1. Buurman is a company that collects, re-furbishes, re-uses and sells used building materials

2. They are trying to increase their output of used timber to the business to business market, but are limited by the quality of the material

3. By developing a modular system of connection elements that enables easy connection between used timber, Buurman is able to overcome the limitations of this material

4. A set of 9 different connection elements was developed. On each connection element threaded holes can be found that are positioned according to a 15 by 15 mm grid.

5. Each of these connection elements can be manufactured by means of sheet metal forming. This makes them very cheap and easy to produce

6. By means of bolts, (used) wooden elements can be attached to the connection elements. This enables Buurman build products, with more ease on a bigger scale.