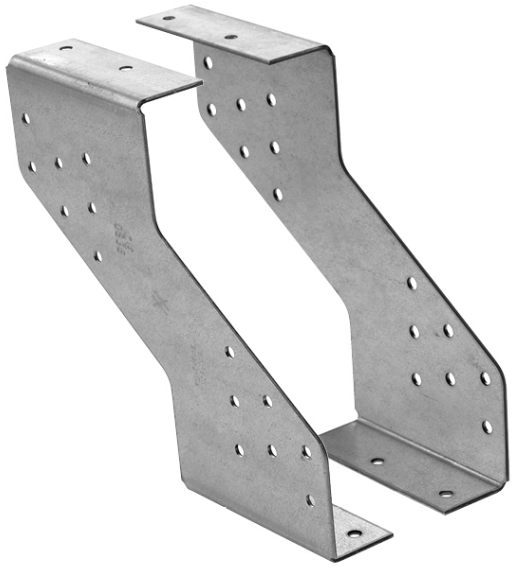
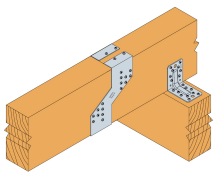
Technical Sheet

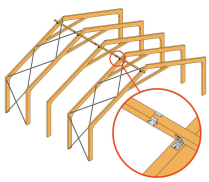
GERB

Gerber connector GERB

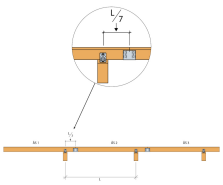
Gerber joints are available for the most common timber dimensions. The set of couplings consists of a right and left end portions and can be used for purlins from 80 mm width. The maximum height of the connector corresponding to the cutting diameter of the wood in standard sizes. Depending on the load, the connection can be performed through a partial or full nailing.











Gerber assembly

Features

Material

Steel quality:

S 250 GD + Z 275 according to DIN EN

Corrosion protection:

275 g / m galvanized on both sides 20mm

Benefits

- **Transferring load in all three directions for full nailing**
- **Improved capacity in two directions partial nailing**
- **Individual dimensions suitable for multiple timber sizes - space-saving storage**

Applications

Applicatons

Wood, wood suitable materials

Scope

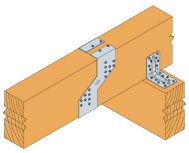
- **Connection Runs wood cross section height 90-420 mm**

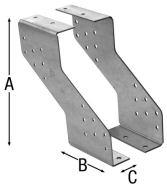
Technical Sheet

GERB
Gerber connector GERB

Technical Data

Dimensions and drill holes

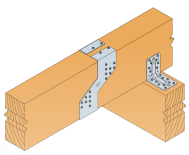




Reference	Connector Dimensions							
	Other				Product Dimensions[mm]			
	Tun / DB nr.	NOB nr.	Qty per Box	Weight[kg]	A[mm]	B[mm]	C[mm]	Thickness[mm]
GERB125	2681963	43899660	25.0	0.5	129	90	27	2
GERB150	2681740	43899675	25.0	0.59	154	90	29	2
GERB160	2681757	43899705	25.0	0.62	160	90	30	2
GERB180	2681773	43899743	25.0	0.68	180	90	33	2
GERB200	2681781	43899758	25.0	0.74	201	90	33	2
GERB220	2681799	43899777	25.0	0.8	220	90	34	2

* Hot dip galvanized with layer thickness 55µm

Capacities: Fullnailing



Capacities: Fullnailing
See full table online ➡️

Reference

Number o
Fasteners

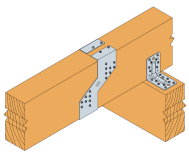
uct capacity - Timber C2
set of Gerber conn

$R_{3,k}$

Joist | Flange C | CNA4.0x35 | CNA4.0x40 | CNA4.0x50 | CNA4.0x60 | CNA4.0x35 | CNA4.0x40 | CNA4.0x50 | CNA4.0x60 | CNA4.0x35 | CNA4.0x40 | CN

Technical Sheet

GERB
Gerber connector GERB



Capacities: Partnailing

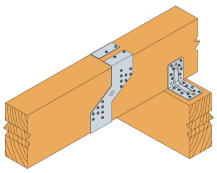
Reference	Cantilever capacity									
	Product capacity - Timber C24 - Partial nailing / 1 set of Gerber connectors[kN]									
	$R_{1,k}$				$R_{2,k}$				Number of Fasteners	
	CNA4.0x35	CNA4.0x40	CNA4.0x50	CNA4.0x60	CNA4.0x35	CNA4.0x40	CNA4.0x50	CNA4.0x60	Joist	Flange C
GERB125	13.3	14.5	16.1	16.7	3.8	4.1	5	5.3	16	-
GERB150	12.7	13.8	15.3	15.9	4	4.3	5.2	5.5	16	-
GERB160	12.8	13.9	15.4	16	4	4.3	5.2	5.5	16	-
GERB180	13.2	14.3	15.9	16.5	4	4.3	5.2	5.5	16	-
GERB200	12.8	13.9	15.4	16	4.3	4.7	5.7	6	16	-
GERB220	12.8	13.9	15.4	16	4.3	4.7	5.7	6	16	-

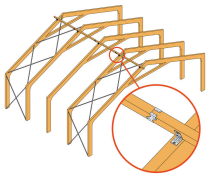
Design
For the superimposition of the action be proved:
\left(\frac{F_{1/2,d}} {R_{1/2,d}}\right)^2+\left(\frac{F_{3,d}} {R_{3,d}}\right)^2\le1

Installation

Fasteners

- **Use CNA4,0xℓ nails or screws CSA5,0xℓ.**





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