

STRUCTURES

WOODEN GERMANY TRUSS (modern joints)

The bars of this truss are made of double squareness made of wood, except the kingpost. The kingpost is 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 joints between the rafters and the braces are solved bolts and wooden internal pieces too.

The cross among the braces is solved by this form: one piece of a brace passes along the other brace. On the edge of these braces have a wooden internal piece and all of them are fixed through bolts.

The joint between the kingpost and the braces is made of with a bolt and to ensure it, through plugs fixed to the kingpost through a bolt.

The purlins are fixed to the rafters through screwed metallic angles.