

Bending and pull-out tests on a novel screw type reinforcement for extrusion-based 3D printed concrete

Hass, Lauri; Bos, Freek Second RILEM International Conference on Concrete and Digital Fabrication : Digital Concrete 2020 2020 / p. 632-645 : ill https://doi.org/10.1007/978-3-030-49916-7_64 [Journal metrics at Scopus](#) [Article at Scopus](#)

**Helical reinforcement in 3D printed concrete : development and characterization of a novel reinforcement technique =
Heeliksarmatuur 3D-prinditud betoonis : uudse armeerimistehnika väljatöötamine ja iseloomustamine**

Hass, Lauri 2025 https://www.eester.ee/record=b5729299*est <https://digikogu.taltech.ee/et/Item/8dbb1c2d-6025-4491-a2ce-60867c902d90>
<https://doi.org/10.23658/taltech.1/2025>

Robotically placed reinforcement using the automated screwing device – an application perspective for 3D concrete printing

Hass, Lauri; Bos, Freek Third RILEM International Conference on Concrete and Digital Fabrication : Digital Concrete 2022 2022 / p. 417 - 423 https://doi.org/10.1007/978-3-031-06116-5_62 [Article collection metrics at Scopus](#) [Article at Scopus](#)