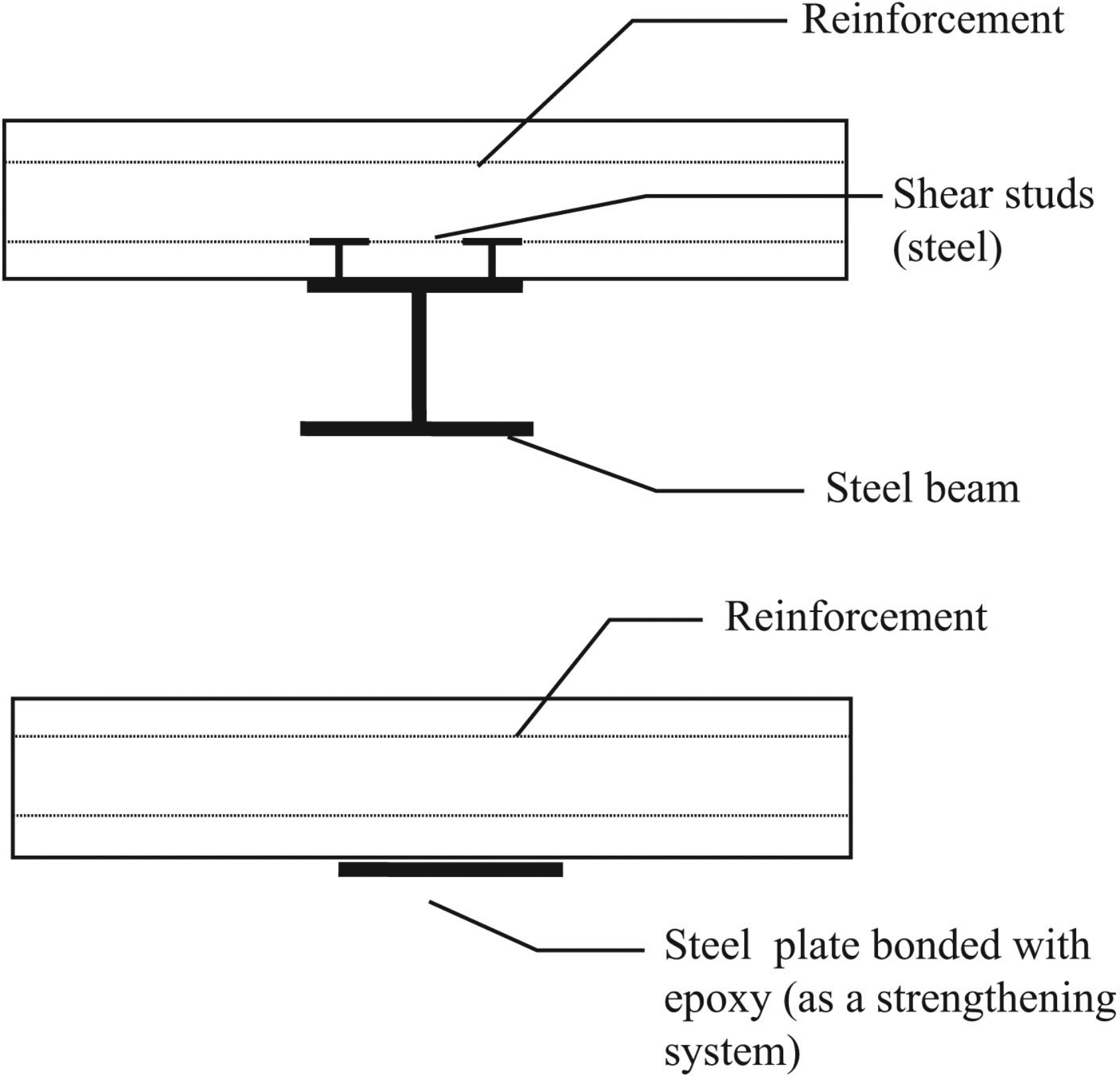
Reinforcement
Shear studs (steel)
Steel beam
Reinforcement
Steel plate bonded with epoxy (as a strengthening system)