
custom made minigrapple hook

Posted by SRT-Tech - 01/22/2007 05:33pm

made myself a custom mini three prong grapplehook, (NOT FOR LIFE SUPPORT!) for treework....to pull branches in closer, retrieve dropped gloves or handsaw, to pull the tail end of a rope in closer, to lower down to the ground to pick up the water canteen etc etc etc etc etc.

PICS LATER TONIGHT!!!!!!

basically all i did was go to Mountain Equipment COOP here in Vancouver, and buy one of these:

Black Diamond TALON hook, made of forged steel, (used for rock climbing as a "piton" or cliff top crack piece)

http://images.mec.ca/media/Images/Products/Climbing/4000219s_v1_m56577569830485383.jpg

http://www.bdel.com/images/gear/520200_talon.jpg

I then added a eyebolt (3/8") and put on a few nuts first for weight, then a split washer, then the Talon, then a NYlock self locking nut on the very end. Add 4 mm static cord, and PRESTO, you have a mini grapple. The hook points face towards the eye of the eyebolt. weighs less than 1/2 a LB, easy to toss , retrieve, lower and it does'nt snag or wrap around limbs . Works incredibly well ! (again, i did NOT make this for life support, purely as a third hand tool)

cost me a whopping \$14 CDN to make.

PICS SOON!!!!!!

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Posted by SRT-Tech - 01/22/2007 11:19pm

as promised PICS!!!!!!

<http://i37.photobucket.com/albums/e52/Bushman5/grapplehook002.jpg>

<http://i37.photobucket.com/albums/e52/Bushman5/grapplehook003.jpg>

<http://i37.photobucket.com/albums/e52/Bushman5/grapplehook004.jpg>

<http://i37.photobucket.com/albums/e52/Bushman5/grapplehook001.jpg>

:)

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Posted by Leon - 01/23/2007 12:25am

That's a nicely made little tool there.

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Posted by SRT-Tech - 01/23/2007 04:13am

thanks! i'm pretty dang happy with it!

stay tuned for a second version, with a custom machined solid stainless steel shaft with a single SS Nylock retention nut and washer, and a drilled out top with a small SS 'D' shackle for rope attachment! ;)

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Posted by moss - 01/23/2007 08:23am

Nice work, heavier duty than I need for retrieving throwline and throwbags for traverses but very well designed. I could see using a smaller eyebolt to make a lighter version. The only tweak I can imagine is to file down some of the edges on the hooks so it doesn't chew on throwline and rope or you if it comes back at you fast. Or maybe just dip the sharp parts in some liquid rubber.

-moss

Posted by SRT-Tech - 01/23/2007 01:29pm

going to be rounding them off smooth, its pretty hard to do on those Talons though, a file just skips right off itgotta resort to a carbide wheel.

Posted by moss - 01/23/2007 03:52pm

Duh, after I posted I realized they're probably high carbon steel and resistant to filing down. Maybe just leave as is and try a coating of the liquid rubber goop.

-moss

Posted by SRT-Tech - 01/23/2007 07:52pm

mmmmm....GOOOOOP!

Posted by moss - 01/23/2007 08:47pm

Originally posted by SRT-Tech
mmmmm....GOOOOOP!

Kind of makes me hungry!

Re:custom made minigrapple hook

Posted by Hazman - 06/20/2008 07:32pm

Nice that looks awesome

Nice work i'm trying to make one now

Re:custom made minigrapple hook

Posted by michaeljspraggon - 06/21/2008 10:34am

...and here's one I made from a coathanger and some garden wire for a few pence. Note how I've twisted the arms to one side to make a kind of swastika on plan view. That helps the grapnel latch onto the line when it is swinging past it.

What do you think - any comments?

Michael

<http://www.treeclimbing.com/images/fbfiles/images/grapnel01.jpg>

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Re:custom made minigrapple hook

Posted by Tom Dunlap - 06/24/2008 09:52am

Adding the twist seems like it would snag the line easier. I'm going to see if I can tweak my New Tribe grapple into the same configuration.

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Re:custom made minigrapple hook

Posted by Tom Dunlap - 06/24/2008 09:55am

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Re:custom made minigrapple hook

Posted by Tom Dunlap - 06/24/2008 09:56am

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Re:custom made minigrapple hook

Posted by michaeljspraggon - 06/24/2008 01:05pm

It worked well out in my porch but I haven't tried it in the woods yet...

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Re:custom made minigrapple hook

Posted by michaeljspraggon - 09/06/2008 04:36pm

Tom, how did you get on with adapting your New Tribe grapnel?

Michael

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