

# Create your simulator

# Double Elastic string or Gomu-tsuru

3 September 2021

Pascal COLMAIRE



## **Necessary items**



Tools

Ciseaux ou cutter
Lighter or matches

+ Yumi

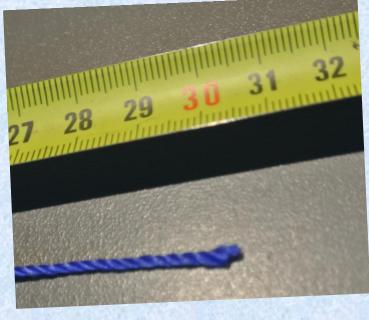


## Material cutting

#### 1.8 m of not / little elastic string







50 cm: high section *Could be thinner*  1 m: central section Ø max = 3 mm *to possibly nock an arrow*  30 cm: low portion *Could be thinner* 



#### **Material cutting**

90 cm of elastic



#### 50 cm high section



40 cm low section

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# A little finishing









## Assembly start

*Different orders possible, here:* Central cord (1m / Ø max = 3mm) with upper elastic section (50cm)





#### **Assembly continuation**

Central cord (1m / Ø max = 3mm) with lower elastic section (40cm)

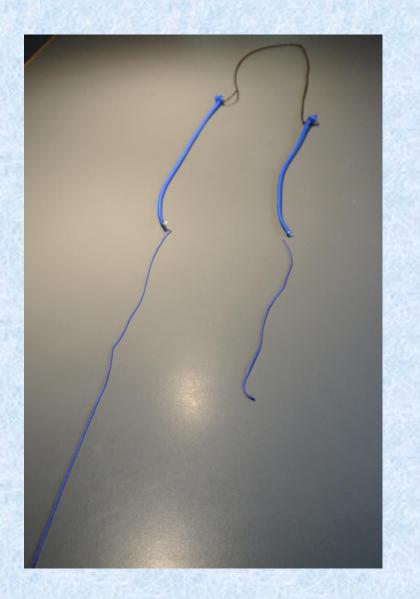




## Central section built



Still to add the upper and lower sections





### **Assembly continuation**

#### High elastic section (50cm) with high string section (50 cm)





## **Assembly continuation**

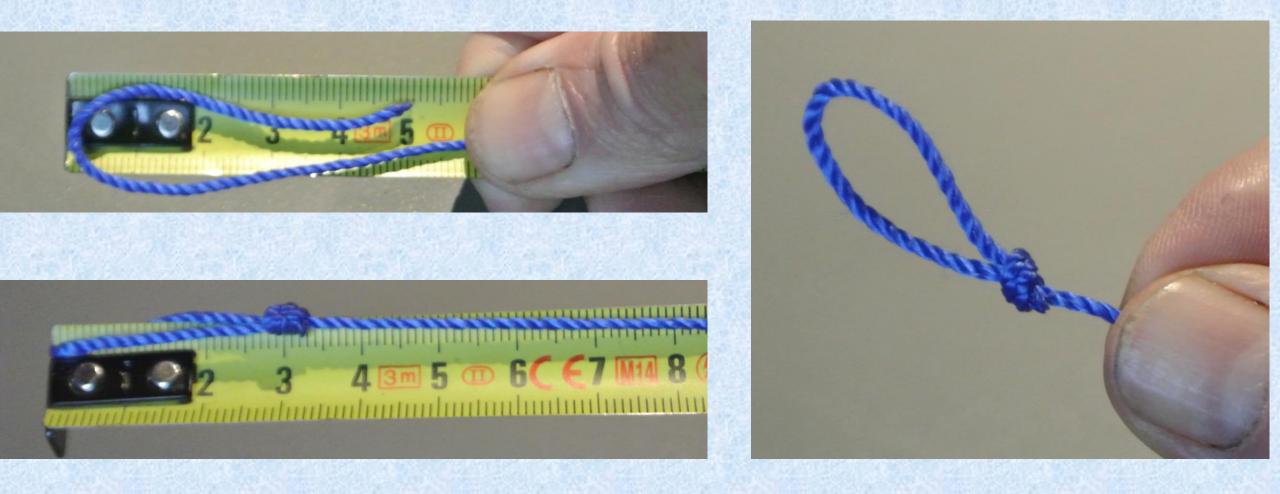
#### Low elastic section (40cm) with bottom string (30 cm)





# Low finish

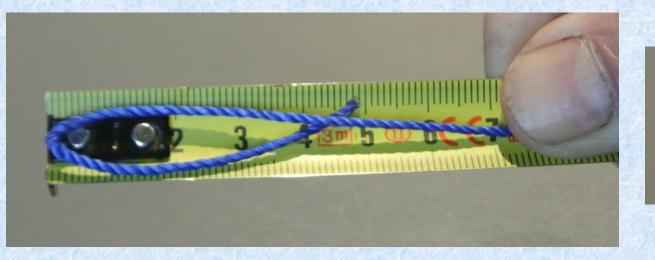
#### Allow about 10 cm of (thin) string for the loop that will go on Motohazu

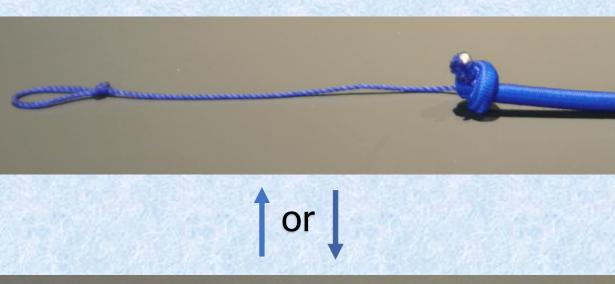




## Top finish for Urahazu

Can be identical to the bottom (a single loop) or make two (or 3) for: either to suit different bow lenghts, or to vary the Gomu-tsuru tension a little











## Low setting





# **Top setting**



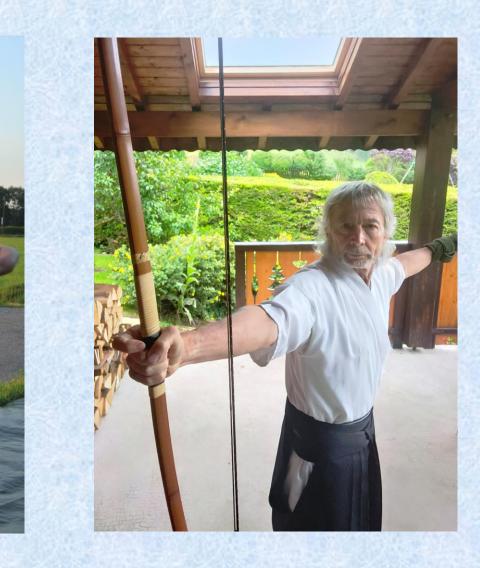
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# Ready to use

Dry fire



#### Ready to use

And even with arrow, which will not go far and will hardly sink





## **Educational uses**

When a reduction in effort is desired

Learning stage between Gomu-yumi and (weak) bow, because you are handling a (usual) Yumi

Varied simulation compared to Gomu-yumi alone

When the risk of releasing empty is possible (and to be avoided!)

Facilitates the manipulations of the practitioner by the teacher

For various skills: Hikiwake, Shoulders, Kai (expansion), Hanare, ...

Increases the safety of the beginner and the equipment

. . .

#### Hope you find this teaching aid helpful!

Thank you for your suggestions for improvement, questions, comments ...

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