

## Planning and installation aids for ceiling, roof and wall elements


### General information:

All best wood Glulam-, CLT- and CLT Box elements may only be installed under dry conditions

The elements must be protected from weather conditions (direct exposure to moisture, e.g. rain and excessive humidity during all construction phases, e.g. screed) from transport to installation.

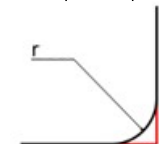
The correct execution and anchoring of the static ceiling slab must be determined by the customer's structural engineer.

### Timber framing:

 Purple marked areas are pre-cut, the corners are cut free with a chainsaw.

The crossbars must be cut through on site using a hand-held circular saw.

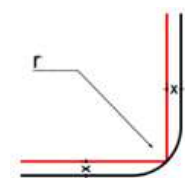
For square openings, curves with a radius of 30mm or CLT-XL 40mm remain as standard.



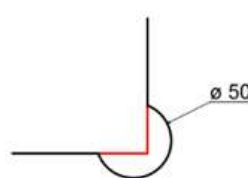
**Standard**

On request, the corners can be milled, a hole can be drilled in the corner or they can be reworked with a pointed milling cutter:

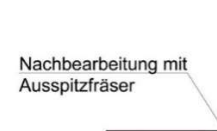
This must be specified when ordering.



**Variante A**



**Variante B**



**Variante C  
(only for CLT-XL)**

### Lifting systems:

The user of the lifting system must observe the operating instructions of the lifting system manufacturer and the industrial safety regulations or safety regulations applicable in the respective country. best wood SCHNEIDER GmbH cannot guarantee from a production technology perspective that the lifting system borehole ex works complies with the operating instructions of the lifting system manufacturer and cannot accept any liability for this.

Before attaching the load, the borehole and other conditions must be checked in accordance with the operating instructions for the lifting systems.

If the operating instructions and safety regulations are not complied with, the borehole must not be used. The load must not be transported over areas where people could be hit by falling loads.

All lifting systems are calculated with a 4 m suspension under 45°.

 Sihga Pick – drilling







 Würth – drilling

 Pitzl – drilling

### **Installation instructions:**

Assembly sequence in ascending order of position number.

### **Surface qualities best wood Schneider:**

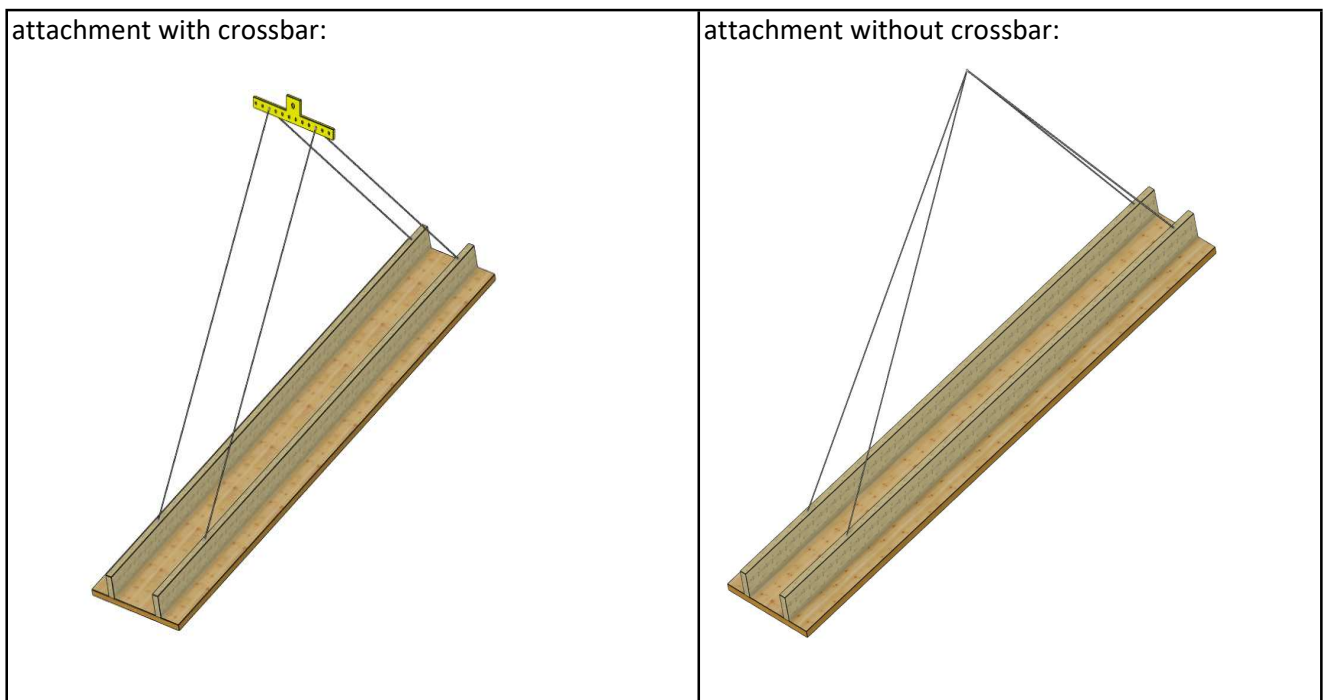
-  local spruce industrial
-  local spruce industrial visual
-  local spruce visual
-  local spruce knot-free / rift
-  scandinavian spruce visual
-  silver fir knot-free / rift

# CLT BOX - Roof



	with crossbar			without crossbar		
	80	100	120	80	100	120
rib width						
lifting equipment						
Würth ASSY Ø 12mm	possible	possible	possible	not possible	not possible	possible
Pitzl Power Clamp III D40/90	not possible	possible	possible	not possible	possible	possible
Pitzl Power Clamp II D40/90	not possible	possible	possible	not possible	possible	possible
Pitzl Power Clamp II D25/70	possible	possible	possible	possible	possible	possible
Rothoblaas Raptor	not possible	not possible	possible	not possible	not possible	possible
Rothoblaas WASP/WASP Ø 11mm	possible	possible	possible	not possible	not possible	possible
Rothoblaas WASPL + VGS Ø 13mm	possible	possible	possible	not possible	not possible	not possible
Rapid T-Lift Ø 12mm	possible	possible	possible	not possible	not possible	not possible
SIHGA Pick	not possible	possible	possible	not possible	possible	possible
SIHGA Pick MAX	not possible	not possible	not possible	not possible	not possible	not possible
Rampa lifting equipment Typ X 25x50mm	not possible	not possible	not possible	not possible	not possible	not possible
Rampa lifting equipment Typ X 33x73mm	not possible	not possible	not possible	not possible	not possible	not possible
Rampa lifting equipment Typ X 36x73mm	not possible	not possible	not possible	not possible	not possible	not possible

possible  
 not possible

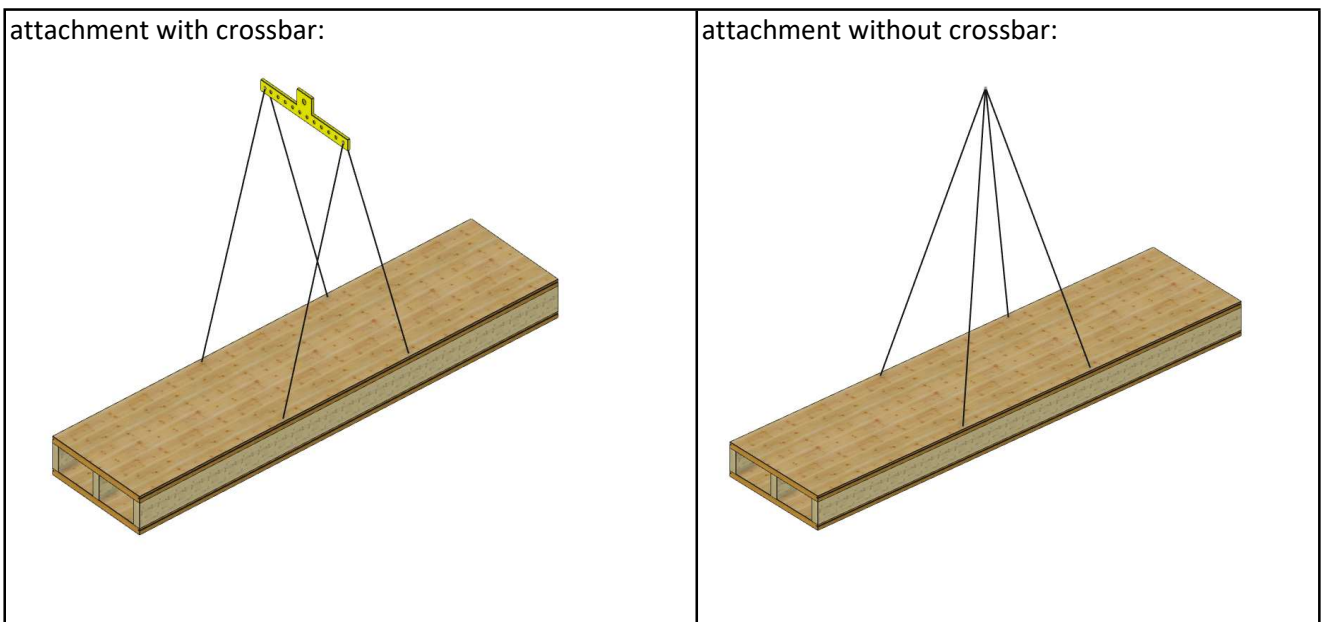


# CLT BOX - Ceiling closed (only 4-strand attached)



	with crossbar			without crossbar		
	80	100	120	80	100	120
rib width						
lifting equipment						
Würth ASSY Ø 12mm						
Pitzl Power Clamp III D40/90						
Pitzl Power Clamp II D40/90						
Pitzl Power Clamp II D25/70						
Rothoblaas Raptor						
Rothoblaas WASP/WASP Ø 11mm						
Rothoblaas WASPL + VGS Ø 13mm						
Rapid T-Lift Ø 12mm						
SIHGA Pick						
SIHGA Pick MAX						
Rampa lifting equipment Typ X 25x50mm						
Rampa lifting equipment Typ X 33x73mm						
Rampa lifting equipment Typ X 36x73mm						

possible  
 not possible



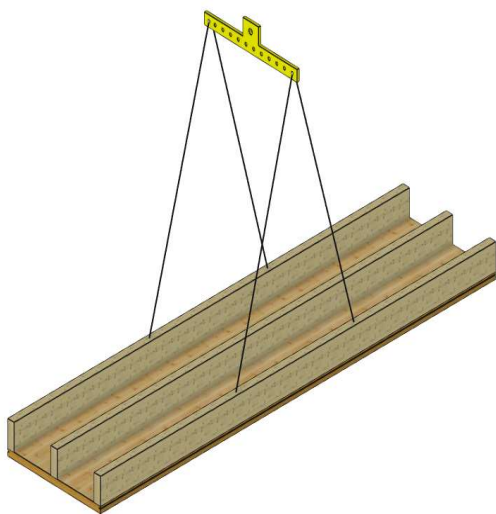
# CLT BOX - Ceiling open at the top (only 4-strand attached)



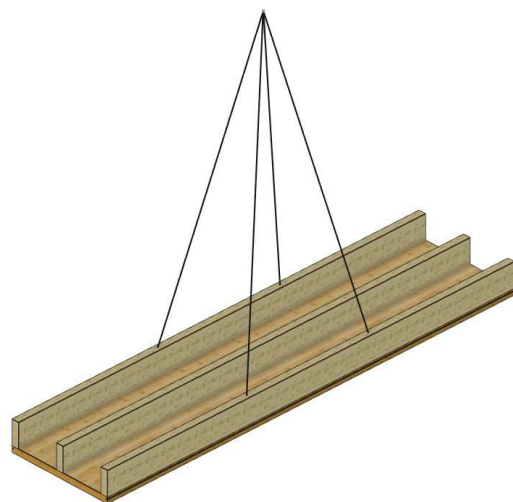
	with crossbar			without crossbar		
	80	100	120	80	100	120
rib width						
lifting equipment						
Würth ASSY Ø 12mm	possible	possible	possible	not possible	not possible	possible
Pitzl Power Clamp III D40/90	not possible	possible	possible	not possible	possible	possible
Pitzl Power Clamp II D40/90	not possible	possible	possible	not possible	possible	possible
Pitzl Power Clamp II D25/70	possible	possible	possible	possible	possible	possible
Rothoblaas Raptor	not possible	not possible	possible	not possible	not possible	possible
Rothoblaas WASP/WASP Ø 11mm	possible	possible	possible	not possible	not possible	possible
Rothoblaas WASPL + VGS Ø 13mm	possible	possible	possible	not possible	not possible	not possible
Rapid T-Lift Ø 12mm	possible	possible	possible	not possible	not possible	not possible
SIHGA Pick	not possible	possible	possible	not possible	possible	possible
SIHGA Pick MAX	not possible	not possible	not possible	not possible	not possible	not possible
Rampa lifting equipment Typ X 25x50mm	not possible	not possible	not possible	not possible	not possible	not possible
Rampa lifting equipment Typ X 33x73mm	not possible	not possible	not possible	not possible	not possible	not possible
Rampa lifting equipment Typ X 36x73mm	not possible	not possible	not possible	not possible	not possible	not possible

possible  
 not possible

attachment with crossbar:



attachment without crossbar:



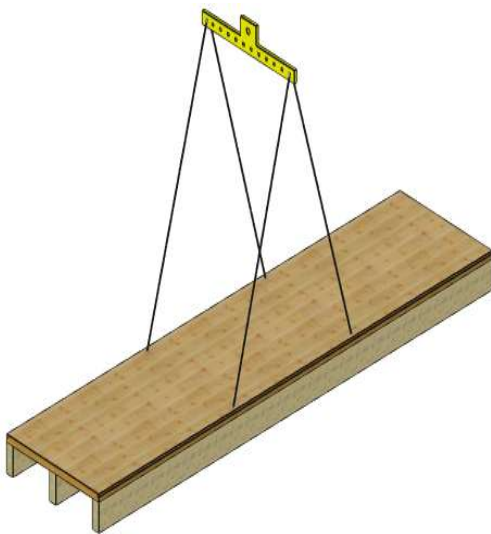
# CLT BOX - Ceiling open at the bottom (only 4-strand attached)



	with crossbar			without crossbar		
	80	100	120	80	100	120
rib width						
lifting equipment						
Würth ASSY Ø 12mm	possible	possible	possible	not possible	not possible	possible
Pitzl Power Clamp III D40/90	possible	possible	possible	possible	possible	possible
Pitzl Power Clamp II D40/90	possible	possible	possible	possible	possible	possible
Pitzl Power Clamp II D25/70	possible	possible	possible	possible	possible	possible
Rothoblaas Raptor	not possible	not possible	possible	not possible	not possible	possible
Rothoblaas WASP/WASP Ø 11mm	possible	possible	possible	not possible	not possible	possible
Rothoblaas WASPL + VGS Ø 13mm	possible	possible	possible	not possible	not possible	not possible
Rapid T-Lift Ø 12mm	possible	possible	possible	not possible	not possible	not possible
SIHGA Pick	possible	possible	possible	possible	possible	possible
SIHGA Pick MAX	not possible	not possible	not possible	not possible	not possible	not possible
Rampa lifting equipment Typ X 25x50mm	possible	possible	possible	possible	possible	possible
Rampa lifting equipment Typ X 33x73mm	not possible	not possible	not possible	not possible	not possible	not possible
Rampa lifting equipment Typ X 36x73mm	not possible	not possible	not possible	not possible	not possible	not possible

possible  
 not possible

attachment with crossbar:



attachment without crossbar:

