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Tethrd Phantom's Bridge Knot

👤 DelaWhere_Arrow · 🕒 Apr 13, 2020 · 📌 amsteel bridge dyneema phantom prusik rope safety tethrd



DelaWhere_Arrow

W

Well-Known Member

SH Member

Joined: Jul 16, 2019

Messages: 3,394

Location:

DE, residing in OH

Apr 13, 2020

🔗 #1

Hey y'all, been a while since I've posted but I was looking at the Phantom saddle and though it's quite cool, I noticed some things that rang my safety alarm: the Amsteel bridge is adjustable with a prusik of exactly the same diameter and material. Is there a climbing instructor, arborist, or anyone else who can explain why the conventional wisdom of the 1) the prusik being of a smaller diameter than the main line, and 2) never using a prusik on hollow-core rope, especially slippery-ass dyneema, have been subverted for this saddle? Am I overlooking a key piece of safety built into the saddle that the research hasn't led me to? This seems like a (few) deaths waiting to happen, especially if people keep trying to throw RM1s on their dyneema bridges to cut down even more weight or bulk or whatever. Help me, Arbor-Wan Kenobis...you're my only hope of understanding.

👍 HuntNorthEast



flinginairos

Well-Known Member

Vendor Rep

Joined: Sep 19, 2014

Messages: 3,939

Apr 13, 2020

🔗 #2

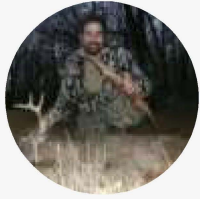
The bridge on the Phantom is spliced all the way back through itself so it's essentially not a hollow core rope anymore. The prussic is made from 3/16 spliced continuous loop and the main line of the bridge is 1/4" spliced back inside and is a little less than 1/2" final diameter. It was fully drop tested and the prussic slid less than 1/4" with a 300lb dummy falling 6'. It works very well!

Sent from my iPhone using Tapatalk

Ex. 1116
Crüzr v. Tethrd



AvgJoewithaBow, HuntNorthEast, kenn1320 and 11 others

**ricky racer**

Well-Known Member

Joined: Aug 8, 2016

Messages: 2,586

Location:

Niles/Buchanan, MI

Apr 13, 2020

#3

How many hours of actual field testing do you suppose this style bridge saw?

**flinginairos**

Well-Known Member

Vendor Rep

Joined: Sep 19, 2014

Messages: 3,939

Apr 13, 2020

#4

ricky racer said:

How many hours of actual field testing do you suppose this style bridge saw?

Probably over 1000 in the tree hours. I had nearly 300 hours on it myself

Sent from my iPhone using Tapatalk



AvgJoewithaBow, HuntNorthEast, scpokevin and 3 others

**DelaWhere_Arrow**

Well-Known Member

SH Member

Joined: Jul 16, 2019

Messages: 3,394

Location:

DE, residing in OH

Apr 13, 2020

#5

flinginairos said:

The bridge on the Phantom is spliced all the way back through itself so it's essentially not a hollow core rope anymore. The prussic is made from 3/16 spliced continuous loop and the main line of the bridge is 1/4" spliced back inside and is a little less than 1/2" final diameter. It was fully drop tested and the prussic slid less than 1/4" with a 300lb dummy falling 6'. It works very well!

Sent from my iPhone using Tapatalk

That's pretty slick!



Apr 13, 2020

#6

flinginairos said:

Probably over 1000 in the tree hours. I had nearly 300 hours on it myself

Ex. 1116
Crüzr v. Tethrd

DelaWhere_Arrow**w**

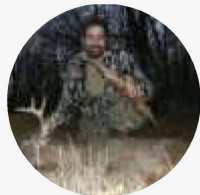
Well-Known Member

SH Member

Joined: Jul 16, 2019

Sent from my iPhone using Tapatalk

Man, if only I had 300+ tree hours to swing and sway.

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Well-Known Member

Joined: Aug 8, 2016

Messages: 2,586

Location:

Niles/Buchanan, MI

Apr 13, 2020

#7

flinginairos said:

Probably over 1000 in the tree hours. I had nearly 300 hours on it myself

Sent from my iPhone using Tapatalk

That's good to hear!!

DelaWhere_Arrow

**cspot**

Well-Known Member

Joined: Oct 6, 2019

Messages: 382

Apr 13, 2020

#8

I know mine bites pretty hard. Once it has been loaded, I have to work it a bit to get it to loosen back up if I want to move it. It stays very well.

scpokevin and DelaWhere_Arrow

**flinginairos**

Well-Known Member

Vendor Rep

Joined: Sep 19, 2014

Messages: 3,939

Apr 13, 2020

#9

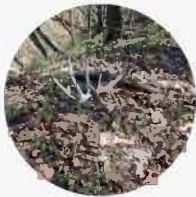
DelaWhere_Arrow said:

Man, if only I had 300+ tree hours to swing and sway.

Toward the end it got hard lol. I felt like I lived in a tree I'm too hard headed to quit lol

Sent from my iPhone using Tapatalk

HuntNorthEast and DelaWhere_Arrow

**Redoak47***

Well-Known Member

Joined: Sep 21, 2018

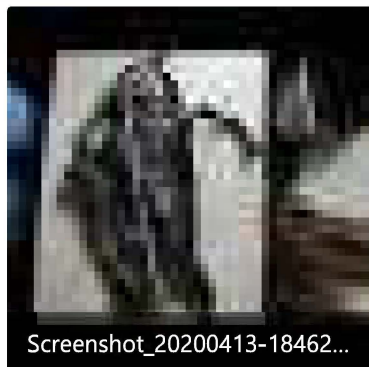
Messages: 381

Apr 13, 2020

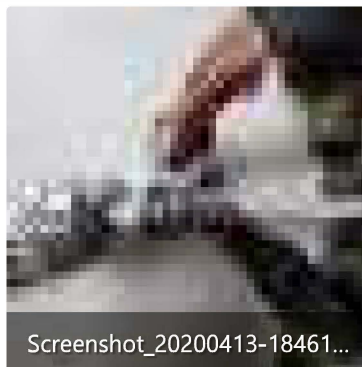
#10

I made one for my Aero Kestral .

Attachments



Screenshot_20200413-18462...



Screenshot_20200413-18461...

DelaWhere_Arrow

**Lynxjaw**

New Member

Joined: Aug 29, 2020

Messages: 2

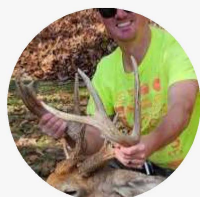
Sep 14, 2020

#11

cspot said: 🗨️

I know mine bites pretty hard. Once it has been loaded, I have to work it a bit to get it to loosen back up if I want to move it. It stays very well.

I just got my Phantom saddle and am new to saddle hunting. I've tried it out a bit and so far I cannot get the amsteel prusik to let go enough to adjust my bridge length. It will not break or budge at all under under full or partial load. I'm thinking about replacing it with a good 8mm accessory cord, or maybe the Sterling hollow block, or a rope man. Anyone have this problem or replace the amsteel prusik?

**Chrington**

Well-Known Member

SH Member

Joined: Oct 7, 2017

Messages: 2,453

Location: SE Michigan

Sep 14, 2020

#12

That bridge is not designed to be adjustable under load. You have to unload it to adjust.

scpokevin and Bowmanmike



Sep 14, 2020

#13

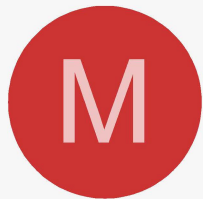
Thank you! That is helpful to know.

Lynxjaw

New Member

Joined: Aug 29, 2020

Messages: 2

**millerma271987**

New Member

Joined: Oct 14, 2020

Messages: 15

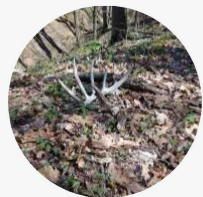
Nov 23, 2020

#14

Redoak47* said: 🗨️

I made one for my Aero Kestral .

I'm about to make mine, from what it looks like I will be making it exactly like yours. Quick question, do you make the continuous loop a part of the saddle by making the amsteel loop go through the bridge loops? I'm sorry if this is confusing but I'm not quite sure how to explain what my question is, hope it makes enough sense to respond. Thanks!

**Redoak47***

Well-Known Member

Joined: Sep 21, 2018

Messages: 381

Nov 23, 2020

#15

yeah, i made a continuous loop around the loop on saddle that your bridge connects to

millerma271987

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