 | 51 | 84 | 548 |
| 8212594 | 3381414 | 12 valves 32mm - Ø1600 | ECO LINE Manifold | 1600 | 32 | 50 | 39 | 1015 | 130 | 51 | 84 | 548 |
| 8212515 | 3381256 | 4 valves 40mm - Ø1200 | ECO LINE Manifold | 1200 | 40 | 63 | 53 | 751 | 143 | 59 | 82 | 305 |
| 8212535 | 3381257 | 6 valves 40mm - Ø1600 | ECO LINE Manifold | 1600 | 40 | 63 | 53 | 1003 | 143 | 59 | 82 | 305 |
| 8212516 | 3381257 | 4 valves R1 1/4" - Ø1200 | ECO LINE Manifold | 1600 | R1 1/4" | 63 | 60,5 | 1003 | 143 | 59 | 82 | 305 |
| 8212536 | 3381257 | 6 valves R1 1/4" - Ø1600 | ECO LINE Manifold | 1600 | R1 1/4" | 63 | 60,5 | 1003 | 143 | 59 | 82 | 305 |



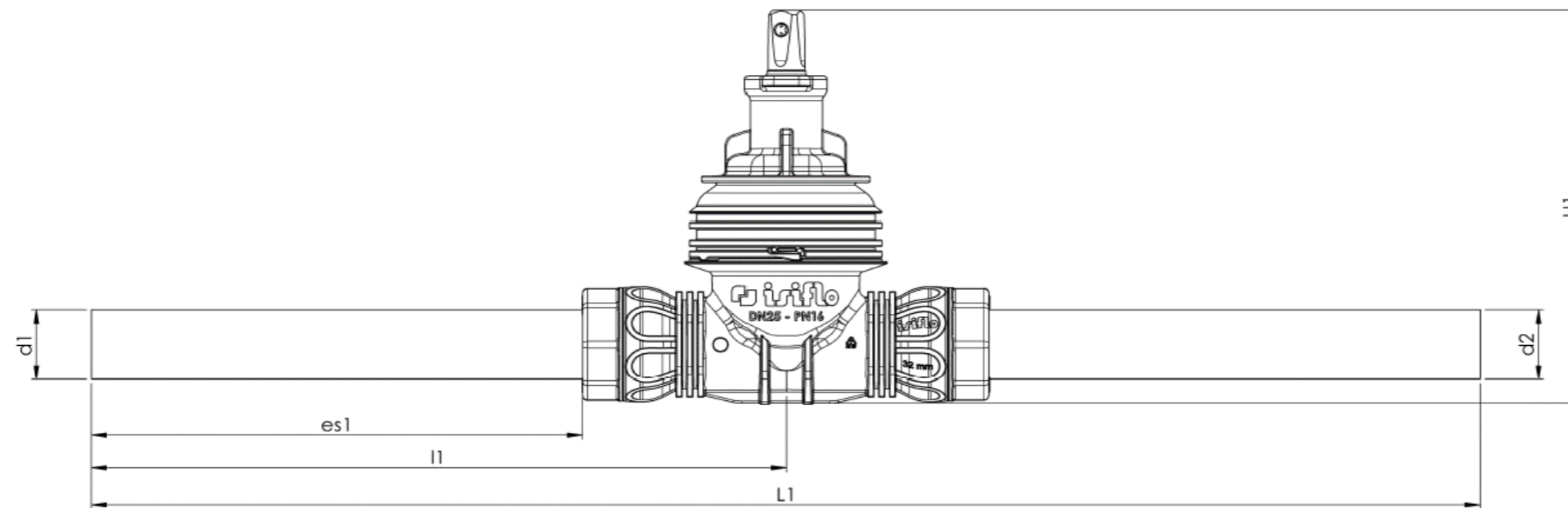
Type 260

| RWG nr. | NRF | Dimension | Description | D1 | D2 | D3 | L1 | d1 | d2 | es1 |
|---------|---------|--------------------------|----------------------|-----|-----|-----|-----|----|----|-----|
| 6212614 | 3381248 | 4 valves 32mm - DN150 | Isiflo Samleflens | 285 | 240 | 108 | 138 | 32 | 1" | 31 |
| 6212604 | 3381247 | 6 valves 32mm - DN200 | Isiflo Samleflens | 340 | 295 | 158 | 138 | 32 | 1" | 31 |



Type 290

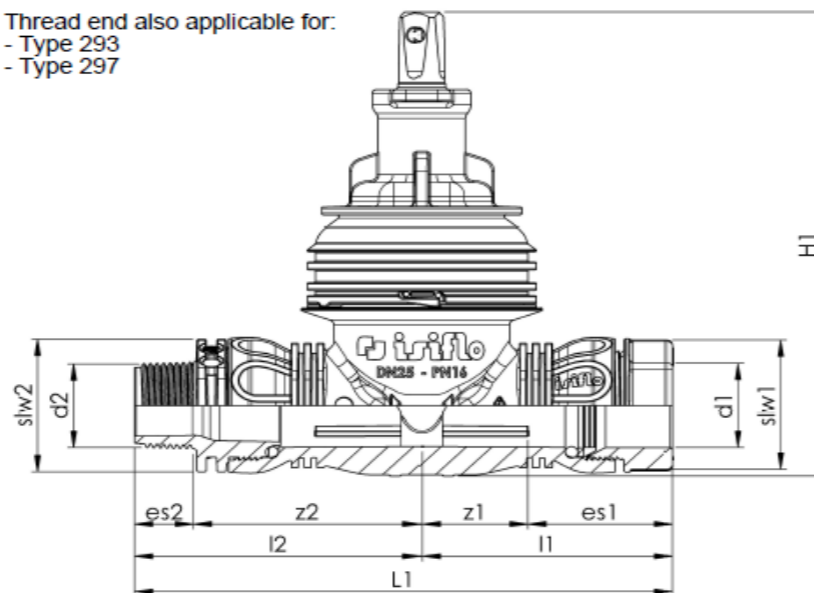
| RWG nr. | NRF | Dimension | Description | d1 | d2 | L1 | l1 | l2 | es1 | es2 | H1 |
|---------|---------|-------------|-----------------------------|----|----|-----|-----|-----|-----|-----|-----|
| 8212904 | 3381223 | 32mm x 32mm | ECO LINE Bakkekran m PE-ben | 32 | 32 | 580 | 290 | 290 | 205 | 205 | 180 |
| 8212905 | 3381224 | 40mm x 40mm | ECO LINE Bakkekran m PE-ben | 40 | 40 | 580 | 290 | 290 | 192 | 192 | 185 |
| 8212906 | 3381233 | 50mm x 50mm | ECO LINE Bakkekran m PE-ben | 50 | 50 | 760 | 380 | 380 | 233 | 233 | 240 |
| 8212907 | 3381234 | 63mm x 63mm | ECO LINE Bakkekran m PE-ben | 63 | 63 | 704 | 352 | 352 | 211 | 211 | 240 |



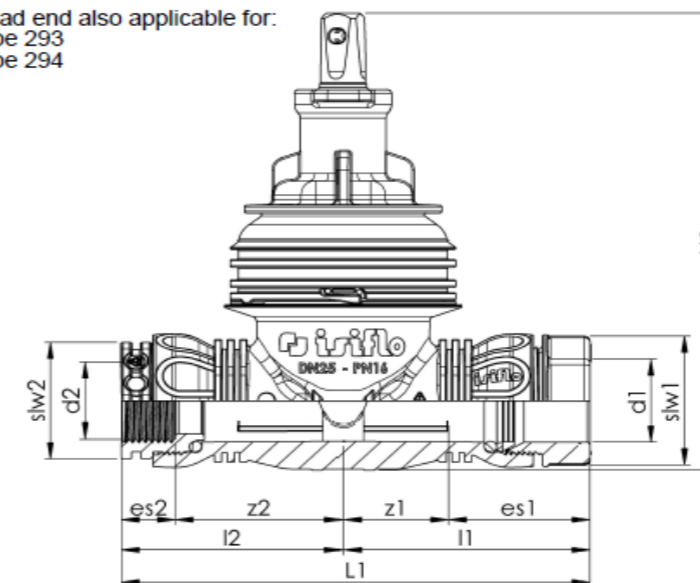
Type 291, 292, 293, 294, 297

| RWG nr. | NRF | Dimension | Description | d1 | d2 | slw1 | slw2 | L1 | l1 | l2 | es1 | es2 | z1 | z2 | H1 |
|---------|---------|---------------------|------------------------------|----------|----------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|
| 8212914 | 3381352 | 32mm x 1"FM | ECO LINE Bakkekran m gjenger | 32 | Rp1" | 48 | 46 | 166 | 87 | 79 | 51 | 19 | 36 | 60 | 180 |
| 8212924 | 3381354 | 32mm x 1"M | ECO LINE Bakkekran m gjenger | 32 | R1" | 48 | 46 | 188 | 87 | 101 | 51 | 20 | 36 | 81 | 180 |
| 8212928 | 3381249 | 32mm x 1 1/4"M | ECO LINE Bakkekran m gjenger | 32 | R1 1/4" | 48 | 61 | 191 | 87 | 103 | 51 | 19 | 36 | 84 | 180 |
| 8212934 | 3381356 | 1"FM x 1"M | ECO LINE Bakkekran m gjenger | Rp1" | R1" | 46 | 46 | 180 | 79 | 101 | 19 | 20 | 60 | 81 | 180 |
| 8212944 | 3381358 | 1"FM x 1"FM | ECO LINE Bakkekran m gjenger | Rp1" | Rp1" | 46 | 46 | 158 | 79 | 79 | 19 | 19 | 60 | 60 | 180 |
| 8212974 | 3381225 | 1"M x 1"M | ECO LINE Bakkekran m gjenger | R1" | R1" | 46 | 46 | 202 | 101 | 101 | 20 | 20 | 81 | 81 | 180 |
| 8212915 | 3381353 | 40mm x 1 1/4"FM | ECO LINE Bakkekran m gjenger | 40 | Rp1 1/4" | 53 | 61 | 188 | 103 | 85 | 59 | 19 | 44 | 66 | 185 |
| 8212925 | 3381355 | 40mm x 1 1/4"M | ECO LINE Bakkekran m gjenger | 40 | R1 1/4" | 53 | 61 | 212 | 102 | 110 | 59 | 23 | 43 | 87 | 185 |
| 8212935 | 3381357 | 1 1/4"FM x 1 1/4"FM | ECO LINE Bakkekran m gjenger | Rp1 1/4" | R1 1/4" | 61 | 61 | 195 | 85 | 110 | 19 | 23 | 66 | 87 | 185 |
| 8212945 | 3381359 | 1 1/4"FM x 1 1/4"FM | ECO LINE Bakkekran m gjenger | Rp1 1/4" | Rp1 1/4" | 61 | 61 | 170 | 85 | 85 | 19 | 19 | 66 | 66 | 185 |
| 8212975 | 3381226 | 1 1/4"M x 1 1/4"M | ECO LINE Bakkekran m gjenger | R1 1/4" | R1 1/4" | 61 | 61 | 220 | 110 | 110 | 23 | 23 | 87 | 87 | 185 |
| 8212916 | 3381373 | 50mm x 1 1/2"FM | ECO LINE Bakkekran m gjenger | 50 | Rp1 1/2" | 64 | 72 | 279 | 147 | 132 | 63 | 21 | 84 | 111 | 240 |
| 8212926 | 3381375 | 50mm x 1 1/2"M | ECO LINE Bakkekran m gjenger | 50 | R1 1/2" | 64 | 72 | 303 | 147 | 156 | 63 | 24 | 84 | 132 | 240 |
| 8212936 | 3381377 | 1 1/2"FM x 1 1/2"FM | ECO LINE Bakkekran m gjenger | Rp1 1/2" | R1 1/2" | 72 | 72 | 289 | 156 | 133 | 24 | 21 | 132 | 112 | 240 |
| 8212946 | 3381379 | 1 1/2"FM x 1 1/2"FM | ECO LINE Bakkekran m gjenger | Rp1 1/2" | Rp1 1/2" | 72 | 72 | 264 | 132 | 132 | 21 | 21 | 111 | 111 | 240 |
| 8212976 | 3381383 | 1 1/2"M x 1 1/2"M | ECO LINE Bakkekran m gjenger | R1 1/2" | R1 1/2" | 72 | 72 | 312 | 156 | 156 | 24 | 24 | 132 | 132 | 240 |
| 8212917 | 3381374 | 63mm x 2"FM | ECO LINE Bakkekran m gjenger | 63 | Rp2" | 78 | 90 | 264 | 141 | 123 | 79 | 26 | 62 | 97 | 240 |
| 8212927 | 3381376 | 63mm x 2"M | ECO LINE Bakkekran m gjenger | 63 | R2" | 78 | 90 | 291 | 141 | 150 | 79 | 27 | 62 | 123 | 240 |
| 8212937 | 3381378 | 2"FM x 2"FM | ECO LINE Bakkekran m gjenger | Rp2" | R2" | 90 | 90 | 273 | 123 | 150 | 26 | 27 | 97 | 123 | 240 |
| 8212947 | 3381214 | 2"FM x 2"FM | ECO LINE Bakkekran m gjenger | Rp2" | Rp2" | 90 | 90 | 246 | 123 | 123 | 26 | 26 | 97 | 97 | 240 |
| 8212977 | 3381384 | 2"M x 2"M | ECO LINE Bakkekran m gjenger | R2" | R2" | 90 | 90 | 300 | 150 | 150 | 27 | 27 | 123 | 123 | 240 |

Thread end also applicable for:
 - Type 293
 - Type 297

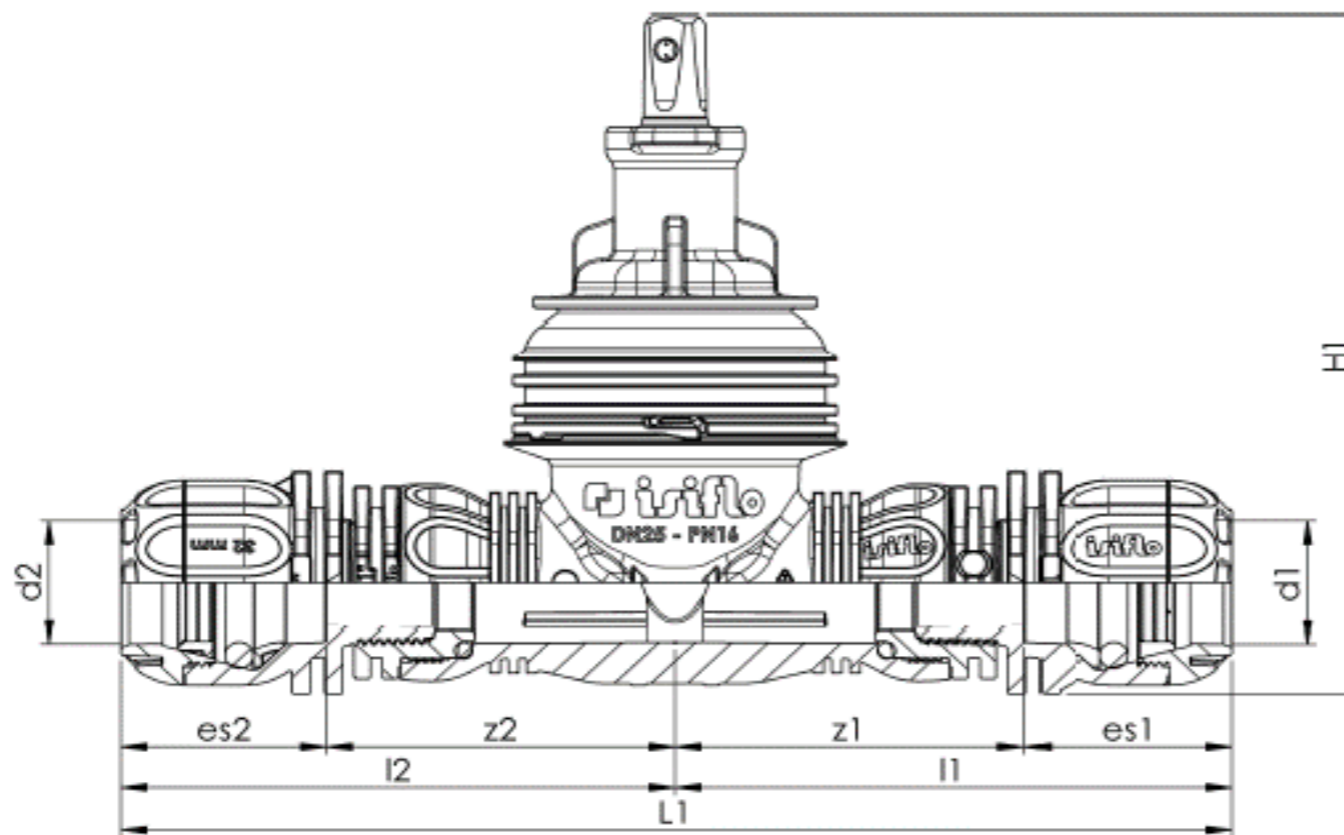


Thread end also applicable for:
 - Type 293
 - Type 294



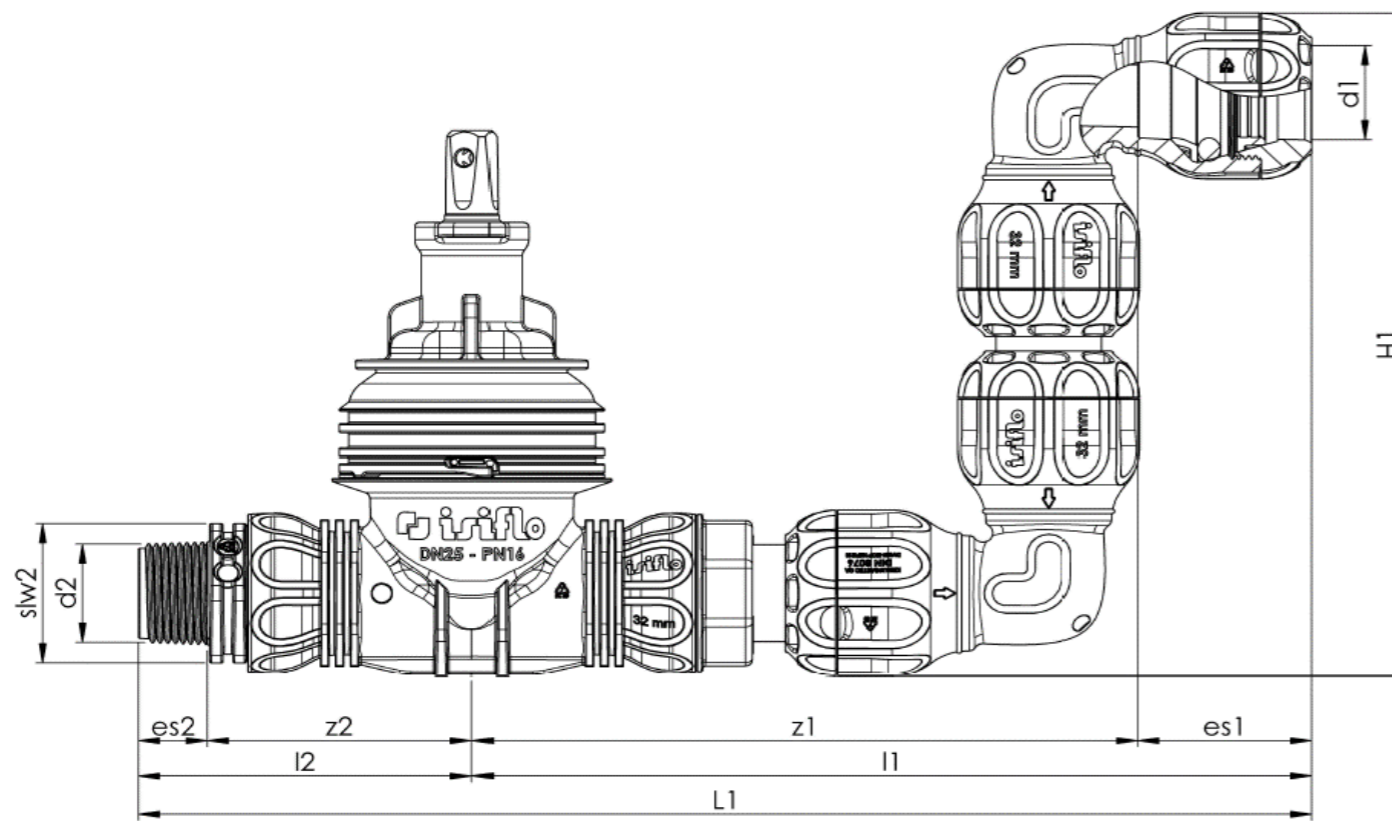
Type 295

| RWG nr. | NRF | Dimension | Description | d1 | d2 | L1 | l1 | l2 | es1 | es2 | z1 | z2 | H1 |
|---------|---------|-------------|--------------------------------|----|----|-----|-------|-------|-----|-----|-------|-------|-----|
| 8212953 | NA | 25mm x 25mm | ECO LINE Bakkekran m Sprint | 25 | 25 | 236 | 118 | 118 | 47 | 47 | 71 | 71 | 180 |
| 8212954 | 3381361 | 32mm x 32mm | ECO LINE Bakkekran m Sprint | 32 | 32 | 245 | 122,5 | 122,5 | 50 | 50 | 72,5 | 72,5 | 180 |
| 8212955 | 3381362 | 40mm x 40mm | ECO LINE Bakkekran m Sprint | 40 | 40 | 279 | 139,5 | 139,5 | 62 | 62 | 77,5 | 77,5 | 185 |
| 8212956 | 3381287 | 50mm x 50mm | ECO LINE Bakkekran m Sprint | 50 | 50 | 425 | 212,5 | 212,5 | 84 | 84 | 128,5 | 128,5 | 240 |
| 8212957 | 3381288 | 63mm x 63mm | ECO LINE Bakkekran m Sprint | 63 | 63 | 435 | 217,5 | 217,5 | 82 | 82 | 135,5 | 135,5 | 240 |



Type 296

| RWG nr. | NRF | Dimension | Description | d1 | d2 | slw2 | L1 | l1 | l2 | es1 | es2 | z1 | z2 | H1 |
|---------|---------|-----------------------------|--------------------|----|---------|------|-----|-----|-----|-----|-----|-----|-----|-----|
| 8212964 | 3381363 | 1"M x 32mm sviwel elbow | ECO LINE Bakkekran | 32 | R1" | 46 | 390 | 254 | 136 | 50 | 20 | 204 | 116 | 220 |
| 8212965 | 3381364 | 1 1/4"M x 40mm sviwel elbow | ECO LINE Bakkekran | 40 | R1 1/4" | 61 | 416 | 306 | 110 | 62 | 23 | 244 | 87 | 274 |
| 8212966 | 3381381 | 1 1/2"M x 50mm sviwel elbow | ECO LINE Bakkekran | 50 | R1 1/2" | 72 | 571 | 415 | 156 | 84 | 24 | 331 | 132 | 346 |
| 8212967 | 3381382 | 2"M x 63mm sviwel elbow | ECO LINE Bakkekran | 63 | R2" | 90 | 540 | 390 | 150 | 82 | 27 | 308 | 123 | 358 |



Type 298

| RWG nr. | NRF | Dimension | Description | d1 | d2 | slw1 | slw2 | L1 | l1 | l2 | es1 | es2 | z1 | z2 | h1 | H1 |
|---------|---------|-----------|---------------------------------|----|----|------|------|-----|-----|-----|-----|-----|----|-----|-----|-----|
| 8212984 | 3381385 | 32mm | ECO Line Bakkekran m rep. kobl. | 32 | 32 | 48 | 48 | 293 | 82 | 211 | 51 | 110 | 31 | 101 | 153 | 180 |
| 8212985 | 3381386 | 40mm | ECO Line Bakkekran m rep. kobl. | 40 | 40 | 53 | 53 | 332 | 102 | 230 | 59 | 123 | 43 | 107 | 153 | 185 |
| 8212986 | 3381387 | 50mm | ECO Line Bakkekran m rep. kobl. | 50 | 50 | 64 | 64 | 459 | 147 | 312 | 63 | 164 | 84 | 148 | 188 | 240 |
| 8212987 | 3381388 | 63mm | ECO Line Bakkekran m rep. kobl. | 63 | 63 | 78 | 78 | 447 | 140 | 307 | 79 | 157 | 61 | 150 | 188 | 240 |

