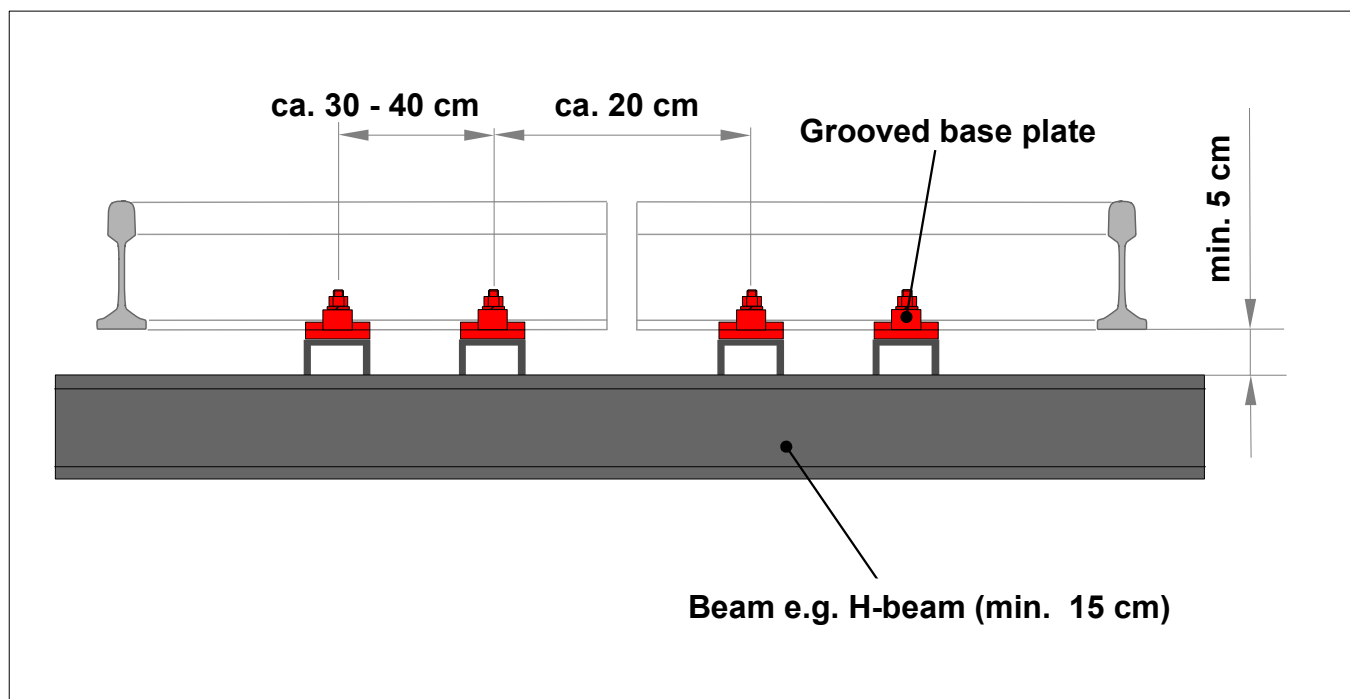


Rail Welding Jig

Scheme

Important Notes

- The fixation device is made of a beam (e.g. H-beam). Grooved base plates are located in a distance of minimum 5 cm to the top of the beam. This distance is necessary to create a space between the rail and the beam to install the copper base plate easily.
- The distance between the grooved base plates and the beam can be realized by short pieces of C-beams.
- Grooved base plates should be plain. They have to be well aligned before welding.
- The distance between the grooved base plates should be kept short. So also smaller rail pieces can be welded.
- All part have to be welded in good quality because high forces can occur during rail welding (→ shrinkage stresses!)



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