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Mini Straight Razor Frame Back 8/8 Niolox and Titanium





Niolox piece with some ink.



I drawn on the steel and on the titanium.



Zinnnnnng, zinnnnng, after some band saw work.



Grinnnnnnnd, grinnnnnd, grindddddd. I shaped the blade and clean every part.



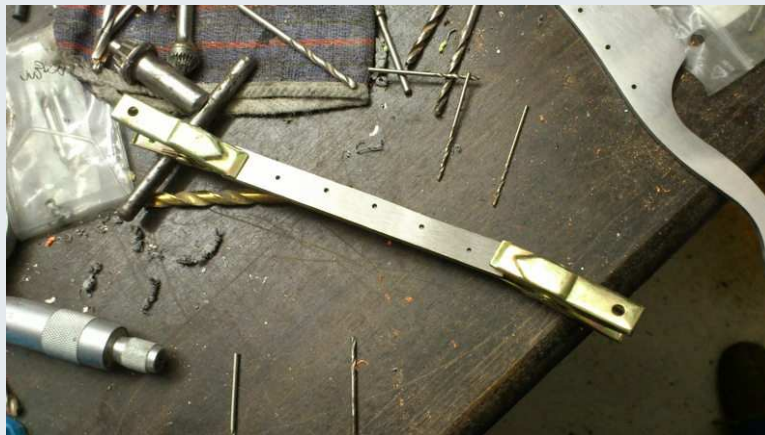
Same thing with 500 grit.



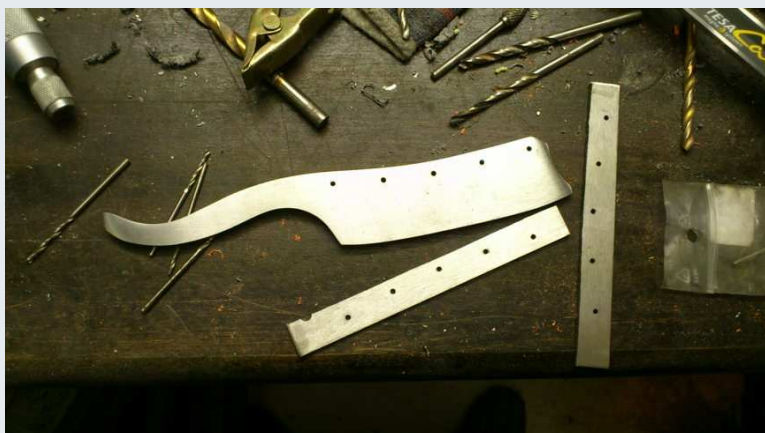
With the palmer i drawn the line for the screw hole. I drill to 1.7mm to tap to 2mm.



I used the hole to drill through in the back scale :D



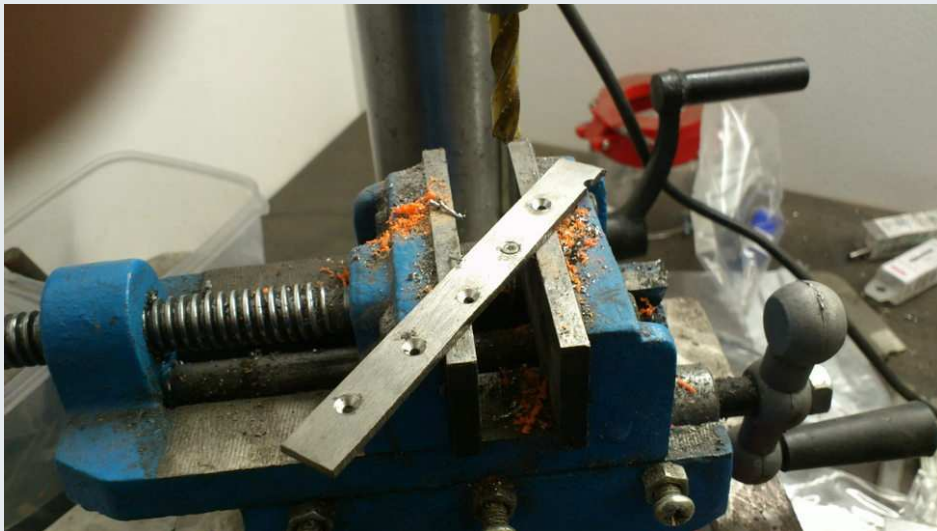
Same thing with the second scale.



Drilll, drilll , drilll, some small hole



Scrouinch, Scrouinch, Scrouinch, i tapered with M2 taps, and some cutting grease.



I drill the front scale to 1.9 mm and countersinked. I used simply a drill bit I sharpened to 90°



First building



I shaped the front.



With the palmer i draw the line to recut the scale.



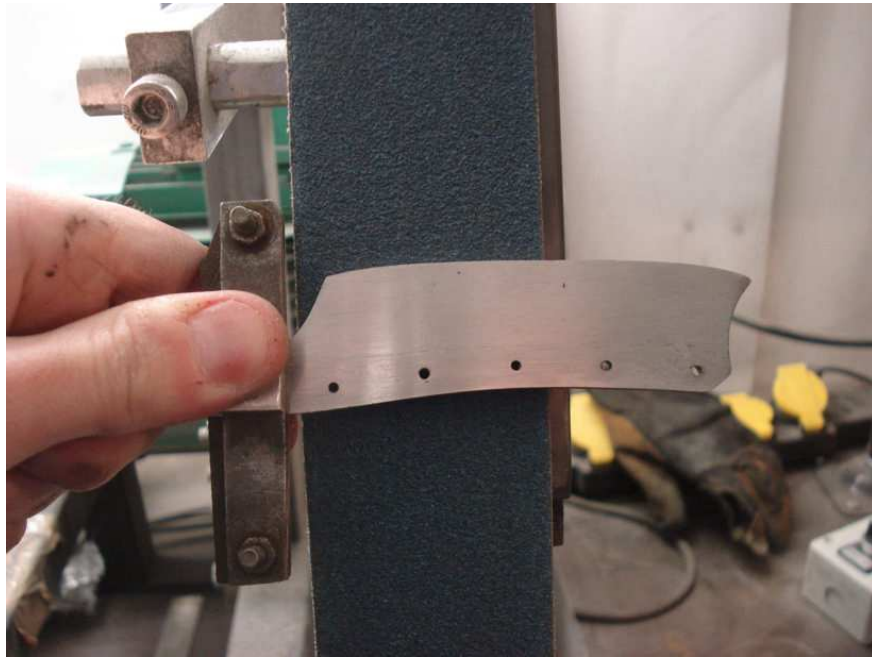
It's almost done, i will recut when the grind will be done..



second face.



With the aluminium template. It's OK



Grind, grind to grit 60



After grit 60



regrind regrind regrind , 120, 240



grind grind grind 500, (0,3mm thick)



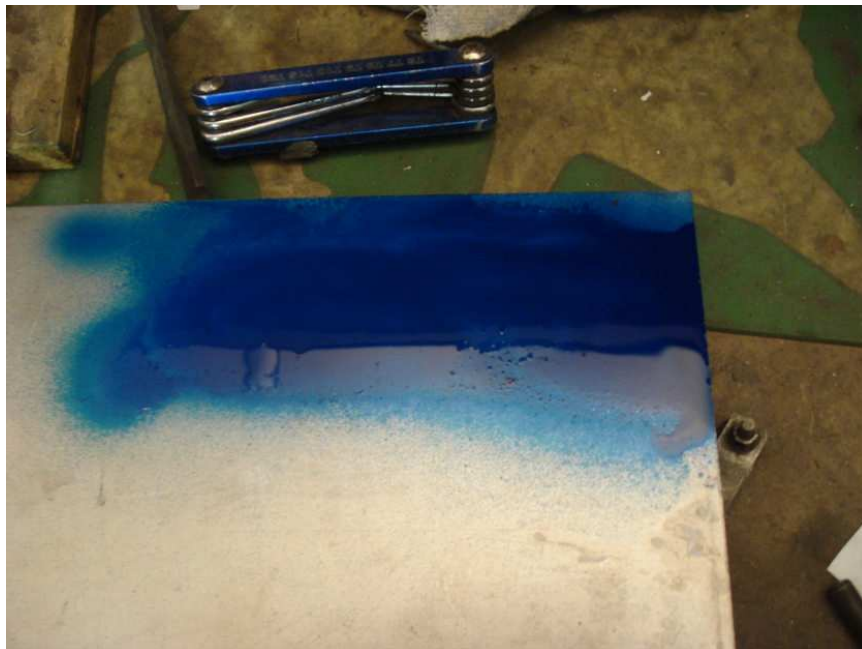
I build the various pieces



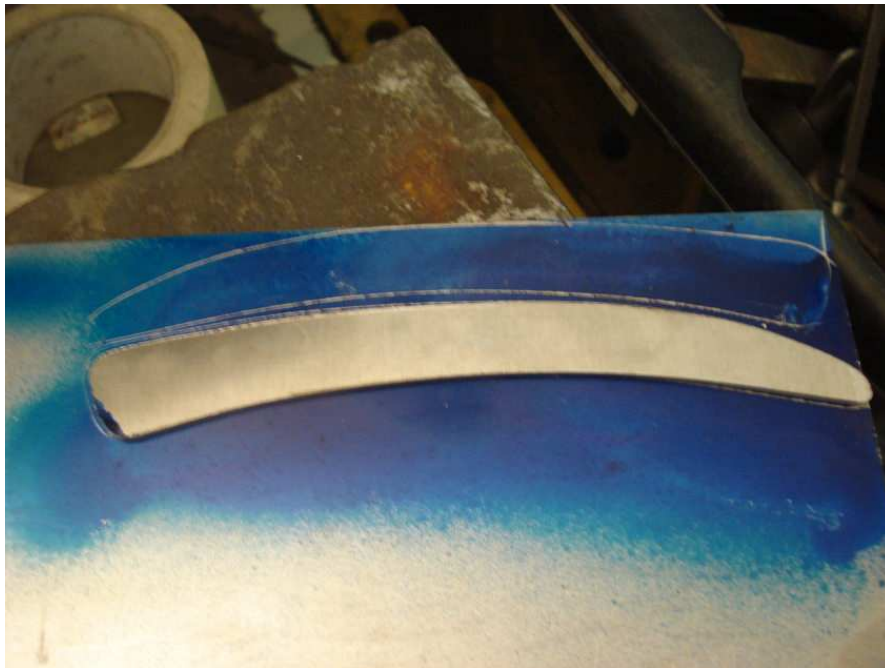
Drill drill drill to 3.8mm



reamed to 4mm



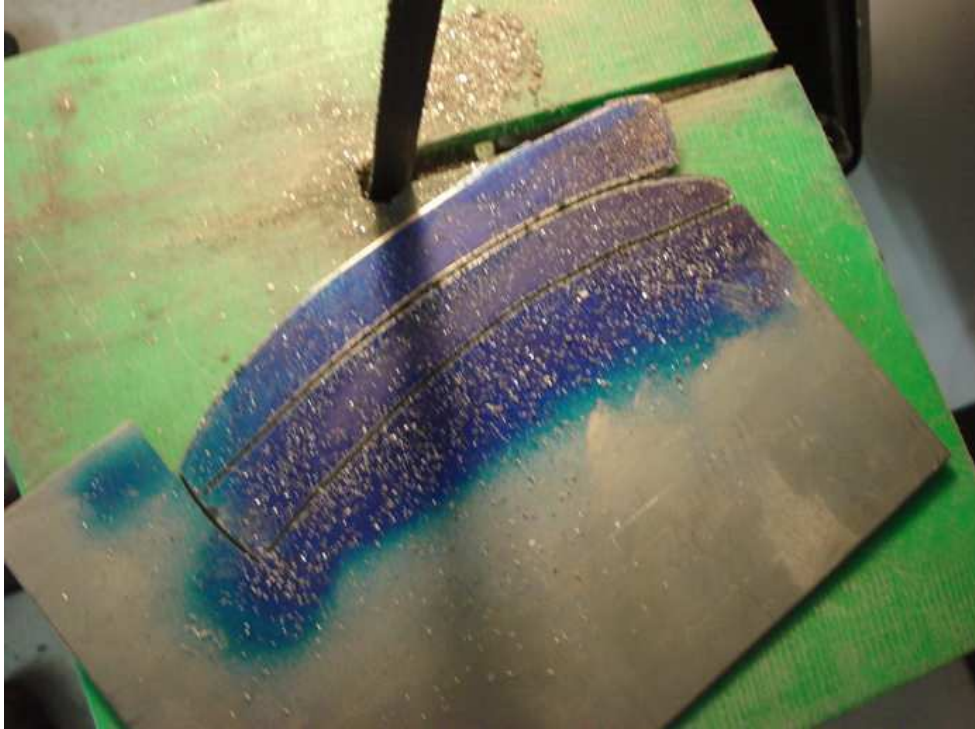
PSSSSSCHHHHHIIIT with the ink on the titanium sheet.



Aluminium handle as template



Scroncth, scrontch, scrontch with the band saw.



It's cut



I clean everything to the 60 grit belt.



I pointed the spot for the pivot.



Drill to 1,9mm



Countersinked to 90°c



some titanium and double face scotch.



drilled to 1.7mm



I tapered the handle.



I cut the pivot to the right size with the belt grinder.



Scale and spacer are together, i have only to sharped everything to the right size.



It's done.



First building .



I decreased the thickness to the monkey tail.
scontch scronch , some grind.



It's done and cleaned.



I tried to put away the « air » from the stainless foil with some paper, but next time i will use something else....



I folded the steel with some glove. 😊



I sealed each side.



I folded 😊



Another fold.



Two fold and some sealing work.



During the heat of the oven, i cleaned the scale.



I polished the countersunk scale.



the spacer is clean :D



1040°C, i'm waiting during 20mn and after that quench between aluminium bar..





The handle is satined with scotch brit.



After quenching



Two fixed blade too :D



Shit, after cleaning, the blade is brocken at two spot....



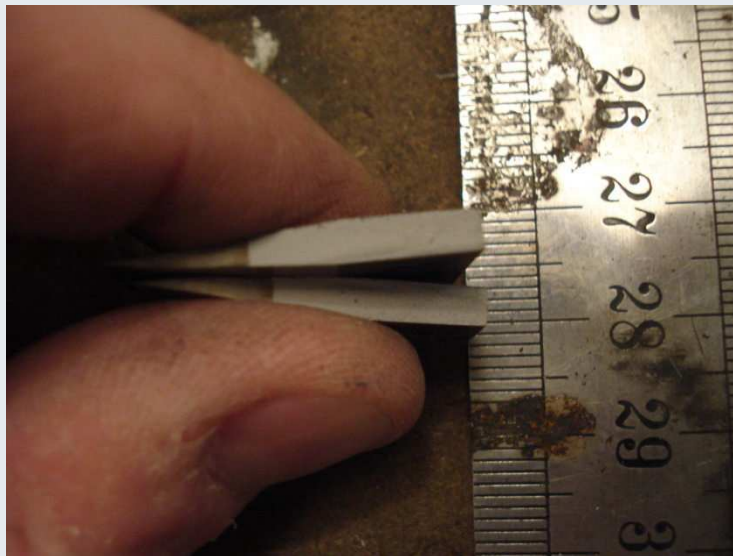
I don't intend to waste, i will make a small straight, the aim is to test niolox as blade material.



I cut the blade.



too easy with a 1mm stainless cutting disk.





After to have brocken the piece i cut, the grit is perfect.



It's reshaped.



Cleaned



It's cleaner now



Some cutting work :D



zzzzinnnnnng, ziiiiinnnnngggg



Cut



I created the edge with a 500 grit belt.



The edge is done



grind grind grind, i re shaped the front of the straight.



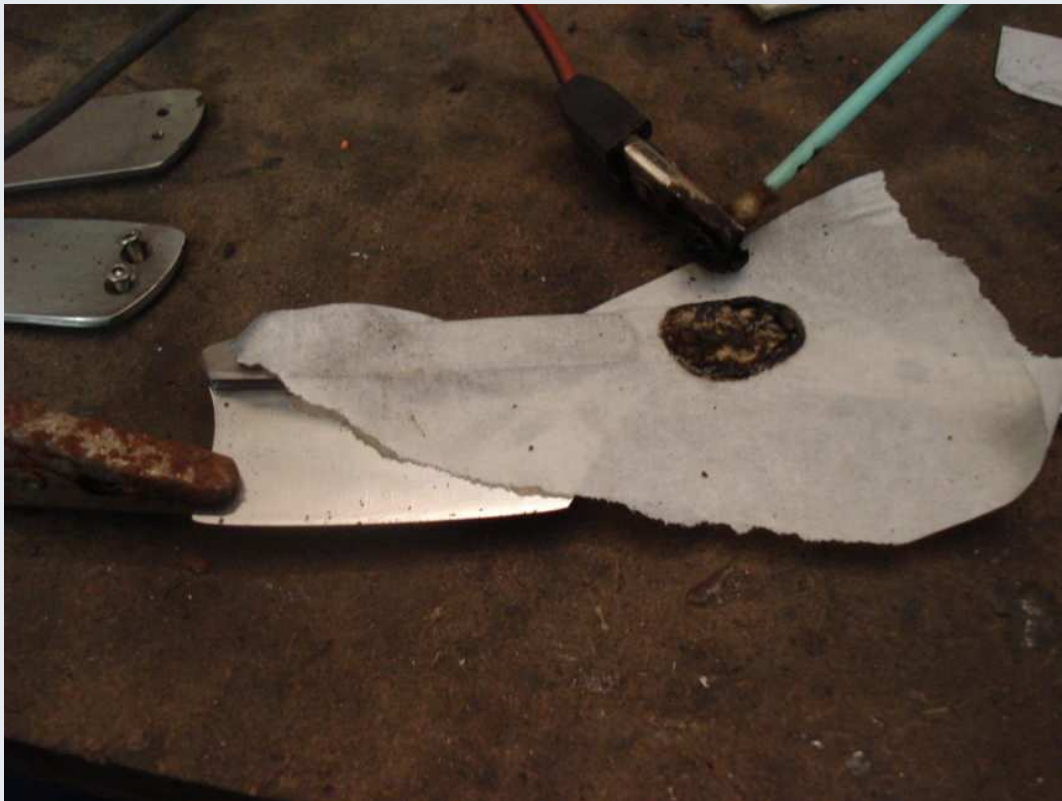
grind, grind grind, i completed the grind with 120-240-500



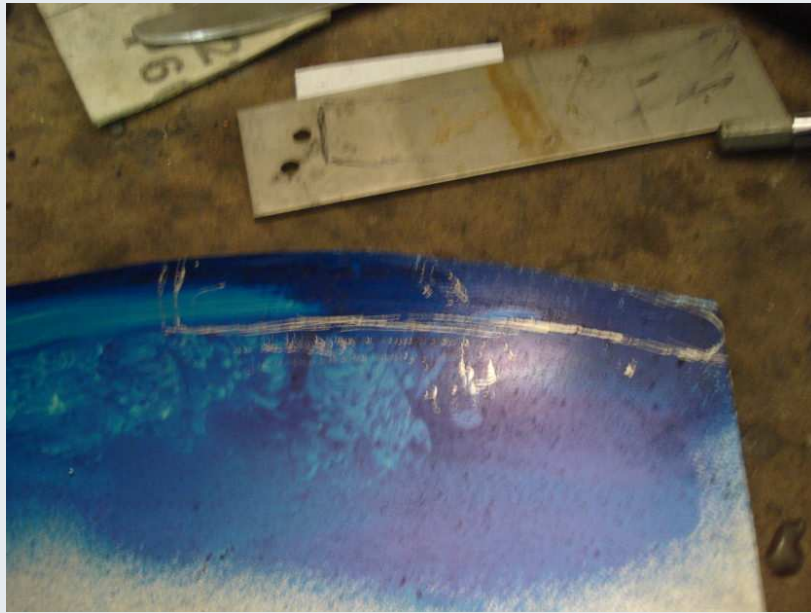
Buffering time.



Scotch, cutter, for my logo etching



scritch, scritch, scrith, it's etched



New handle



zing zing zing, one more cut



2 new piece and spacer



Some double face scotch and i drilled to 1,9mm



1.7 mm to the heel



i countersinked to 90°



Tapping



Pre building



grind, grind grind to make the shape

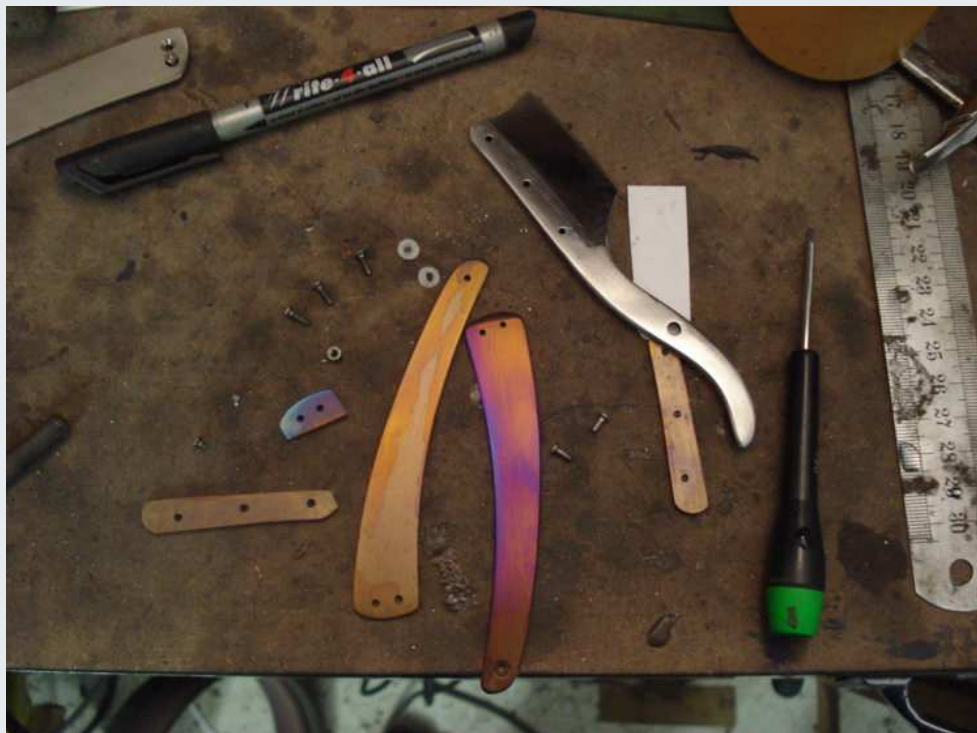


I have all the pieces





Building



Propan torch anodization







It's the end of the wip, man can always save something from some failed.
I'm finally happy with the result, after some honing work, and leather work, i tested the
straight and the niolox is OK to make straight razor blade. I'm happy.
That small edge is not bad at all to shave various body part :D, not only beard.