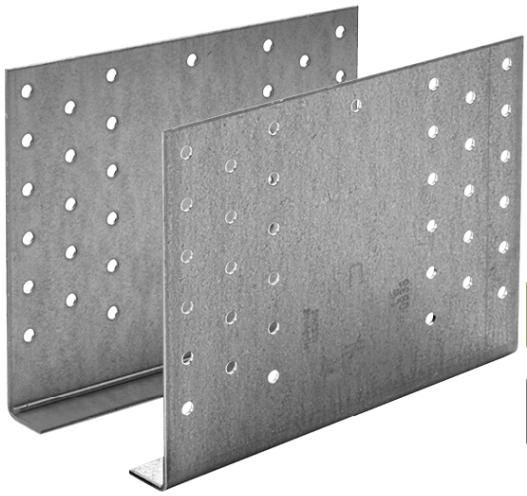
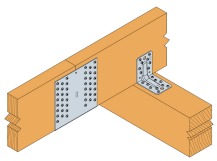
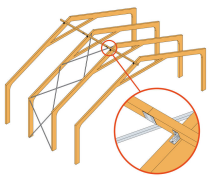
Technical Sheet

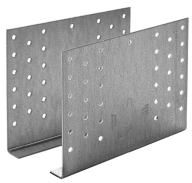
GERW
Gerber connector GERW

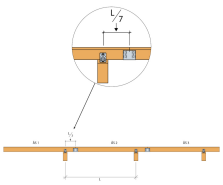
Connectors GERW are suitable for common gripping girders. Moreover, transverse forces in the vertical direction can absorb forces in the direction of the beam, and are therefore suitable for redirecting force. Depending on the load can be used both partial and full nailing.











Gerber assembly

Features

Material

Steel quality:

S 250 GD + Z 275 according to DIN EN

Corrosion protection:

Galvanizing layer thickness of about 55 microns in accordance with DIN EN 1461

Benefits

- **Transferring load in all three directions**
- **Improved capacity for full and partial nailing**
- **Individual dimensions, several wooden cross - saving on storage space**

Applications

Applicatons

Wood, suitable wood materials

Scope

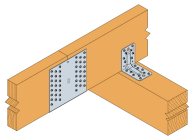
- **Connection Runs wood cross section height 90-420 mm**

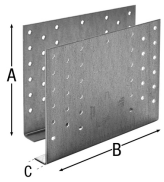
Technical Sheet

GERW
Gerber connector GERW

Technical Data

Dimensions and drill holes





Reference	Connector Dimensions								
	Other				Product Dimensions[mm]				Joist
	Tun / DB nr.	NOB nr.	Qty per Box	Weight[kg]	A[mm]	B[mm]	C[mm]	Thickness[mm]	Round Ø5
GERW90	2857001	21217377	25.0	0.49	90	140	20	2	10 x ø5
GERW140	2690782	21217302	20.0	0.92	140	180	20	2	34 x ø5
GERW180	2690808	21217328	15.0	1.2	180	180	20	2	46 x ø5
GERW200	2690816	21217336	15.0	1.3	200	180	20	2	52 x ø5
GERW220	2690824	21217344	15.0	1.3	220	180	20	2	58 x ø5
GERW240	8271249	21217351	15.0	1.5	240	180	20	2	64 x ø5
GERW260	8271256	21217369	10.0	1.6	260	180	20	2	70 x ø5

* Hot dip galvanized with layer thickness 55 µm

Capacities: Fullnailing

Reference	Cantilever capacity								
	Characteristic capacity [kN] 1 Gerber connector per connection with CNA4.0x50[kN]								
	Number of Fasteners	$R_{1,k} = R_{2,k}$				$R_{3,k}$			
	Joist	CNA4.0x35	CNA4.0x40	CNA4.0x50	CNA4.0x60	CNA4.0x35	CNA4.0x40	CNA4.0x50	CNA4.0x60
GERW90	20	4.5	4.9	6	6.4	4.1	4.5	5.9	7.4
GERW140	68	26.1	28.4	34.6	36.7	8.3	9	11.8	14.9
GERW180	92	42.5	46.2	56.4	59.8	10.9	11.9	15.7	19.8
GERW200	104	51.8	56.3	68.6	72.7	12.3	13.4	17.6	22.2
GERW220	116	61.5	66.8	81.5	86.4	13.7	14.9	19.6	24.7
GERW240	128	71.5	77.7	94.8	100.5	15.1	16.4	21.6	27.2
GERW260	140	81.7	88.8	108.3	114.8	16.5	17.9	23.5	29.6

Capacities: Partnailing

Reference	Cantilever capacity								
	Product capacity - Timber C24 - Partial nailing / 1 set of Gerber connectors[kN]								
							R4,k		
	CNA4.0x35	CNA4.0x40	CNA4.0x50	CNA4.0x60	CNA4.0x35	CNA4.0x40	CNA4.0x50	CNA4.0x60	
GERW90	8.2	9.1	11.8	12.8	8.2	9.1	-	-	
GERW140	45	49.9	64.8	70.3	45	49.9	64.8	70.3	
GERW180	82.9	92	119.5	129.6	82.9	92	119.5	129.6	
GERW200	101.6	112.7	146.4	158.8	101.6	112.7	146.4	158.8	
GERW220	120.3	133.4	173.3	188	120.3	133.4	173.3	188	
GERW240	139.1	154.2	200.3	217.3	139.1	154.2	200.3	217.3	
GERW260	157.8	175	227.3	246.5	157.8	175	227.3	246.5	

Design
For the superim
- without a
- with axial

Capacities: Partnailing
See full table online ➡️

Technical Sheet

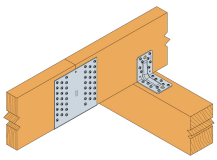
GERW

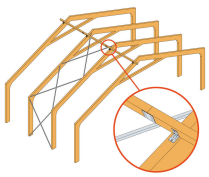
Gerber connector GERW

Installation

Fasteners

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





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