

## HO2+

### Skew Notch Joint

The HO2 application allows the design of compression-loaded timber connections as skew notch joints.

With simple notch joints, the user can select among notched front joints and notched heel joints. For double notch joints, he/she can select among the combinations front-front, heel-heel, or front-heel.

The software calculates automatically the minimum and maximum depths of cut and the required fo-rpart lengths. It also verifies the stress resistance in the connected member weakened through the skew notch. The depths of cut are adjustable within the permitted range. If the system dimensions do not comply with the conditions of the selected skew notch design,

the defined values must be adjusted accordingly.

If the effective length is specified by the user, the resistance of the compression member against stresses that apply at the member ends due to an eccentric load introduction are verified.

The pre-defined loading on the skew notch joint must be entered as design load cases and the associated load action periods LDC must be assigned.

#### Available standards

- EN 1995
- DIN EN 1995
- ÖNORM EN 1995
- UNI EN 1995
- NTC EN 1995
- BS EN 1995

