



## handy hints on how to **HANG YOUR CHAIR**

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Each situation and environment will determine how you will hang your chair.

We have tried to give you the attachments for most common situations.

Please remember to check for water pipes / electrical wires in wall or roof.

Also make sure, what you are hanging your chair from, has structural integrity - check that the branch or beam is strong enough and check the quality of the concrete. Use a chemical anchor in block and beam concrete and if needed.

### **South Africa - home base / manufacturing:**

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# Attaching a Studio Stirling chair into a concrete roof

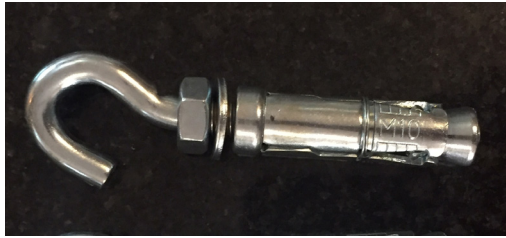
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Have your concrete ceiling inspected by a qualified person to advise on structural stability and integrity.

## Concrete roof

*Use expanding bolt  
(Rawlbolt)*

Drill 16mm hole in concrete roof, insert M10 expanding bolt, turn nut to fasten. Then attach spring and karabiner with rope.



Concrete roof:  
Use a **chemical anchor** when the concrete of the ceiling is block and beam (cinder blocks) or if the concrete is not a hundred percent stable. Get a qualified technician or engineer to assist or to advise.



Thread the rope through the spring



A swivel can be added - either at the top or bottom of the spring - which will facilitate your chair being turned a 180 degrees and able to face any direction

Example of SLING chair hanging mechanisms - in a concrete roof.

# Attaching your chair into structure with a ceiling

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A Rawlbolt can be inserted into the concrete behind the ceiling. Rope and spring can be attached/hooked onto it.

If there are exposed beam/s behind the ceiling that are weight bearing a rope can be thrown over the beam and tied.

If the beam is not exposed a hole can be drilled through it and the rope threaded through (see further on / below)

A protective covering must be used where hole in ceiling was cut - a downlighter cover (without the electrical sections) can be used.



We can also send a ceiling protector with, if advised to do so - this is uncoated and can be painted to match the ceiling colour



# Attaching your chair onto a beam or tree branch

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## Wooden beam with no access at the top

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Drill hole with wood drill piece and insert rope through beam.  
Attach spring and / or karabiner and then rope that is attached to the chair.  
Use swivel if needed to face chair in any direction (not shown)  
(No Eyebolt needed)

A swivel can be added at the bottom of the spring - which will facilitate your chair being turned 180 degrees and able to face any direction



## Wooden beam or branch with access at the top

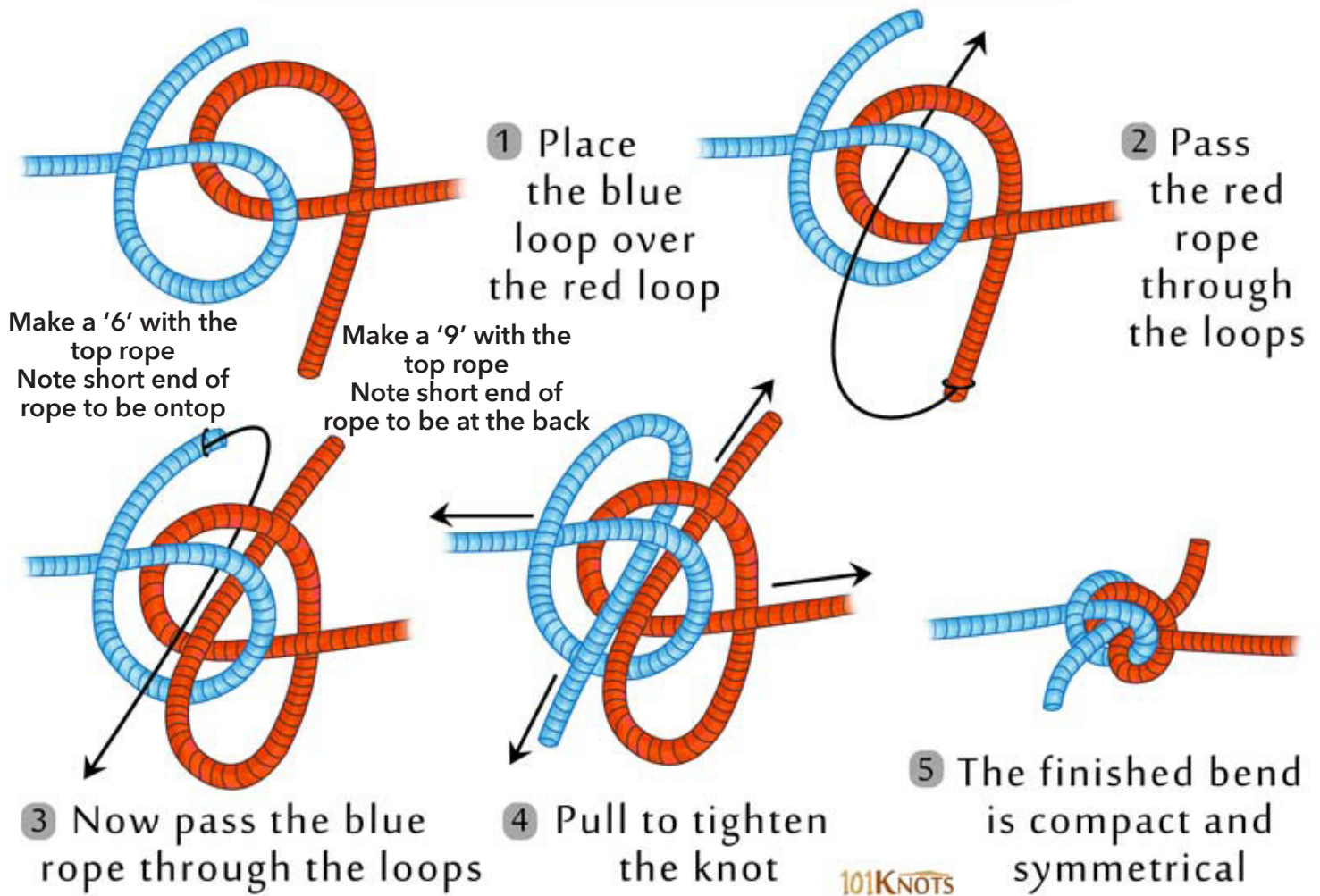
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Easiest - just put rope over the beam or branch! :)

Use our recommended Zeppelin knot that won't slip (see directions)

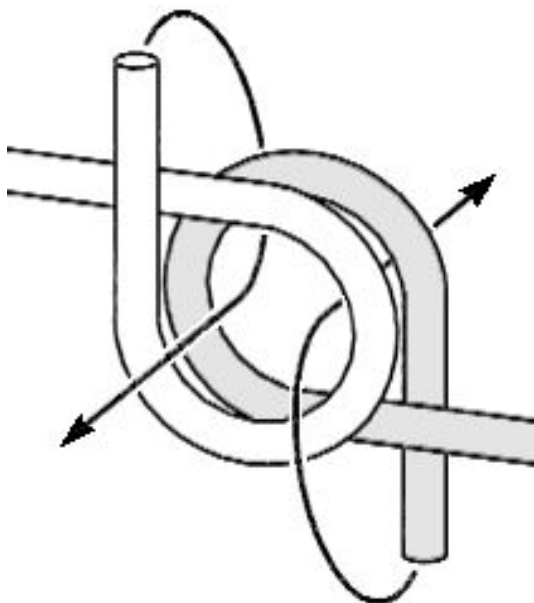
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# Zeppelin Bend Tying Steps



This drawing really sums it up nicely.

One end of the rope forms a 6 - with the end piece of the rope to the front.  
The other piece of the rope forms a 9 with the end piece of the rope to the back.  
Follow the arrows in how to push the ends of the rope through. Pull tight.



Watch: <https://www.youtube.com/watch?v=h3cDYhN5vk4>  
for a video instruction on tying a Zepelin Bend knot

