

## STRUCTURES

### SPANISH TRUSS (steel tubes)

The bars of this truss are made of steel tubes.

The junctions between the rafters and the rest of the tubes are realized through butt welding.

We have placed metallic caps, on the edges of the truss, to join the rafters and the strut over the supports.

The supports of the truss are solved with lateral welded strips, which transfer their weight over the supported beams – without anchorage plates –.

The purlins are joined to the rafters through welding.

This truss is calculated for a space of 4 meters and a clear span the double of this model.