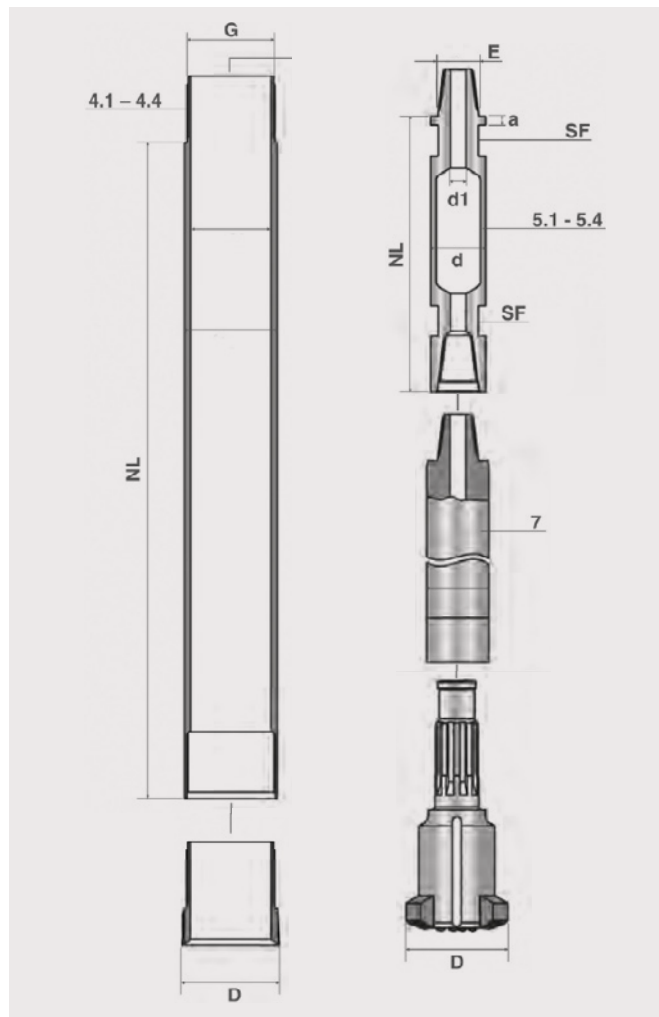


# Drilling Tools

## 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)	∅	76	76	
Drill bit 1.5 m (length)	∅	76	76	
Direction of rotation		left	left	left
Starting tube 1.08 m (length)	∅	114.3 × 6.5	139.7 × 7.1	168.3 / 177.8
Starting tube 1 m (length)	∅	114.3 × 6.5	139.7 × 7.1	168.3 / 177.8
Starting tube 1.5 m (length)	∅	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	∅	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.

