SIPHONS ABLÄUFE























# HL Connectors

## 8. Toilet

8

# HL Toilet connectors

## Basic information about design and installation

HL supplies fitting connectors for every kind of toilet, which match with modern installation technology, functionally and visually. The plumber should take care on the following topics:

▲ Tightness
Please check the diameter of the outlet of the toilet facility, before connecting to the drainage system. As this connection is mostly behind the wall or in the floor, leakage in this area might be very unpleasant. Note: Outer diameter 102mm, tolerance +/- 5 mm.

▲ Flexibility
When installing a toilet on the floor, sometimes the problem occures, that the position of the outlet pipe is imprecise. This may be solved by using excentric connectors or rosettes.

▲ Material
The usage of high-quality material garanties a long lifetime. When leakness occures, the gasket easily may be changed.

Relevant standards/directives

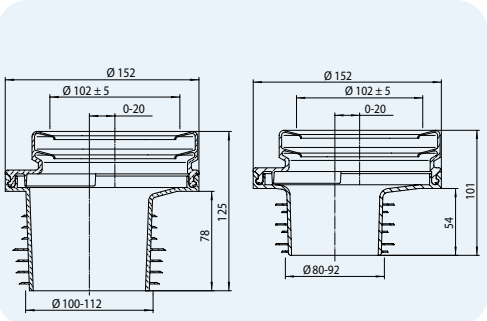
DIN 19560 ..... Pipes and fittings made of PP inside the building
DIN 1389 ..... Toilet connection fittings

## HL Toilet connectors – Products – Data

### HL200 Toilet connector with excentric sleeve

**Data**

| | |
|---|---|
| Material | PE-soft |
| Connection dimension | Ø 102 ± 5 mm |
| Outlet dimension | HL200/1: Ø 100 – 112 mm<br>HL200/90: Ø 80 – 92 mm |
| Standard | DIN 1389 |
| Recommended for | Toilet bowls with vertical outlet |
| Additional information | with multiple lip-seal, 20mm excenticity |



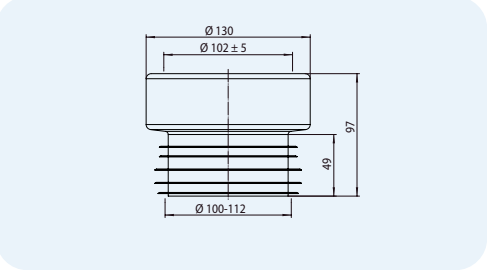



| HL-No. | Dimension | Weight | EAN | Piece/package |
|---|---|---|---|---|
| 200/1 | DN110 | 225 g | +502004 | 10 |
| 200/90 | DN90 | 220 g | +200900 | 10 |

### HL201 Toilet connector

**Data**

| | |
|---|---|
| Material | PE-soft |
| Connection dimension | Ø 102 ± 5 mm |
| Outlet dimension | Ø 100 – 112 mm |
| Standard | DIN 1389 |
| Recommended for | Toilet bowls with vertical outlet |
| Additional information | with multiple lip seal |



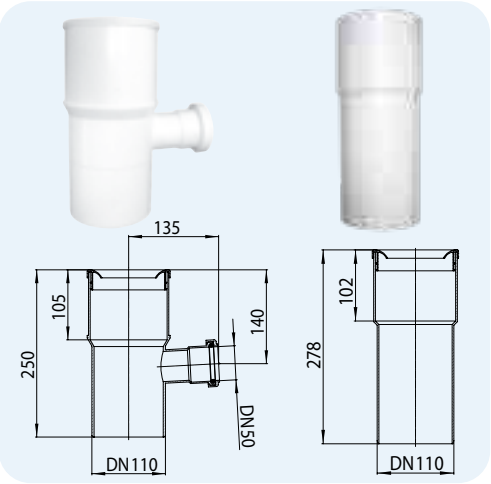



| HL-No. | Dimension | Weight | EAN | Piece/package |
|---|---|---|---|---|
| 201 | DN110 | 110 g | +502011 | 10 |

## HL202 Pan connector
## HL202G Toilet connector

### Data

| | |
|---|---|
| Material | PP |
| Connection dimension | HL202: Ø 102 ± 5 mm/DN50<br>HL202G: Ø 102 ± 5 mm |
| Outlet dimension | DN110 |
| Standard | DIN 1389 |
| Recommended for | Toilet bowls with vertical outlet |
| Additional information | with gasket |





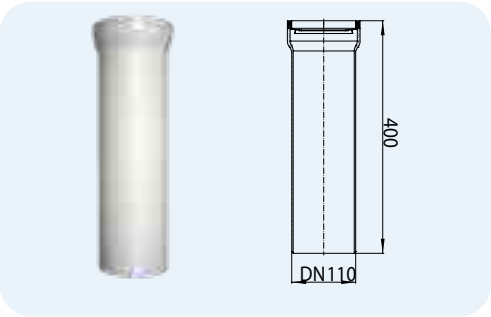

HL01026D

| HL-No. | Dimension | Weight | EAN | Piece/package |
|---|---|---|---|---|
| 202 | DN100 x DN50 | 275 g | +502028 | 15 |
| 202G | DN110 | 275 g | +512027 | 15 |

## HL203 Toilet connector white

### Data

| | |
|---|---|
| Material | PP |
| Connection dimension | Ø 97 – 110 mm |
| Outlet dimension | DN110 |
| Standard | DIN 1389 |
| Recommended for | Toilet bowls with horizontal outlet |
| Additional information | with flexible gasket and ring |






HL0203.1E

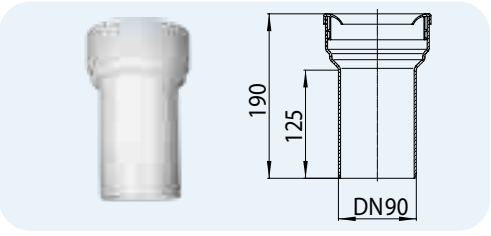
HL01025D

| HL-No. | Dimension | Weight | EAN | Piece/package |
|---|---|---|---|---|
| 203/1 | DN110 | 215 g | +502035 | 10 |

## HL203/90 Toilet connector white

### Data

| | |
|---|---|
| Material | PP |
| Connection dimension | Ø 102 ± 5 mm |
| Outlet dimension | DN90 |
| Standard | DIN 1389 |
| Recommended for | Toilet bowls with horizontal outlet |
| Additional information | with gasket |





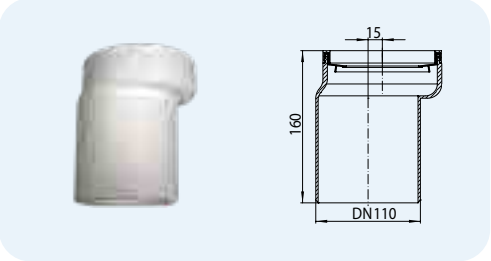

HL01026D

| HL-No. | Dimension | Weight | EAN | Piece/package |
|---|---|---|---|---|
| 203/90WE | DN90 | 190 g | +502134 | 25 |

## HL204 Discharged toilet connector white

### Data

| | |
|---|---|
| Material | PP |
| Connection dimension | Ø 97 – 110 mm |
| Outlet dimension | DN110 |
| Standard | DIN 1389 |
| Recommended for | Toilet bowls with horizontal outlet |
| Additional information | 15 mm discharged,<br>with gasket and ring |






HL0203.1E

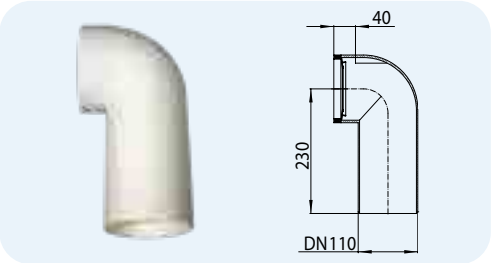
HL01025D

| HL-No. | Dimension | Weight | EAN | Piece/package |
|---|---|---|---|---|
| 204 | DN110 | 220 g | +502042 | 1 |

## HL205 Toilet elbow-connector, white

### Data

| | |
|---|---|
| Material | PP |
| Connection dimension | Ø 97 – 110 mm |
| Outlet dimension | DN110 |
| Standard | DIN 1389 |
| Recommended for | Toilet bowls with horizontal outlet |
| Additional information | with gasket and ring |





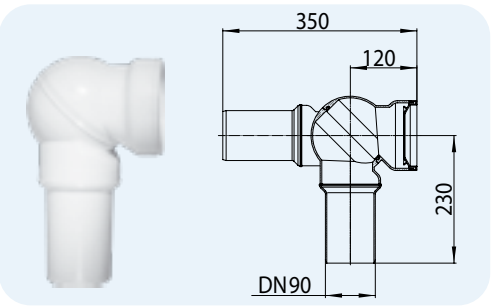


| HL-No. | Dimension | Weight | EAN | Piece/package |
|---|---|---|---|---|
| 205 | DN110 | 220 g | +502059 | 10 |

## HL209 Toilet elbow-connector, white with ball-joint

### Data

| | |
|---|---|
| Material | PP |
| Connection dimension | Ø 97 – 110 mm |
| Outlet dimension | DN90 |
| Standard | DIN 1389 |
| Recommended for | Toilet bowls with horizontal outlet |
| Additional information | with ball-joint, gasket and ring |





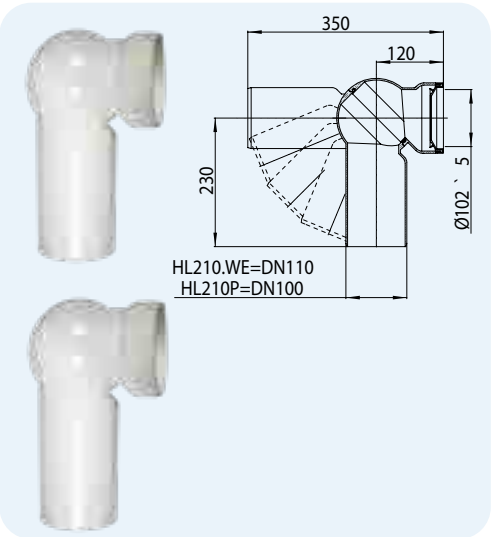


| HL-No. | Dimension | Weight | EAN | Piece/package |
|---|---|---|---|---|
| 209.WE | DN110 x DN90 | 405 g | +502097 | 10 |

## HL210 Toilet elbow-connector, white with ball-joint
## HL210P like HL210 but PVC DN100

### Data

| | |
|---|---|
| Material | HL210.WE: PP<br>HL210P: PP/PVC |
| Connection dimension | Ø 97 – 110 mm |
| Outlet dimension | HL210.WE: DN110<br>HL210P: DN100 |
| Standard | DIN 1389 |
| Recommended for | Toilet bowls with horizontal outlet |
| Additional information | with ball-joint, gasket and ring, product “P”: outlet made of PVC |





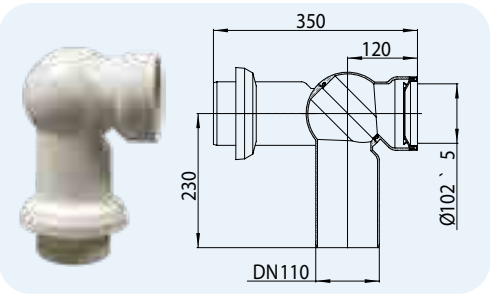


| HL-No. | Dimension | Weight | EAN | Piece/package |
|---|---|---|---|---|
| 210.WE | DN110 | 430 g | +502103 | 10 |
| 210P | DN100 | 540 g | +502110 | 1 |

## HL210.7 Toilet elbow-connector, white with ball-joint and rosette

### Data

| | |
|---|---|
| Material | PP |
| Connection dimension | Ø 97 – 110 mm |
| Outlet dimension | DN110 |
| Standard | DIN 1389 |
| Recommended for | Toilet bowls with horizontal outlet |
| Additional information | with ball-joint, rosette HL7EL, gasket and ring |





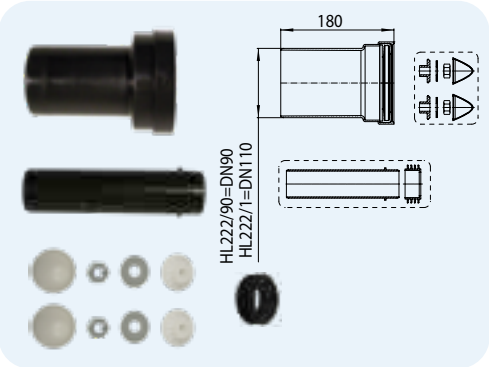


| HL-No. | Dimension | Weight | EAN | Piece/package |
|---|---|---|---|---|
| 210.7WE | DN110 | 475 g | +502172 | 5 |

## HL222 Toilet connector kit

### Data

| | |
|---|---|
| Material | PP |
| Connection dimension | Ø 102 ± 5 mm |
| Outlet dimension | HL222/1: DN110<br>HL222/90: DN90 |
| Standard | DIN 1389 |
| Recommended for | Connection of waste and rinse water for wall-toilets |
| Additional information | Installation set available in delivery |





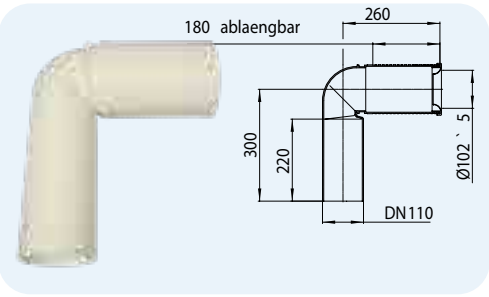


| HL-No. | Dimension | Weight | EAN | Piece/package |
|---|---|---|---|---|
| 222/1 | DN110 | 325 g | +502226 | 1 |
| 222/90 | DN90 | 310 g | +522293 | 1 |

## HL224 Toilet elbow-connector

### Data

| | |
|---|---|
| Material | PP |
| Connection dimension | Ø 102 ± 5 mm |
| Outlet dimension | DN110 |
| Standard | DIN 1389 |
| Recommended for | Toilet bowls with horizontal outlet |
| Additional information | with cuttable inlet part and gasket |





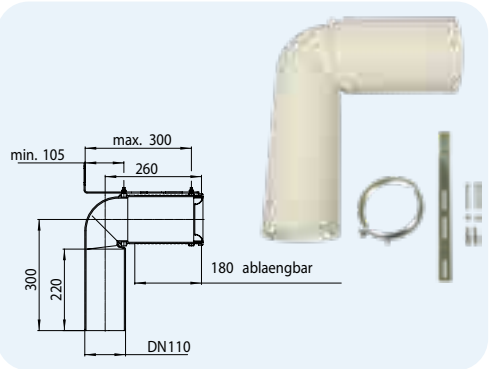


| HL-No. | Dimension | Weight | EAN | Piece/package |
|---|---|---|---|---|
| 224.WE | DN110 | 600 g | +502240 | 5 |

## HL224.1 Toilet elbow-connector with pipe clip and fixing bracket

### Data

| | |
|---|---|
| Material | PP |
| Connection dimension | Ø 102 ± 5 mm |
| Outlet dimension | DN110 |
| Standard | DIN 1389 |
| Recommended for | Toilet bowls with horizontal outlet |
| Additional information | with cuttable inlet part, gasket, bracket and clip for toilet bowls with „Vario“-outlet |





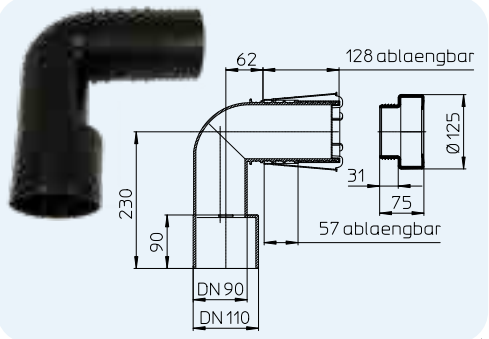


| HL-No. | Dimension | Weight | EAN | Piece/package |
|---|---|---|---|---|
| 224.1 | DN110 | 1205 g | +512249 | 1 |

## HL225/90 Toilet elbow-connector

### Data

| | |
|---|---|
| Material | PE |
| Connection dimension | Ø 97 – 110 mm |
| Outlet dimension | DN90/110 |
| Standard | DIN 1389 |
| Recommended for | Connectible to all 4 shell rings spots to ensure optimal connection |
| Additional information | cuttable inlet part, no connection to the wall, rubber gasket with support tube and lot cover |





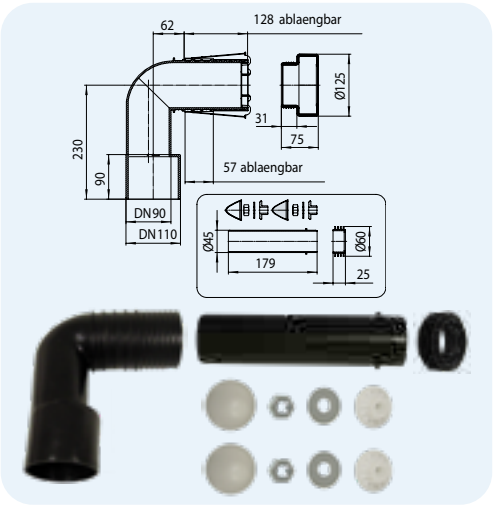


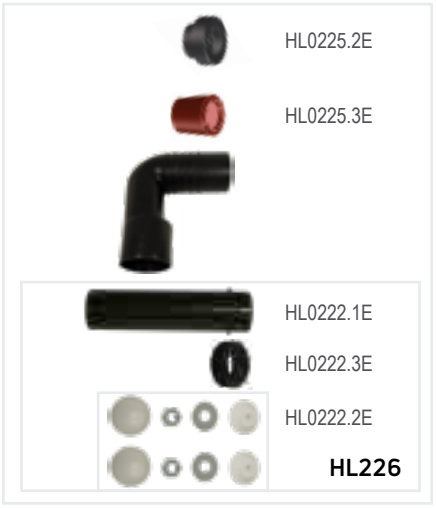
| HL-No. | Dimension | Weight | EAN | Piece/package |
|---|---|---|---|---|
| 225/90 | DN90/110 | 860 g | +225903 | 5 |

## HL225.1/90 Toilet elbow-connector with connector kit HL226

### Data

| | |
|---|---|
| Material | PE |
| Connection dimension | Ø 97 – 110 mm |
| Outlet dimension | DN90/110 |
| Standard | DIN 1389 |
| Recommended for | Connectible to all 4 shell rings spots to ensure optimal connection |
| Additional information | cuttable inlet part, no connection to the wall, rubber gasket with support tube and lot cover |



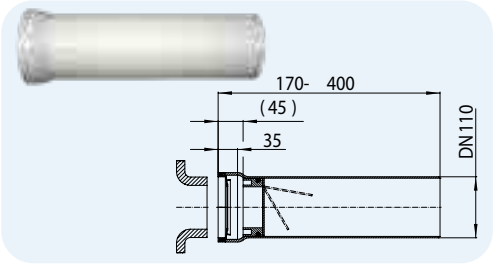




| HL-No. | Dimension | Weight | EAN | Piece/package |
|---|---|---|---|---|
| 225.1/90 | DN90/110 | 980 g | +225194 | 5 |

## HL703 Toilet elbow-connector with connector kit HL226

### Data

| | |
|---|---|
| Material | PP |
| Connection dimens. | Ø 97 – 110 mm |
| Outlet dimension | DN110 |
| Standard | DIN 1389 |
| Recommended for | "Problem-solver" for toilet bowls with backflush, caused by incorrect drainage |
| Additional information | with gasket and ring |







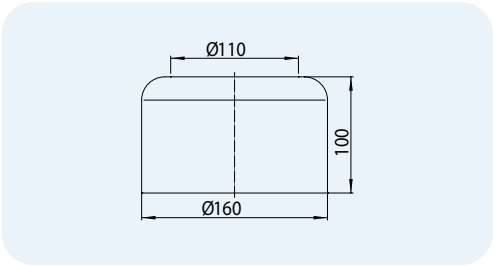
| HL-No. | Dimension | Weight | EAN | Piece/package |
|---|---|---|---|---|
| 703 | DN110 | 530 g | +507030 | 1 |

# HL Toilet connectors – Accessories – Data

## HL7.WE Splitted toilet rosette

### Data

| | |
|---|---|
| Material | PP |
| Connection dimension | Ø 110 mm |
| Outlet dimension | Ø 160 mm |
| Recommended for | visual aprovement of wall or floor connections |
| Additional information | splittable rosette for finished installations |



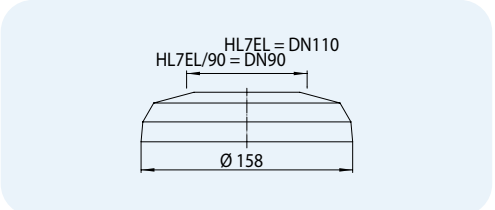



| HL-No. | Dimension | Weight | EAN | Piece/package |
|---|---|---|---|---|
| 7.WE | DN110 | 140 g | +502073 | 30 |

## HL7EL Elastic toilet rosette, white

### Data

| | |
|---|---|
| Material | PE-soft |
| Connection dimension | HL7EL.WE: DN110<br>HL7EL/90WE: DN90 |
| Outlet dimension | Ø 158 mm |
| Recommended for | visual aprovement of wall or floor connections |
| Additional information | elastic rostette |






| HL-No. | Dimension | Weight | EAN | Piece/package |
|---|---|---|---|---|
| 7EL.WE | DN110 | 45 g | +500079 | 5 |
| 7EL/90WE | DN90 | 45 g | +501076 | 5 |