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Topic: Scratch built 10/22 receiver, Using hand tools and drill press

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vrwc 

Posted: May 18 2008,14:45

["QUOTE"](#)



Group: Members
Posts: 84
Joined: Dec. 2002

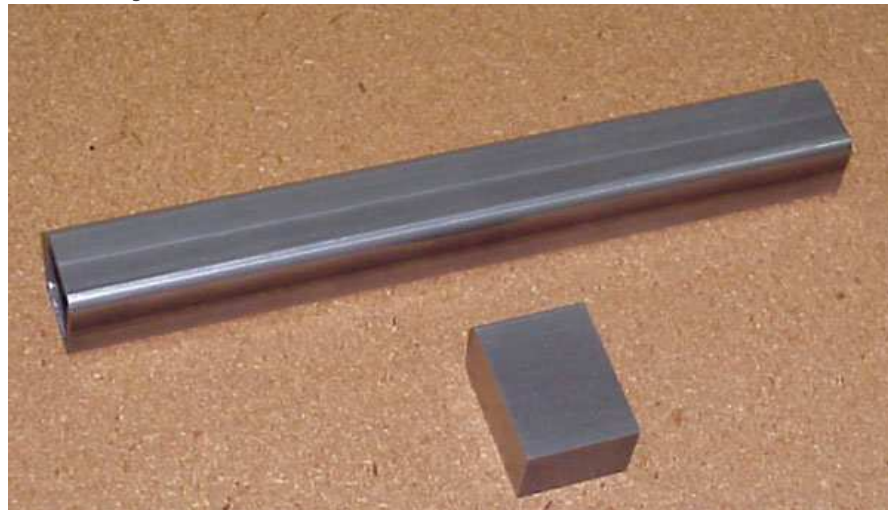
I've wanted to build a 10/22 for quite awhile. I decided to try a receiver with some scraps I had accumulated over time. The tubing is 1.25 in. square x .12 in. Cold Formed Structural Steel (ASTM A500). The flat bar is a piece of 1 in. x 2 in. (1018 Cold Finished).

I'll cut the tubing to about 7 inches long. I'll need two pieces from the flat bar (1.5 inch long and 1.25 inch long).

The receiver will be made of three major parts: the main body (the tubing), the front trunnion and the rear trunnion all held together by screws. I'll also have to fabricate two rails out of smaller scraps.

-
Tony C.

Attached Image



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vrwc 

Posted: May 18 2008,15:18

["QUOTE"](#)

I cut out one side of the tubing (the welded side naturally) using a dremel tool mounted on a plastic dremel router table. This gives me a nice straight cut end to end.

I was surprised to see the piece spring off and curve itself into a gentle arc. The tube flared out a tiny bit



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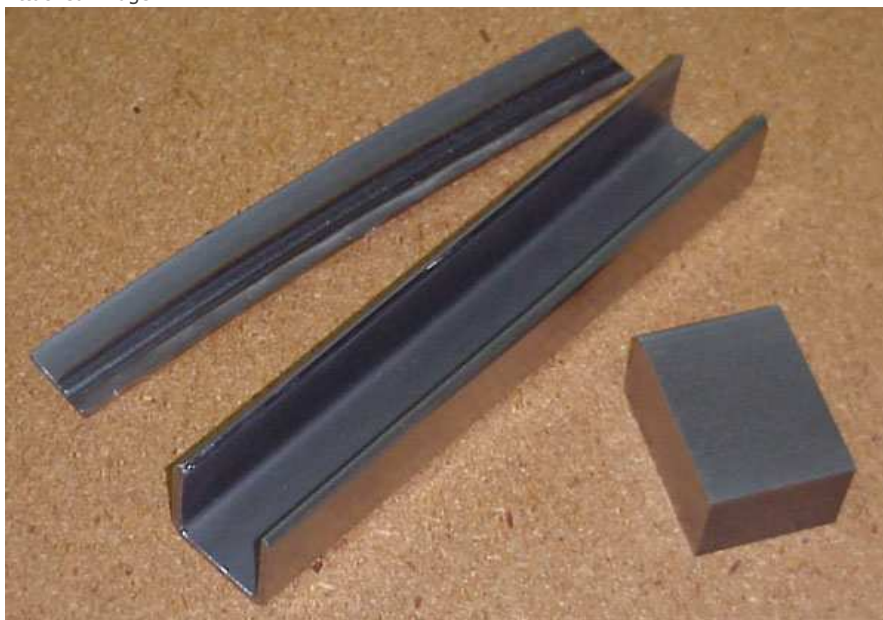
side to side but the screws will easily pull it in to the trunnion.

Also worth noting is the fact that the internal measurement of the tube is 1.010 in. while the 1 inch flat bar is actually .996

-

Tony C.

Attached Image



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vrwc 



Group: Members
Posts: 84
Joined: Dec. 2002

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Posted: May 18 2008,15:30

["QUOTE"](#)

Time to check the fit of the flat bar (soon to be trunnion) in the tube. The tubing has nice rounded corners while the bar has pretty sharp corners.

I'll do some filing on the bar to get a better fit.

-

Tony C.

Attached Image



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Group: Members
Posts: 84
Joined: Dec. 2002

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Posted: May 18 2008,15:45

["QUOTE"](#)

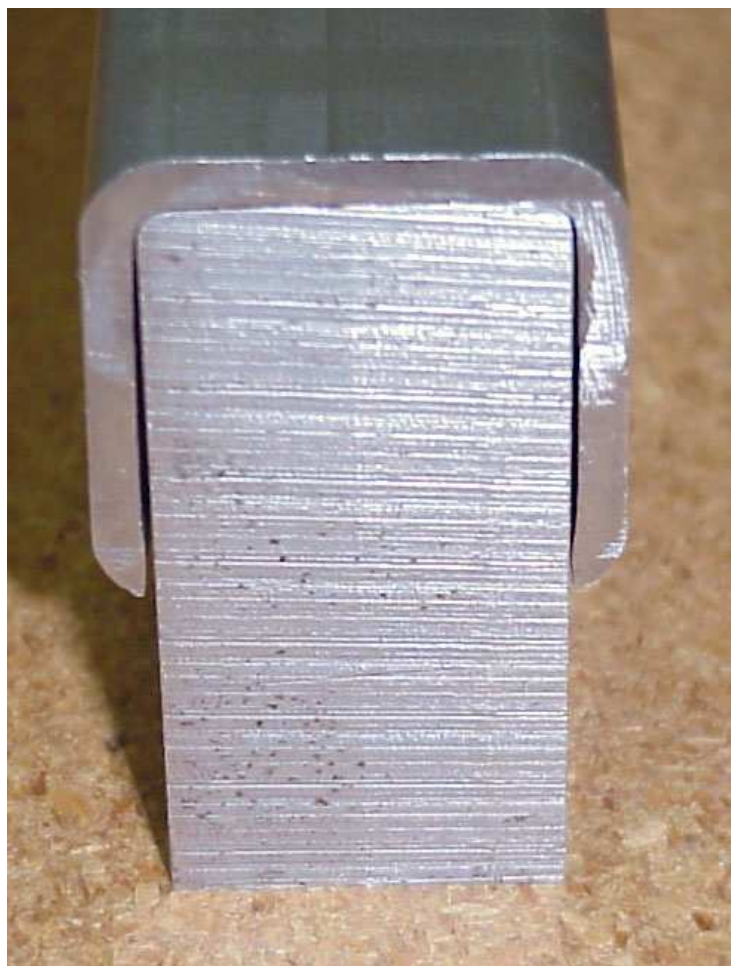
After some filing we see a better fit.

I'll have to clean up my cuts inside the tubing as well.

-

Tony C.

Attached Image

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Group: Members
Posts: 84
Joined: Dec. 2002

[PROFILE](#) [SEND MSG](#) [E-MAIL](#)[Report this post to a moderator](#)**ib** **Posted:** May 18 2008,16:44["QUOTE"](#)

Here's a side view.

-

Tony C.

Attached Image

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Now it's time to drill the hole in the trunnion for the barrel. I'm using an 11/16 in. bit in the drill press and lots of oil. The piece wants to get pretty hot, so go slow and use LOTS of oil and/or coolant.



Group: Members
Posts: 84
Joined: Dec. 2002

While I'm at it and while the trunnion is clamped down I'll drill the holes for the Barrel Retainer V-Block. I located the holes based on my [blueprint](#). This ended up being a mistake. 😞 Although it worked and held the barrel firmly, the block sat at an angle when the screws were tightened. The holes were a bit too low relative to the barrel so I had to solder a small shim to V block at the end of the build. I should have started the holes with the barrel in place using the V block as a guide. Lesson learned for next time.

Attached Image



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vrwc

Posted: May 18 2008,17:59

["QUOTE"](#)



Group: Members
Posts: 84
Joined: Dec. 2002

Next I'll cut the front trunnion to the T shape of a factory receiver. I'll drill, tap and screw (8-32) into place and cut the tubing and trunnion together. I'm using a cheap Harbor Freight band saw mounted to a frame I made from old steel shelving pieces. This will give me an improvised vertical band saw.

This receiver will be going into a factory stock so I'll try to keep as close to factory dims as possible. I don't have a factory receiver to refer to but I do have a Ruger receiver [blueprint](#) I purchased years ago (should be the same as the one in the library). I will still have to inlet the factory stock a bit to make it fit however.

I put some ink marks on the pieces that will be cut away. The scribed lines can be difficult to see on some monitors.

-

Tony C.

Attached Image

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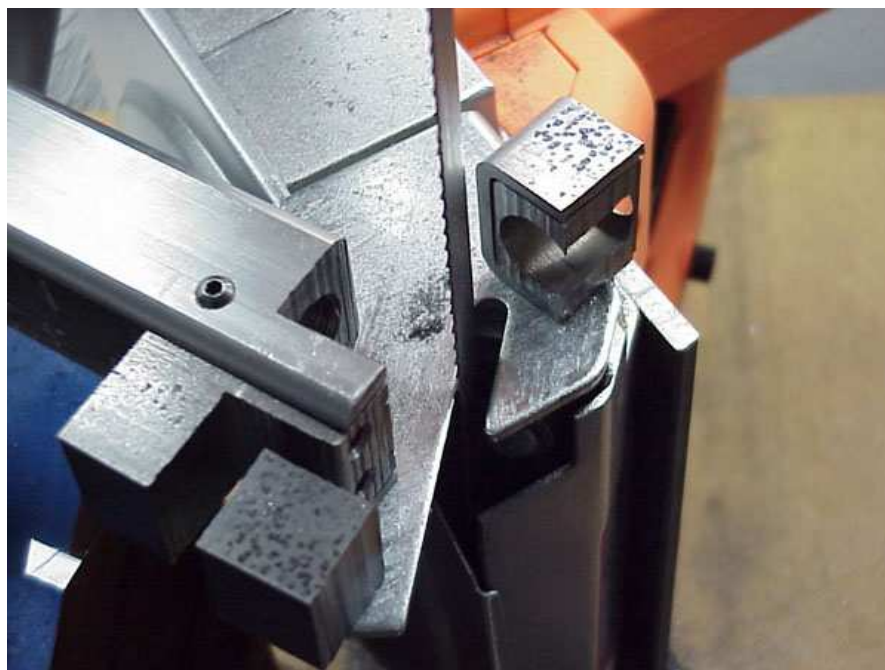
[PROFILE](#) [SEND MSG](#) [E-MAIL](#)[Report this post to a moderator](#)**Posted:** May 18 2008,18:09["QUOTE"](#)

Here are the cuts. The wash board effect is from doing this freehand. Much smoother cuts can made using a miter guide for the band saw. (note to self: build miter guide for saw....meanwhile break out files)

-

Tony C.

Attached Image

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Group: Members
Posts: 84
Joined: Dec. 2002

[PROFILE](#) [SEND MSG](#) [E-MAIL](#)[Report this post to a moderator](#)**Posted:** May 18 2008,18:37["QUOTE"](#)

I'll start inletting the barrel channel in the trunnion to fit the barrel. I also turned down the screw heads in the drill press for a smoother look.

-

Tony C.

Attached Image

[PROFILE](#) [SEND MSG](#) [E-MAIL](#)[Report this post to a moderator](#)**Posted:** May 18 2008,18:42["QUOTE"](#)

Using Magic Marker to find high spots. The dremel gets a good workout on this project.

-



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Posts: 84
Joined: Dec. 2002

Tony C.

Attached Image



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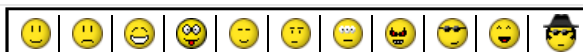
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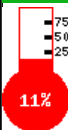


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Topic: Scratch built 10/22 receiver, Using hand tools and drill press

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nevadablue 

 **Posted:** May 18 2008,19:02

["QUOTE"](#)



Staff

Group: Moderators
Posts: 4242
Joined: Feb. 2004

Very interesting project, vrwc. Nice job on the writeup, looking forward to more. The 10-22 is one of my favorites. Are you going to build all the internals too?

Remember, it could well be that your only purpose in life is to serve as a warning to others.

OH, by the way... don't worry, we WIN, I read the BOOK! 😊



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vrwc 

 **Posted:** May 18 2008,19:07

["QUOTE"](#)



Finished inletting the barrel channel. Added another screw to pull things together. Also filed the 45 deg. angles for the V block. I marked the lower front of the trunnion for later grinding to shape.

-
Tony C.

Attached Image

Group: Members
Posts: 84
Joined: Dec. 2002



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MADJACK



Staff

Group: Moderators
Posts: 3393
Joined: April 2004

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Posted: May 18 2008,19:23

["QUOTE"](#)

Looks like you're using some experience/insight from all those AK builds that are online. I like the approach, looks like a sleek strong receiver in the making. I will be stealing some ideas here and there 😊

I'm going to have fun watching this one 🤖

edit: hit the submit button on accident 🤖

Edited by MADJACK on May 18 2008,19:24

"We are not weak if we make proper use of those means which the GOD of nature has placed in our power....The battle sir, is not to the strong alone;it is to the vigilant,the active, the brave."- Patrick Henry

Mad Jack

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vrwc



Group: Members
Posts: 84
Joined: Dec. 2002

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Posted: May 18 2008,19:33

["QUOTE"](#)

Hi nevadablue

Thanks for the kind words.

I won't be building the internals this time around since I already had a bunch of parts I accumulated over the years. Most of the internals in the trigger group certainly look like they can be fabricated by those of us limited to drill press, dremel and file. The bolt, however, might be a challenge.

Hello Madjack

Ha! Good eye. That's correct same idea as an AK build. I've built a couple AKs (screw builds) and just carried the ideas over to this. Take all the ideas you want and refine them then I'll steal them back.

-

Tony C.

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Posted: May 18 2008,19:48

["QUOTE"](#)

I was well impressed to see the side neatly cutout of the square tube stock using dremel and cutoff discs. I am sure I could do as well using a vertical mill but I might doubtful I would done that good with a Dremel- I know thats tough..I have the expectation that you will make a good finish to this project. I looking forward to seeing more.

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ALPHAWOLF45
Honorary Subscriber

Subscriber

 Group: Subscriber
 Posts: 1446
 Joined: Mar. 2006

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vrwc

 Group: Members
 Posts: 84
 Joined: Dec. 2002

[PROFILE](#) [SEND MSG](#)
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Posted: May 18 2008,20:02

["QUOTE"](#)

Thanks ALPHAWOLF45

The dremel router table really helps make a straight neat cut since it uses a rip fence type of set up to guide the stock along the cutoff wheel. I can never make a straight neat cut freehand (as we soon shall see).

-

Tony C.

[PROFILE](#) [SEND MSG](#) [E-MAIL](#)
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Posted: May 18 2008,22:44

["QUOTE"](#)

Next I traced and cut out a template for the ejection port from my print and glued it on the receiver. Located the ejection port based on measurements from the print.

Drill, then cut out with the dremel.

-

Tony C.

Attached Image


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vrwc 

Group: Members
Posts: 84
Joined: Dec. 2002

Posted: May 18 2008,22:46["QUOTE"](#)

The dremel connects the dots.

-

Tony C.

Attached Image

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Group: Members
Posts: 84
Joined: Dec. 2002

Posted: May 18 2008,22:59["QUOTE"](#)

Now I clean up the opening with a smaller wheel on the dremel and finish up with some hand filing.

Uh oh, the darn dremel started to get away from me and over ran the curve at the front of the port. The variable speed on the dremel died so I only have one speed: too fast. A slower speed will give better control in tight spots.

-

Tony C.

Attached Image



[Back to top](#)**archdlx** [PROFILE](#) [SEND MSG](#) [E-MAIL](#)[Report this post to a moderator](#)**iB** Posted: May 18 2008,23:07["QUOTE"](#)

Fantastic vrw.....

you are an inspiration to those of us "tool challenged" individuals
to get busy and try something like this ourselves!!

Thanks,
Archdlx

**Community
Pillar**

Group: Community Pillar
Posts: 37
Joined: Aug. 2007

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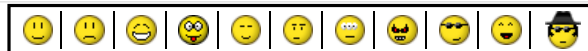
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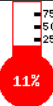
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vrwc

ib [Posted:](#) May 18 2008,23:17

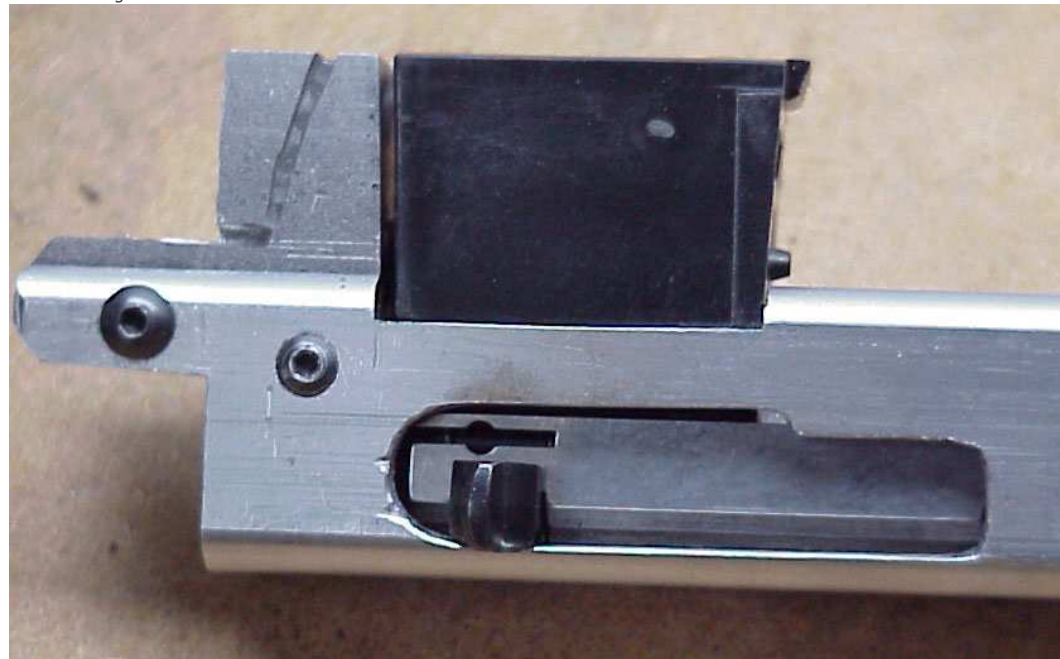
[QUOTE](#)



It's hard to see in the photo but I've filed a slight angle on the trunnion where it meets the mag. Basically just laid the mag alongside the trunnion and traced the shape onto the trunnion. Then file and fit. In this photo I haven't drilled the recess hole in the trunnion yet which helps lock the mag in place. If you look at a 10-22 mag in person this will all make more sense.

-
 Tony C.

Attached Image



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vrwc

ib [Posted:](#) May 18 2008,23:37

[QUOTE](#)



I had gotten a bargain on a 10-22 stock awhile back because it had a big chip out of it. Perfect spot to fit a rear tang from the receiver and then have two points to bolt the action to the stock. I'll make the rear trunnion accordingly. I've already squared off some of the opening in the stock to fit my squarish receiver.

-
 Tony C.

Attached Image

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 Posts: 84
 Joined: Dec. 2002



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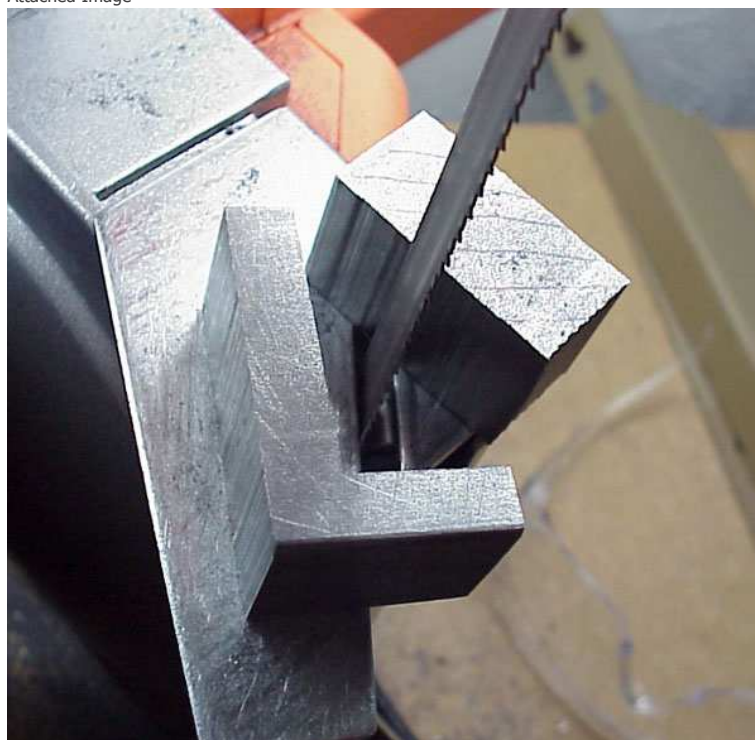
Posted: May 18 2008,23:45

[QUOTE](#)

Cutting the rear trunnion. The short leg of the L will be the the rear tang and the L will slide up into the tubing upside down.

-
Tony C.

Attached Image



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vrwc

Posted: May 19 2008,00:09

[QUOTE](#)

I temporarily clamped the rear trunnion into receiver and when I was satisfied that it was where it should be I drilled for the mounting screws (8-32).

I also marked the location where I would drill for the 10-32 screw which will act as the retainer for the cocking handle guide rod. Chucked the screw into the drill press (used some threaded tubing left over from AK builds to protect the threads) and machined the head down to size.

Put the trunnion back into the receiver and adjust the retainer screw by checking with the bolt and cocking handle in place. Remove



Group: Members
Posts: 84
Joined: Dec. 2002



Group: Members
Posts: 84
Joined: Dec. 2002

the trunnion and use some loctite to hold the retainer screw in place.

-

Tony C.

Attached Image



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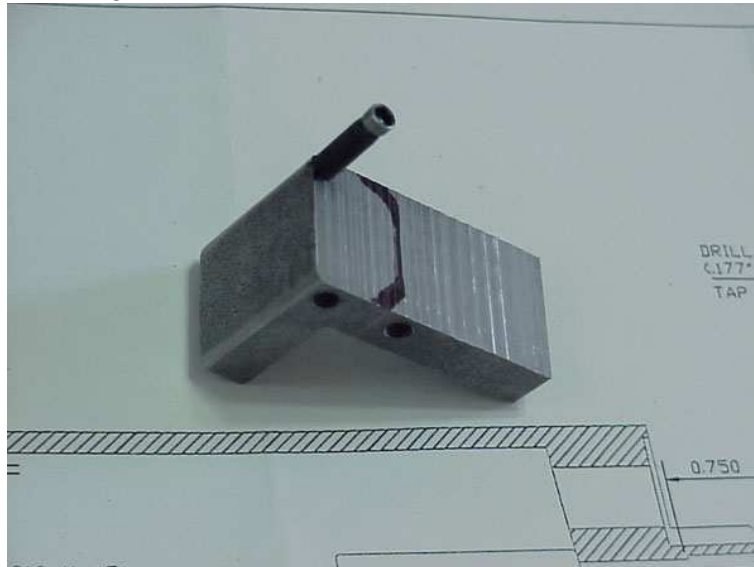
Posted: May 19 2008,00:20

[QUOTE](#)

Here's another look at the rear trunnion from the ejector side. The tang should overlap the stock chip nicely.

The outline on the trunnion is the shape of the rear of the bolt. I'll have to grind some material out in this area so the buffer pin will fit. A factory receiver seems to be concave in this area judging from photos I've seen.

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vrwc 

Posted: May 19 2008,00:32

[QUOTE](#)

Looking at the rear trunnion in place with bolt and cocking handle.

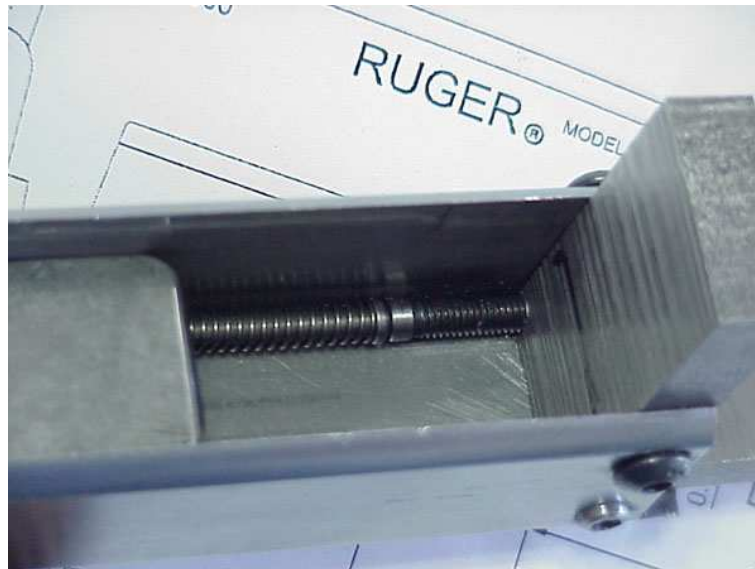
-

Tony C.

Attached Image



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vrwc

ib Posted: May 19 2008,00:35

[QUOTE](#)

Thanks Archdlx.

-

Tony C.



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 Posts: 84
 Joined: Dec. 2002

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vrwc

ib Posted: May 19 2008,01:02

[QUOTE](#)

Time to start on the top and bottom rails. A quick search around the shop and I found a piece of mystery steel which should work for the top rail. This is where the top of the bolt will ride (ejector side).

Hmm, I wrote the dims down for this piece but can't seem to find them right now. I'll have post those later.

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vrwc

ib Posted: May 19 2008,01:17

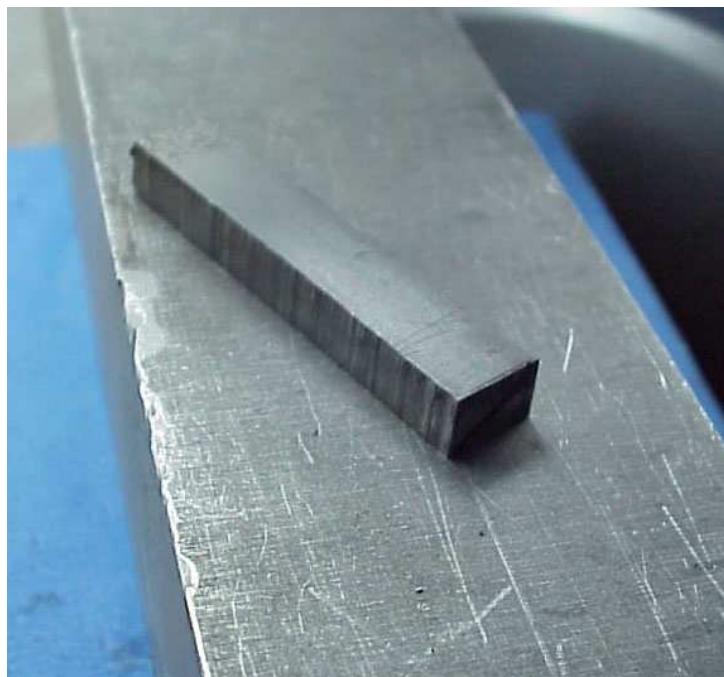
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A piece of cutoff 1018 scrap will form the bottom rail on the ejector side of the receiver. This piece started out at about 1/4 in. x 3/8 in. x 2 in. A sane person could probably use a piece of angle steel and save a lot of dremel work. I just didn't have any angle steel on hand to try it.

Attached Image



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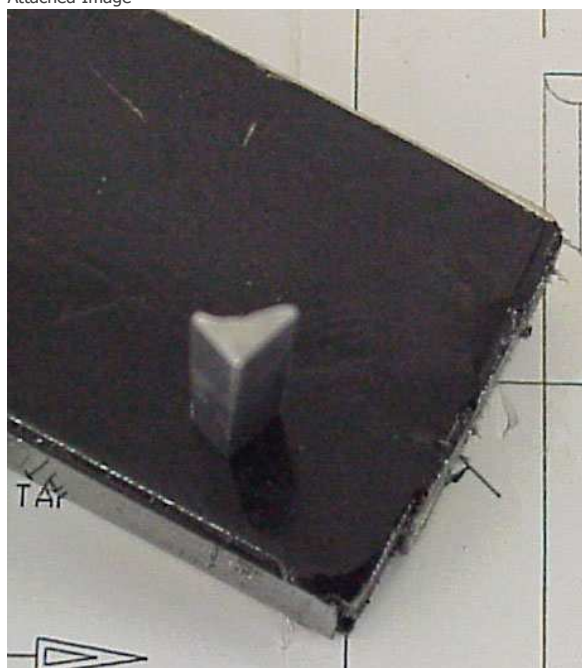
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ib Posted: May 19 2008,01:30

[QUOTE](#)

Here's the shape after some dremel work. The shape has to accommodate the top of the mag on the ejector side of the receiver. I'll put the bolt and cocking handle in the receiver and lay the rail on the bottom of the bolt. Then I'll put the mag in place and see if it sits properly.

Attached Image



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Topic: Scratch built 10/22 receiver, Using hand tools and drill press

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vrwc 

Posted: May 19 2008,01:48

["QUOTE"](#)



Here you can see where I've removed the front trunnion and the top and bottom rail are in place. They are being held with JB weld for now. I'll put some pins in later for extra security. The magazine cutouts have also been made in the receiver based on the print I have. The square tubing is not as tall as a factory receiver so I had to take this into account when I made the mag cutouts. I simply took my measurements from the the inside top of the receiver rather than the bottom edge receiver.

Attached Image



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Posts: 84
Joined: Dec. 2002

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vrwc 

Posted: May 19 2008,11:16

["QUOTE"](#)



Here I drill some 1/16 holes in the rails and hammer in some slightly oversize roll pins dipped in clear epoxy. I'll grind off any of the pin that sticks up above the surface.

You can see I've also drilled the holes for the pins that hold the trigger group. Once again I take the measurements to locate the holes from my print. The print takes the measurement from the bottom edge of the receiver. Since my receiver is not as tall the factory receiver I'll have to take my measurement from the

Group: Members
Posts: 84
Joined: Dec. 2002

inside top of the receiver.

These holes ended up very close to the bottom edge, almost too close. Next time I'll just drill new holes further up the receiver and use screws to hold the trigger group/guard. The guard has lots of places to drill and tap without interfering with the internals.

Attached Image



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vrwc



Group: Members
Posts: 84
Joined: Dec. 2002

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ib Posted: May 19 2008,13:38

["QUOTE"](#)

I'm almost done at this point. Using a hand grinder I've ground the rear tang to shape, drilled and tapped (12-24) forward and aft take down holes in the receiver. I'll use 12-24 socket head screws as the take down screws. I've also drilled the buffer pin hole.

Since I planned on using a rust blue I finished up the metal with a 220 grit. I didn't spend alot of time sanding since this will be a truck and boat gun. It will get its share of hard knocks.

I used Brownells Classic Rust Blue and did 5 applications. The results were much better than expected. Actually the blue looks much better in person than in the photos.

Attached Image



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Cobbler

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ib Posted: May 19 2008,13:51

["QUOTE"](#)



Community Pillar

Group: Community Pillar
Posts: 2409
Joined: April 2004

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Jeepers1911



Group: Members
Posts: 48
Joined: April 2008

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vrwc



Group: Members
Posts: 84
Joined: Dec. 2002

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vrwc



Group: Members
Posts: 84
Joined: Dec. 2002

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vrwc

This is an awesome build. A friend of mine did a similar build 10 or 20 years ago but his didn't turn out nearly as pretty as yours. Great job.

"If you are not a part of the solution, there is good money to be made by prolonging the problem"

Video meliora proboque deteriora sequor

[PROFILE](#) [SEND MSG](#) [E-MAIL](#)

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Posted: May 19 2008,13:51

["QUOTE"](#)

awesome build 😊 ... how does she shoot?

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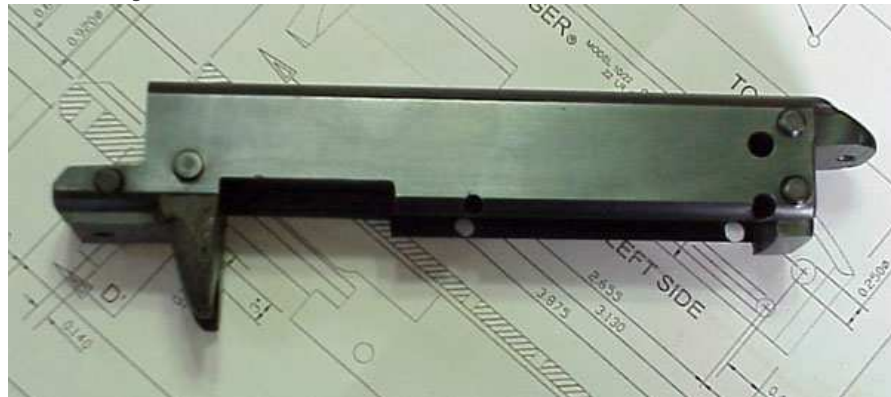
Posted: May 19 2008,13:57

["QUOTE"](#)

The uneven look in the blue is fingerprints. I forgot to wipe it down before snapping the photo.

Rust blue has a reputation for being pretty durable. I live in Florida so we'll see.

Attached Image



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Posted: May 19 2008,14:06

["QUOTE"](#)

Thanks Cobbler and Jeepers1911

Functions flawlessly so far but I've only put 50 rounds through it at this point. Haven't been able to check for accuracy since it doesn't have sights yet.

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[Report this post to a moderator](#)

Posted: May 19 2008,14:32

["QUOTE"](#)



Group: Members
Posts: 84
Joined: Dec. 2002

View from the top.

The two screws are additional front trunnion screws. I made the small heads flush with the surface for a cleaner look. The other trunnion screws will be hidden by the stock.

All the screw threads were coated with JB weld as were the trunnions themselves just before final assembly.

Attached Image



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vrwc

Posted: May 19 2008,14:55

["QUOTE"](#)

The rust blue isn't quite as dark as the factory blue on the barrel.

Attached Image



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GeneT

Posted: May 19 2008,15:12

["QUOTE"](#)

I'm thinking this is worthy of archival. Great idea and nicely executed. Gonna have to try one of these myself.

Thanks!

GsT

**Community
Pillar**

Group: Community Pillar
Posts: 1383
Joined: April 2005

[50 BMG Site](#)

"No free man shall ever be debarred the use of arms. The strongest reason for people to retain their right to keep and bear arms is as a last resort to protect themselves against tyranny in government." - Thomas Jefferson

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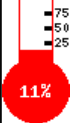


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Topic: Scratch built 10/22 receiver, Using hand tools and drill press

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vrwc 

Posted: May 19 2008,15:12

["QUOTE"](#)



Group: Members
 Posts: 88
 Joined: Dec. 2002

Here's a look at the two take down screws.

Attached Image



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vrwc 

Posted: May 19 2008,15:16

["QUOTE"](#)



Group: Members
 Posts: 88
 Joined: Dec. 2002

Thank you GeneT.

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[E-MAIL](#)

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corelock 

Posted: May 19 2008,16:27

["QUOTE"](#)

Subscriber

Group: Subscriber
 Posts: 197
 Joined: Dec. 2003

I have a well tooled shop, 10x24 atlas, welder, mini-mill, and burke mill. I have yet to make anything like that. Hats off to you. Just goes to show the best tool we have is between our ears!

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heathydee **Subscriber**Group: Subscriber
Posts: 345
Joined: July 2007[Back to top](#)**MADJACK** **Staff**Group: Moderators
Posts: 3401
Joined: April 2004[Back to top](#)**vrwc** Group: Members
Posts: 88
Joined: Dec. 2002[Back to top](#)**nevadablue** **Staff**Group: Moderators
Posts: 4253
Joined: Feb. 2004**Posted:** May 19 2008,16:33["QUOTE"](#)

Congratulations on a successful project ! Well done!

Heath

"rational debate is a sign of a healthy society"

[PROFILE](#) [SEND MSG](#)[Report this post to a moderator](#)**Posted:** May 19 2008,16:49["QUOTE"](#)

Excellent build! Man, that looks better than a factory one to me 😊

"We are not weak if we make proper use of those means which the GOD of nature has placed in our power....The battle sir, is not to the strong alone;it is to the vigilant,the active, the brave."- Patrick Henry

Mad Jack

[PROFILE](#) [SEND MSG](#) [E-MAIL](#)[Report this post to a moderator](#)**Posted:** May 19 2008,17:25["QUOTE"](#)

Thank you gentlemen for the compliments.

Finally here's the completed rifle.

As I mentioned earlier I only have 50 rds through it. So far so good.

It doesn't have sights yet so I haven't been able to check accuracy. I'll probably mount M1 carbine style sights. Then I'll run a brick or two of ammo through it.

The nice thing about building a .22 is that they're affordable to shoot so I can give it a good workout.

Attached Image

[PROFILE](#) [SEND MSG](#) [E-MAIL](#)[Report this post to a moderator](#)**Posted:** May 19 2008,17:54["QUOTE"](#)

Great job! Thanks for posting all the detail. Let us see how the sights come out please. 😊

Remember, it could well be that your only purpose in life is to serve as a warning to others.

OH, by the way... don't worry, we WIN, I read the BOOK! 😊

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[Back to top](#)**jeep4x4greg** **Posted:** May 19 2008,19:42[Report this post to a moderator](#)["QUOTE"](#)

this is pretty dang awesome!

my hat is off to you! I don't think I have the patience to do that good of work with those tools....

:bows down:

[PROFILE](#) [SEND MSG](#)[Report this post to a moderator](#)["QUOTE"](#)[Back to top](#)**Cobbler** **Community
Pillar**

Group: Community Pillar
Posts: 2419
Joined: April 2004

Posted: May 20 2008,00:46**Quote** (jeep4x4greg @ May 19 2008,19:42)

this is pretty dang awesome!

my hat is off to you! I don't think I have the patience to do that good of work with those tools....

:bows down:

Patience 

According to the timing of the posts, the whole build took 27 hours straight through 

There is an off-the-shelf rectangular tubing that might work to give the next guy the extra receiver height.
The chunk I have measures 1.25 x 2 outside and 1x 1.75 inside.

Again, awesome build and absolutely excellent write-up. This thread should be preserved somewhere special.

"If you are not a part of the solution, there is good money to be made by prolonging the problem"

Video meliora proboque deteriora sequor

[PROFILE](#) [SEND MSG](#) [E-MAIL](#)[Report this post to a moderator](#)["QUOTE"](#)[Back to top](#)**Fuzzbean** 
*LIFE MEMBER***Posted:** May 20 2008,01:49

Due partly to my computer blowing up again last week, I'd missed this until now. That is really impressive for so few tools. It turned out looking great by any standard. Nice job!

Group: Community Pillar
Posts: 4383
Joined: Dec. 2003

"If you need a machine today and don't buy it, tomorrow you will have paid for it and not have it."

- Henry Ford

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borington 

Posted: May 20 2008,22:05

["QUOTE"](#)



I KNEW it would work. Awesome job!

"If someone has a gun and is trying to kill you, it would be reasonable to shoot back with your own gun." -- The Dalai Lama, (May 15, 2001, The Seattle Times)

Subscriber

Group: Subscriber
Posts: 965
Joined: Feb. 2006

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Charlie 

Posted: May 21 2008,07:12

["QUOTE"](#)

vrwc, your desire and tenacity is exceptional.

Congratulations Sir.

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vrwc 

Posted: May 21 2008,08:23

["QUOTE"](#)

Thanks everyone.

Hey Cobbler do you know of an online source for that size steel tubing? I have another project in mind and that sounds about perfect. My usual suppliers only seem to stock that size in aluminum.

Thanks.



Group: Members
Posts: 88
Joined: Dec. 2002

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Swede 
LIFE MEMBER

Posted: May 21 2008,09:25

["QUOTE"](#)

WOW! Great build! That square tube cross-section gives it a very clean appearance. Well done! 



Community Pillar

Group: Community Pillar
Posts: 1775
Joined: Jan. 2003

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vrwc



Group: Members
Posts: 88
Joined: Dec. 2002

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aoolfman1st



Group: Members
Posts: 10
Joined: Feb. 2007

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aoolfman1st



Group: Members
Posts: 10
Joined: Feb. 2007

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jandbj

Subscriber

Group: Subscriber
Posts: 350
Joined: Sep. 2004

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jandbj

Subscriber

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ib Posted: May 21 2008,09:38

["QUOTE"](#)

Thanks Swede

I really liked to work with that tubing. The rounded edges just makes it want to be a receiver. I can visualize other builds using this stuff.

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ib Posted: May 21 2008,11:58

["QUOTE"](#)

great work
very interesting prosses
you made it look so easy
thanks for the poste

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ib Posted: May 21 2008,12:06

["QUOTE"](#)

great work
very interesting prosses
you made it look so easy
thanks for the poste

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ib Posted: May 21 2008,14:26

["QUOTE"](#)

WOW! Awesome build with minimal tools!

If you decide to scope one of these the Weaver mounts for a Marlin 336 should work great as that is a similarly flat topped receiver.

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ib Posted: May 21 2008,14:34

["QUOTE"](#)

[Aluminum rectangular stock 1.25x2.5x.125](#)

Would this aluminum stock work for this build?

Group: Subscriber
Posts: 350
Joined: Sep. 2004

p.s. I guess I now need a dremel router table! 😊

Edited by jandbj on May 21 2008,14:44

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vrwc 



Group: Members
Posts: 88
Joined: Dec. 2002

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Posted: May 21 2008,15:30

["QUOTE"](#)

Quote (jandbj @ May 21 2008,15:34)

Aluminum rectangular stock 1.25x2.5x.125

Would this aluminum stock work for this build?

p.s. I guess I now need a dremel router table! 😊

The aluminum should work fine. You want to end up with about a 1 inch space inside the receiver, just slightly larger than the bolt.

The steel is easier to blue. If you go with aluminum you'll have to anodize or paint.

Nearly all the factory 10-22 receivers are aluminum.

The dremel router table is a great accessory. I cut the rails for a 1911 build using it (a topic for another post when I finish it)

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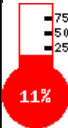


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vrwc 

 **Posted:** May 21 2008,15:45

["QUOTE"](#)



Group: Members
 Posts: 89
 Joined: Dec. 2002

Here's a teaser of the router table making the cuts on a stainless 80% 1911 frame. Note that I used a diamond cutting wheel for that project (the stainless loves to eat abrasive wheels).



Attached Image



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Cobbler 

 **Posted:** May 21 2008,23:51

["QUOTE"](#)



Community Pillar

Group: Community Pillar
 Posts: 2423
 Joined: April 2004

Regarding the off-the-shelf tubing I mentioned earlier, the place I get it from lists it as 2" x 1-1/4" - 11Ga.

If more than 3 or 4 people are interested, my arm could be twisted to pick some up, chop it to length and send it out for a modest fee.... 

 "If you are not a part of the solution, there is good money to be made by prolonging the problem"

Video meliora proboque deteriora sequor

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Jonah 

Group: Members
Posts: 8
Joined: July 2003

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Posted: May 22 2008,07:14

["QUOTE"](#)

Do you have any idea of what the charges would end up being?
Jonah

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Musashi 



Subscriber

Group: Subscriber
Posts: 15
Joined: Jan. 2005

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Posted: May 22 2008,08:21

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I'm interested. Let me know how much. One of the neatest builds I've seen lately.:)

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Cobbler 



**Community
Pillar**

Group: Community Pillar
Posts: 2423
Joined: April 2004

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Posted: May 22 2008,09:16

["QUOTE"](#)

It looks like it would be under \$20 shipped.

"If you are not a part of the solution, there is good money to be made by prolonging the problem"

Video meliora proboque deteriora sequor

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Musashi 



Subscriber

Group: Subscriber
Posts: 15
Joined: Jan. 2005

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Posted: May 22 2008,09:32

["EDIT"](#) ["QUOTE"](#)

Let me know how to get you the money, and such. I'm in.

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Jeepers1911 

Group: Members
Posts: 58
Joined: April 2008

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Posted: May 22 2008,10:14

["QUOTE"](#)

i would be interested cobbler ... just need to know how to get the funds to you .. paypal,check,ect .. dont think paypal would have a issue with a chunk of metal .. but you never know ...lol

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Cobbler **Community
Pillar**Group: Community Pillar
Posts: 2423
Joined: April 2004**Posted:** May 22 2008,10:25["QUOTE"](#)

I'll start a new thread in the trading post after the holiday weekend and after I put together more details.... don't want to hijack this fine thread.

 "If you are not a part of the solution, there is good money to be made by prolonging the problem"

Video meliora proboque deteriora sequor

[PROFILE](#) [SEND MSG](#) [E-MAIL](#)[Back to top](#)[Report this post to a moderator](#)**Jonah** **Posted:** May 22 2008,11:39["QUOTE"](#)

I'm in.

Be great for Cobbler, Jonah, Musashi and Jeeper's1911 to then stay in contact maybe by e-mails to help each other out as we build in case any of us ran into a problem.

Maybe vrwc would jump in also with some of the more important dimensions. One in particular is the barrel hole location dimension. That looks to be a most important dim.

Wish we had a full size blueprint to trace all the cutouts and not just the ejector port. Would really get a lot easier when making the cuts on the mill with my digital readout.

Jonah

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