

# MOMENT® CONNECTION LOOP



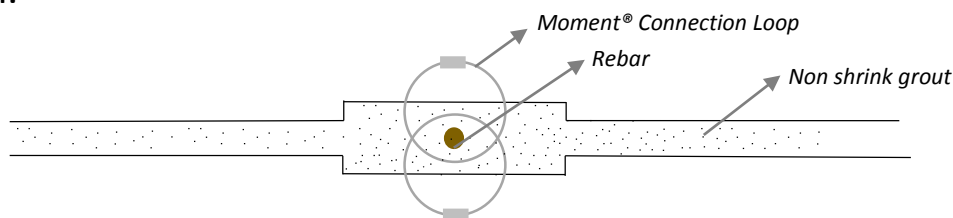
Moment® Connection Loop is a single-wire loop used to connect 2 precast boxes for the prefabricated prefinished volumetric construction (PPVC).

## Applications

In order to connect 2 precast elements, both precast elements has to be cast with the Moment® Connection Loop at the wall. A rebar will then be inserted through the intersection of 2 loops.



After placing the rebar, the gap between the precast elements will need to be grouted using a 40Mpa or 70MPa non shrink grout depending on the application.



*Drawing showing the top view of the connection in between the precast elements*

## Dimensions and Availability

Item	Diameter of the wire	Diameter of the loop	Average breaking load
MCL6	6mm	120mm	54kN
MCL12	12mm	120mm	121kN



*6mm diameter*



*12mm diameter*

## Material

Material strength of the Moment® Connection Loop is 1770N/mm<sup>2</sup> and complies to EN12385-4:2002+A1.



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