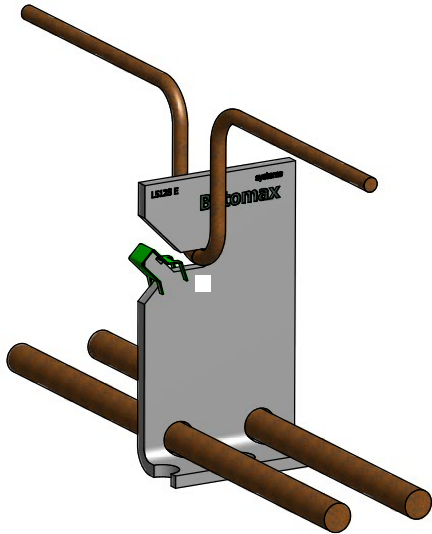


CLIXS

PUNCHING SHEAR
REINFORCEMENT SYSTEM



CLIXS is an innovative punching shear reinforcement system, which is based on the use of bevelled steel plates being able to absorb both punching force and shear force.

This enables CLIXS to become a throughout user-oriented application ideally suited for the precast industry.

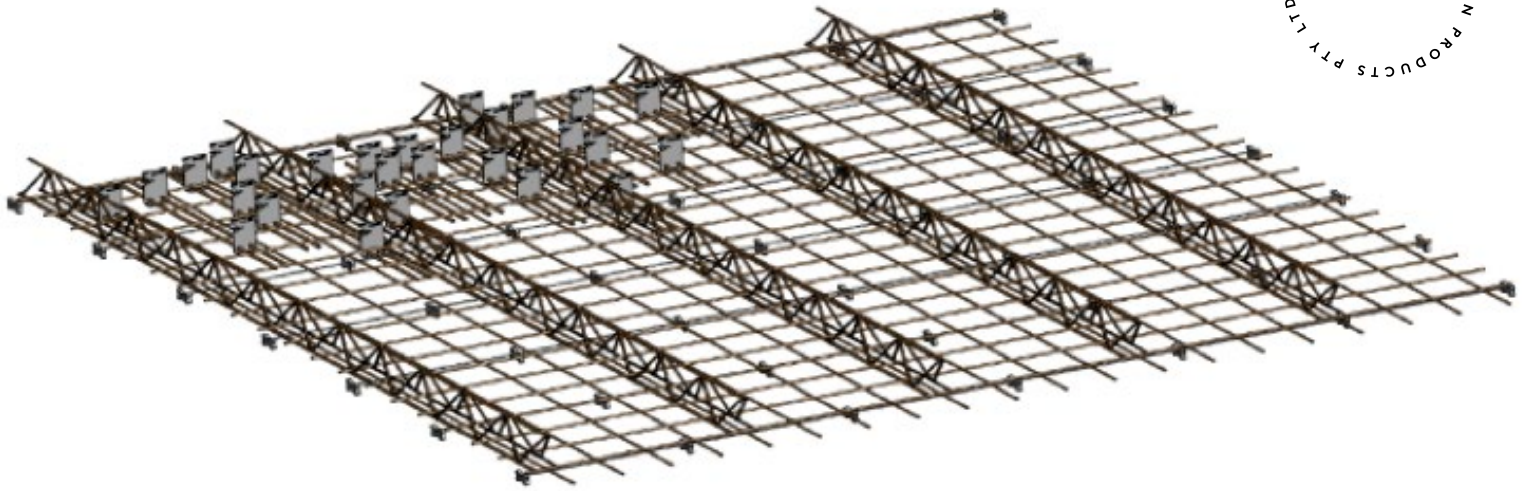


KEY BENEFITS

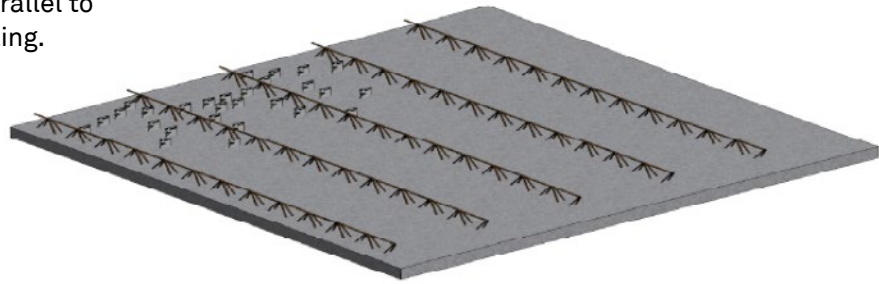
- Placing of the stirrup wings on the first or second upper reinforcement layer possible.
- Easy stockage, only L – Plates (no danger of confusion).
- Pre-assembled individual solutions ex works.
- Linear arrangement of the elements, not radial (easy and quick installation).
- Special unique software for installation
- Software supported design for precast and in-situ concrete applications.

CLIXS

PUNCHING SHEAR
REINFORCEMENT SYSTEM

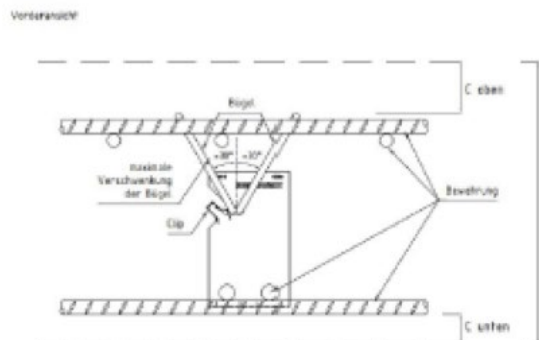
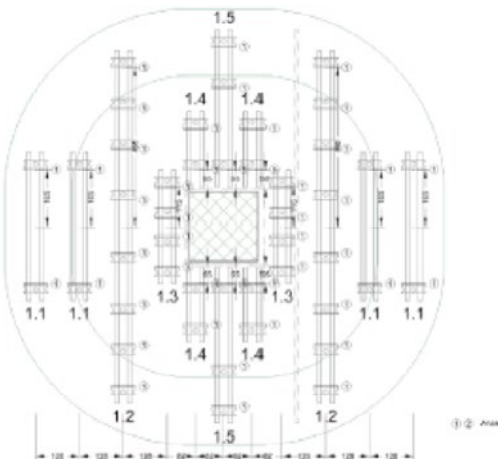
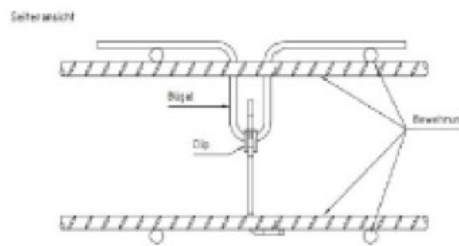


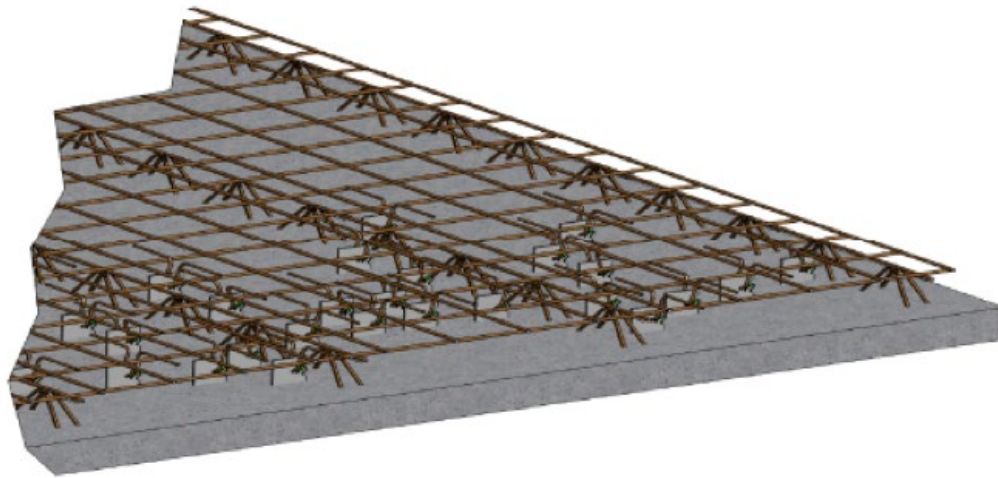
- Alignment of the CLIXS-Line-Elements parallel to the lattice girders for collision free operating.



- Easy and quick installation of one or two
- $\varnothing 6$ mm stirrups
- Overlying on upper reinforcement layer
- Inclination of stirrups up to 30° authorised
- Securing of stirrups by a clip

- No collision with or tilting of the anchor heads while pouring the concrete and fabricating the surface roughness to the prefabricated slab.





CLIXS – Example of Applications



Space-efficient transport without using spacers

