



is an alternative to the coupling piece GERB. Static load at the same height of both models are identical. Installation Runs through Gerber connectors require about 20% less compared with the assembly using wood purlins. Installing a one-piece connector saves time. Preparatory mounting workshop is possible.



[ETA-07/0053](#)

## FEATURES



### Material

Steel quality:

S 250 GD + Z 275 according to DIN EN 10346

Corrosion protection:

275 g / m galvanized on both sides 20mm

- Gerber couplings can also be in stainless steel.

### Benefits

- one-piece alternative to GERB
- possible preparation for the workshop

## APPLICATIONS

### Applicatons

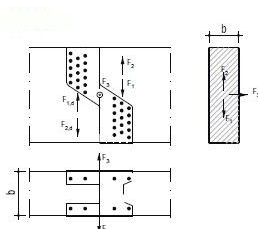
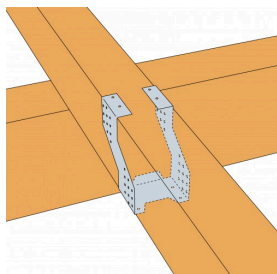
Wood, wood materials

### Scope

- Gerber connectors are used to connect beams Economics
- Install and use should be communicated structural engineer
- For big pitches

TECHNICAL DATA

Dimensions and drill holes



References	Dimensions and drill holes [mm]			Holes #5mm Number
	A	B	C	
GERG120/180-B	182	90	122	52
GERG120/200-B	202	90	122	56
GERG140/200-B	202	90	142	56
GERG120/220-B	222	90	122	60
GERG140/220-B	222	90	142	60
GERG160/220-B	222	90	162	60
GERG120/240-B	242	90	122	60
GERG140/240-B	242	90	142	60
GERG160/240-B	242	90	162	60
GERG120/260-B	262	90	122	72
GERG140/260-B	262	90	142	72
GERG160/260-B	262	90	162	72

Capacities

References	Characteristic capacity [kN] 1 Gerber connector per connection with CNA4.0x50		
	R <sub>1,k</sub>	R <sub>2,k</sub>	R <sub>3,k</sub>
GERG120/180-B	22.32	9.11	5.88
GERG120/200-B	25.11	10.32	5.88
GERG140/200-B	25.11	10.32	5.88
GERG120/220-B	31.43	13.76	5.88
GERG140/220-B	31.43	13.76	5.88
GERG160/220-B	31.43	13.76	5.88
GERG120/240-B	34.5	15.25	5.88
GERG140/240-B	34.5	15.25	5.88
GERG160/240-B	34.5	15.25	5.88
GERG120/260-B	41.48	19.25	5.88
GERG140/260-B	41.48	19.25	5.88
GERG160/260-B	41.48	19.25	5.88

For different nail lengths, the values can be converted according to the following table:

Conversion factor for other nail lengths		
	4,0x40	4,0x60
R <sub>1,d</sub>	0,75	1,06
R <sub>2,d</sub>	0,75	1,06
R <sub>3,d</sub>	0,75	1,26

## INSTALLATION

### Fasteners

- Use CNA4,0xł nails or screws CSA5,0xł.