

STRUCTURES

SPANISH WOODEN TRUSS (modern joints)

The bars of this truss are made of double squareness made of wood, except the kingpost and the strut. The kingpost and the strut are made of a single squareness made of wood.

The junction between the rafters and the kingpost are solved with metallic plates and bolts.

The joints between the rafters and the braces are solved with bolts and wooden internal pieces.

The braces are joined to the kingpost through bolts and wooden external pieces. These external pieces give continuity to the strut. This strut is made of two wooden pieces.

The joints between the rafters and the braces are solved through bolts.

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