



These tapes are used for anchoring the timber in the low load range and as a structural connection.



**FEATURES**



**Material**

Steel quality:

- Stainless Steel 1.4401 bzw. 1.4404 (V4A) in accordance with EN10088 standards.
- Class III corrosion resistance

**Benefits**

- BAN tapes are available in a thickness of 1.0 mm and 1.5 mm in various lengths.
- Also available in stainless steel execution.



**APPLICATIONS**

**Header member**

Wood, wood materials

**Application area**

- Typical applications include light ceilings and sliding doors.

TECHNICAL DATA

**Product Dimensions & Performance Values (UK)**

References	Dimensions			Holes	Maximum Characteristic Values Tolerated $R_{1,st}$ [kN]
	A [mm]	B [mm]	t [mm]		
BAN102010S	20	10	1	Ø5	4

The maximum characteristic value tolerated under tensile load corresponds to the plate's maximum tensile strength. The fasteners must be checked separately using EN 1995-1-1. The characteristic resistance of an BAN fixing band assembly under tensile load  $R_{1,k}$  is:  $R_{1,k} = \min (R_{1,st}; R_{upper}; R_{lower} )$

Where:  
 $R_{1,st}$ : the maximum characteristic value tolerated under tensile load as specified in the table above.  $R_{upper}$ : the resistance of the group of fasteners in the upper wall  $R_{lower}$ : the resistance of the group of fasteners in the lower wall  $R_{upper} = n_{ef,upper} \times R_{lat,k}$   $R_{lower} = n_{ef,lower} \times R_{lat,k}$

Where:  
 $n_{ef,upper}$ : the effective number of fasteners in the upper wall  $n_{ef,lower}$ : the effective number of fasteners in the lower wall  $R_{lat,k}$ : the strength of the chosen fastener

Example: BAN094025 joining two CLT walls with an intermediate floor. The aim is to determine the fixing band's load-bearing capacity when subjected to tensile forces. The nailing pattern shown below is used. The following table provides the characteristic strength values.

## INSTALLATION

### Fixing

- A combination of perforated strips of wood takes place nails or screws CNA3,1x40 CSA4,0x30.