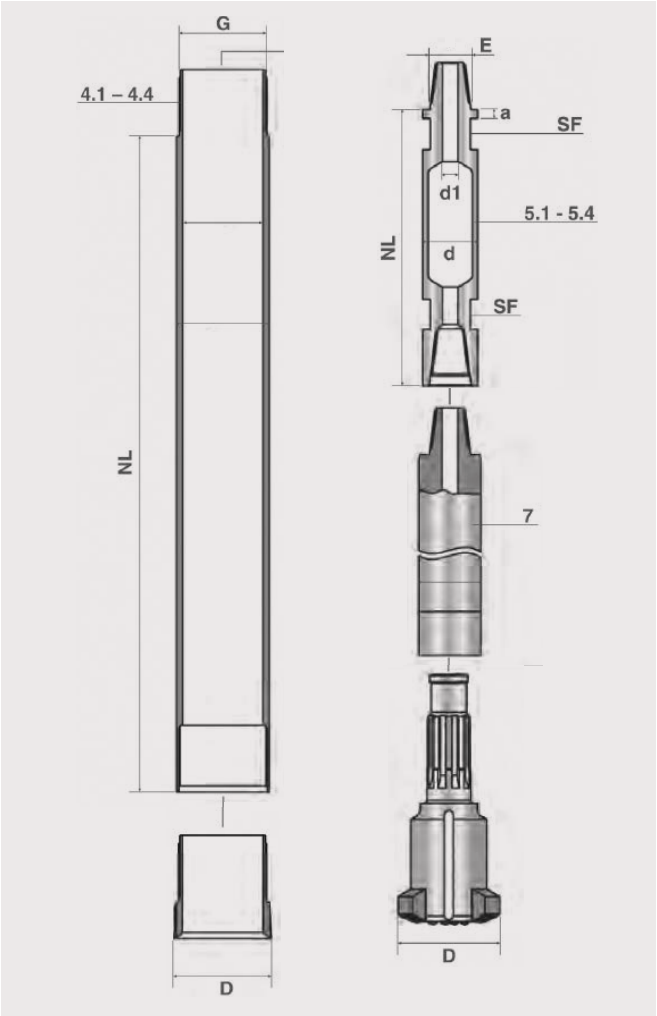
# Drilling Tools

## Lumetrix (Cased Drilling)

| | | Lumetrix 90 | Lumetrix 115 | Lumetrix 140 |
|---|---|---|---|---|
| ***Drilling diameter*** | *mm* | 125 / 91 | 152 / 114 | 185 |
| ***Down-the-hole hammer*** | *"* | 3 | 4 | 5 |
| ***Drill bit 1 m (length)*** | *ø* | 76 | 76 | |
| ***Drill bit 1.5 m (length)*** | *ø* | 76 | 76 | |
| ***Direction of rotation*** | | right | right | right |
| ***Starting tube 1.08 m (length)*** | *ø* | 114.3 × 6.5 | 139.7 × 7.1 | 168.3 / 177.8 |
| ***Starting tube 1 m (length)*** | *ø* | 114.3 × 6.5 | 139.7 × 7.1 | 168.3 / 177.8 |
| ***Starting tube 1.5 m (length)*** | *ø* | 114.3 × 6.5 | 139.7 × 7.1 | 168.3 / 177.8 |
| ***Pipe guide*** | *mm* | 114.3 | 139.7 | 168.3 / 177.8 |
| ***Casing protector*** | *ø* | 114.3 | 139.7 | 168.3 / 177.8 |
| ***Pulling head*** | | Yes | Yes | Yes |
| ***Clamps*** | | Yes | Yes | Yes |




The ***Lumetrix*** makes it possible to create a cased borehole. The casing is used for safe installation in unstable soils of anchors or piles.

The ***Lumetrix*** has a fold-out drill head which allows the outer pipe to be overcut.

The outer pipe is pulled in over a shoulder by means of the ***Lumetrix***. By folding in the ***Lumetrix***, it can be removed together with the inner pipe once the drilling depth has been reached.

After moving the anchor or pile, the outer pipes can also be recovered from the borehole with a ***Lumesa*** pulling trolley, depending on the geology and high friction.

