STUDIX® Headed Connectors

Effective & time-saving anchorage

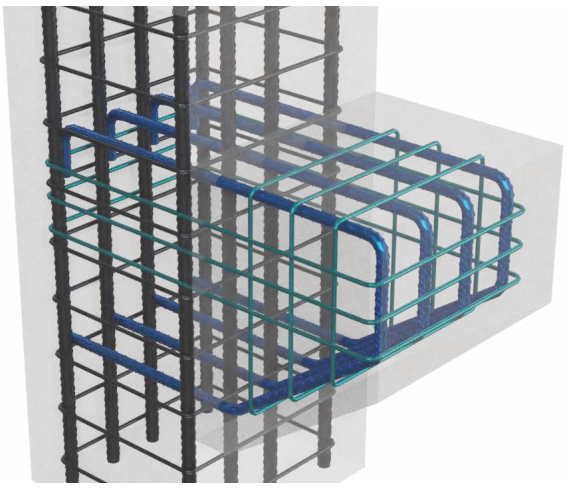
- Simplifies reinforcement layout in congested areas.
- ETA assessed Anchorage system (ETA 21/0463) and Coupler system (ETA-21/0804).
- Easy connections of precast and cast-in-situ concrete structures.
- Streamlines the precast column formwork by eliminating the need for corbel formwork.
- Efficient logistic of precast columns without corbels.

STUDIX® Headed Connectors are an approved reinforcement system designed primarily for use in reinforced concrete corbels. Featuring ETA assessed anchorage heads (ETA 21/0463) and a coupling system (ETA-21/0804), STUDIX® offers a simplified reinforcement layout in congested areas and more efficient installation compared to bent reinforcement.

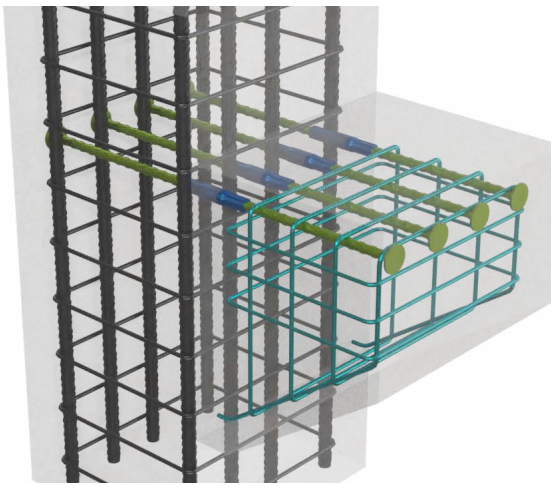
The STUDIX® system comprises three main rebar components named A, B, and D. Component A consists of a ribbed bar with an anchor head at one end and a female coupler at the other. Component D features female couplers on both ends of the ribbed bar. Similar to Component A, Component B also includes a ribbed bar with an anchor head at one end, but it features a male coupler at the opposite end. Components A and D are typically installed into precast elements as starter bars for Component B, which is assembled via screwing together the couplers prior to corbel casing.

STUDIX® presents a cost-effective solution, especially where precast column is connected with post-install cast-in-situ corbels. Whether the cast-in-situ corbel is attached to the precast column on-site or in a precast factory, this solution offers numerous benefits, including but not limited to simplified formwork for precast columns, eliminating the need for modified formwork due to the corbel part, and more efficient transportation. Straight columns without corbels require less space on trailers, contributing to an easier logistics.

Corbel with conventional reinforcement



Corbel with STUDIX® Headed connector



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