

**\*\*I have a new email address\*\*:**

**[t.a.fjortoft@gmail.com](mailto:t.a.fjortoft@gmail.com)**

Hi,

I have had problems in the past making enough of my 3<sup>rd</sup> generation (gen3) cheekpiece solutions for my customers. Unfortunately, some people have had to wait up to a ½ year before I had parts ready for shipping.

Please understand that I only make these TRG parts as a hobby, and most of the time I have for producing these parts is during the winter.

In 2018 I got my first 3D printer, and after a lot of learning, tuning, research, and a lot of expense, I have discovered that 3D printing is a great option for making my TRG parts.

Since 2019, I have been 3D printing recoil pad spacers, cheekpiece spacers, rearstock-hook mounted beanbag riders, safety arms, and single-shot magazines.

In the fall of 2020, I got a two-head 3D printer, and after a lot of testing and tuning I can now also offer 3D printed 3<sup>rd</sup> generation (gen3) cheekpiece solutions. Additionally, with this new 3D printer I can also use a water-soluble support, which provides an excellent surface inside the thumbwheel holes.

As a benefit to my customers, 3D printing my parts has reduced the production costs and time of the parts, and thus these new pieces are less expensive than original parts made in the old manner.

#### **New for 2022**

#### **3D printed cheekpiece solution gen 3 “Sako style” and the new bagrider V-shape**

You can see both on the first pic.





The black cheekpiece to the left is the new “Sako style” and the green one is the standard one.

Here is the new 3d printed beanbag rider in V-shape.





The new beanbag rider V-shape fit my new beanbag perfect.



### 3D printed cheekpiece solution gen3 COMFORT

This is an ergonomic solution for right hand TRG-22 shooters.



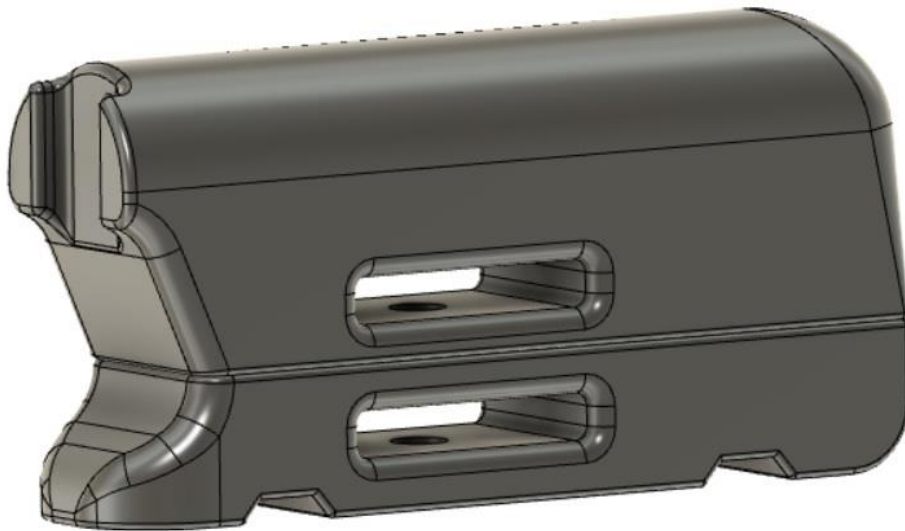
The cheekpiece on the top is the new comfort design, and the cheekpiece under is the older standard one.



## Cheekpiece solution (3D printed) for TRG-21.

TRG-22/42 is slightly different from the older TRG-21/41.

Therefore, did I have design a cheekpiece solution gen3 that fit TRG-21/41.



## Cheekpiece Solution Gen3 Machined & Painted

The gen3 machined cheekpiece solution are still available in black or TRG green. I have three different versions, but if you have a special wish, I can produce other sizes on special order.

The original cheekpiece is about 47mm high.



2021 price:

3200NOK

**Available models.**

Standard size with 35mm upper cheekpiece, that can be adjusted from 53.5 to approx. 73.5mm

Mid-size with 40mm upper cheekpiece, that can be adjusted from 58.5 to approx. 83.5mm

Large size with 45mm upper cheekpiece, that can be adjusted from 63.5 to approx. 93.5mm





Here you can see the difference from the Large size on the left, versus the standard size to the right.

Both are shown above in the Max (highest) adjusted position.

## Gen3 Cheekpiece Solution, 3D Printed

3D printing is an easier and less expensive method than original machined and painted parts. Therefore, I can now make these parts available more quickly, and sell them to you at a lower price.

I also offer these 3D parts in several colors and different materials to meet customer wishes & needs.

My two standard options are military green (very similar to the TRG green, looks more similar in real life than in the picture), and standard black.

I can produce these parts in many other colors such as red, blue, bronze, copper, silver, green, yellow, orange, and others. Please inquire if you have a special wish.

I print the parts in PET-G (same material as soda bottles) which is very durable. It does not easily scratch, and any scratches are not particularly noticeable. This holds up very well in most conditions, however, it does start to soften about 70-80 deg. C.

I also offer a different material that is stable to 115 deg. C, but that can I only make these in black.

The wheel nuts are printed in Nylon CF and are available in black only.

The glide pins will usually be delivered in stainless-steel, but on special request I can make them in black steel (stealthy).

The T-bolt can be either blued black, or stainless steel.



Like the original machined parts, the 3D printed cheekpieces come in three sizes.

*Standard* size with 35mm upper cheekpiece, that can be adjusted from 53.5 to approx. 73.5mm

*Mid* size with 40mm upper cheekpiece, that can be adjusted from 58.5 to approx. 83.5mm

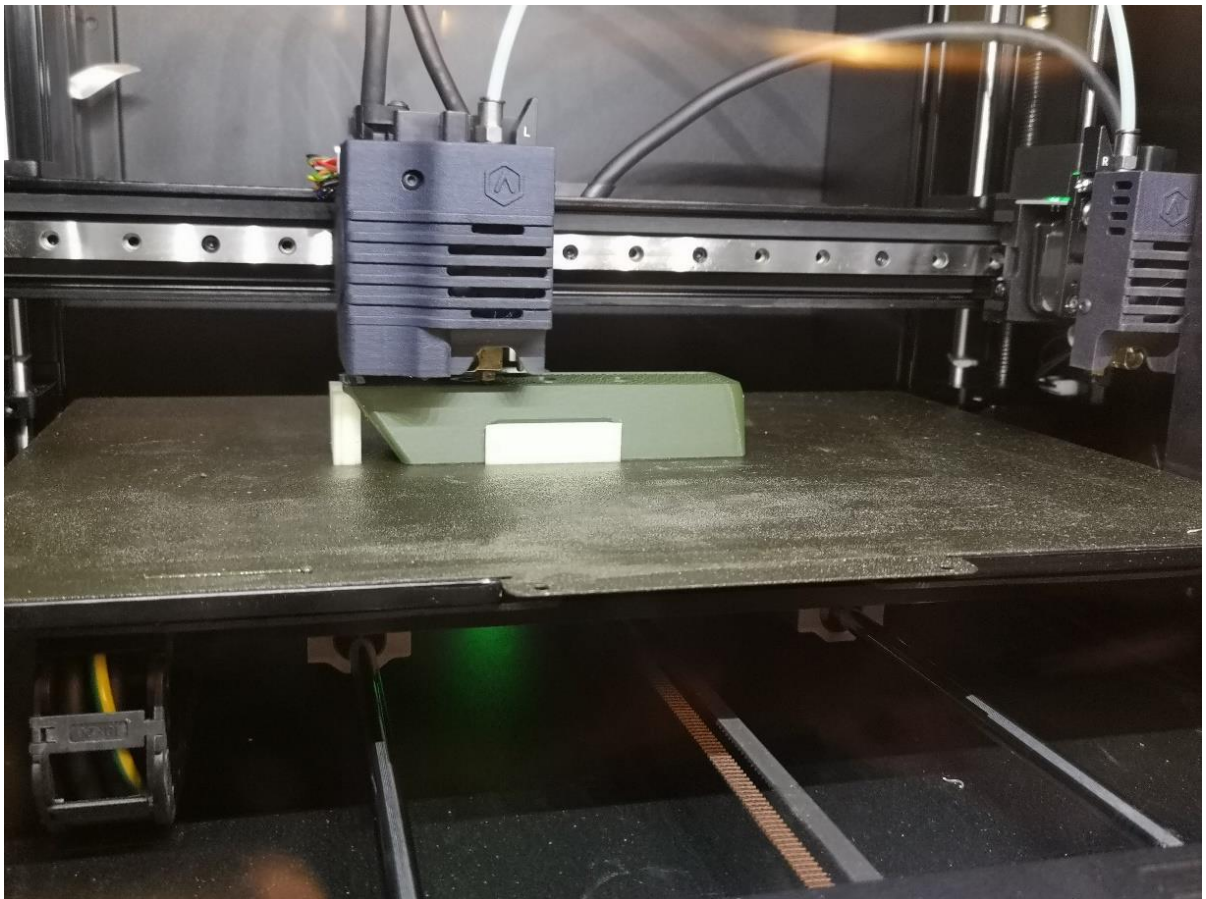
*Large* size with 45mm upper cheekpiece, that can be adjusted from 63.5 to approx. 93.5mm

Prices:

1400NOK for the gen3 cheekpiece solution, 3D printed in PET-G

1600NOK for the gen3 cheekpiece solution, 3D printed in Polymax PC.

The 3D printed cheekpiece solutions (gen3) have a different finish than the original machined/painted parts. You can see the true finishes I deliver in the pictures below.







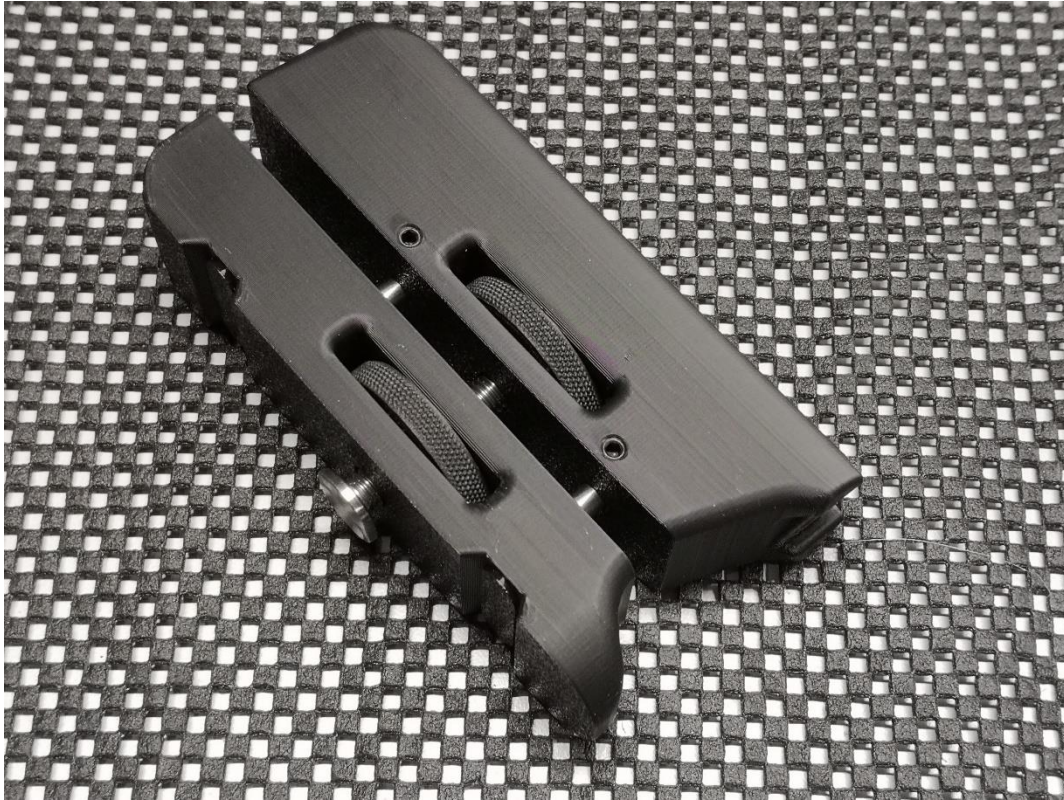


The finish below is the Polymax PC material, which is very strong and can withstand up to 115 deg. C.





This pic below is a *Mid* size TRG-21 cheekpiece printed in Greentec.



Here is a wheel-nut, 3D printed in strong Nylon CF:



## Cheekpiece Spacers with Thumbwheel

I also make cheekpiece spacers with an adjustable thumbwheel, and I make them in sizes from 10mm up to 22mm +/-.

For the TRG41/42, 10mm the biggest spacer you can use without having to do a small cutout in the cheekpiece.

Price for a set (cheekpiece spacer, thumbwheel, T-nut for 15mm or smaller spacer and bolt) is:

1300NOK for the original painted part

800NOK for the 3D printed TRG spacer in black carbon filament



The 3D printed cheekpiece spacer can be printed in many colors, but the regular colors are black carbon or green carbon (same colors as the buttstock).

## Recoil pad spacers with thumbwheel

I make a Recoil pad spacer with thumbwheel for easy toolless adjustment (longer or shorter).

They are available in sizes from 10mm to 35mm. (longer available on special request)

I usually only have black painted recoil pad spacer in stock.

Recoil pad spacers include the wheel-nut and bolts, costs are as follows:

1300NOK for the POM/Machined/painted with printed wheel-nut

1400NOK for the spacer with steel/painted wheel-nut.

800NOK for the printed recoil pad spacer with printed wheel-nut.

1000NOK for the printed recoil pad spacer with Steel/painted wheel-nut.

The new 3D printed recoil pad spacer can be made in any size, and can be ordered in green or black (see the pics for color samples)



3D printed 30mm recoil pad spacer in black/carbon look.



### **Beanbag rider**

Below is the Gen3 cheekpiece solution in green and a 3D printed 30mm recoil pad spacer, and the new 3D printed drop-in beanbag rider in green/carbon.



Above is the standard length on the beanbag rider (100mm)



Below is the Long version (130mm) of the beanbag rider printed with carbonfiber filament.



This beanbag rider design provides a larger surface area for the rear stock to rest on a beanbag or other rear stock stabilizer method.

This is a drop-in solution that requires one extra drilled hole in the rear stock.

It comes in two sizes: Standard (100mm), or Long (130mm)

I produce them in black or green colors and 2021 prices are:

600NOK for the Standard version printed in carbonfiber filament.

400NOK for the standard version printed in PET-G.

700NOK for the Long version printed in carbonfiber filament

500NOK for the Long version printed in PET-G.

## Safety-arm

Many times, I have had the problem when hunting with other rifles where I try to shoot an animal, but find I have forgotten to first set the safety to off, sometimes causing a missed shot. To solve this, I created the safety-arm extension. This is a drop-in fit for all TRG rifles made before 2013. It makes using the safety much easier, without having to first put your finger inside the trigger guard.

With a Safety-arm installed, you cannot put your finger on the trigger without first disengaging the safety.

I believe my Safety-arm design was the inspiration for Sako when they came out with their new model for 2013 onwards.



I offer Safety-arms in a 3D printed version, which is available in many colors, including these below.



Safety-arm prices:

150NOK in PET-G

200NOK in nylon CF (only available in black)

## TRG-41/42 Single-shot Magazine

New for 2021, I am making single-shot magazines for TRG-41/42 rifles.

This single-shot magazine for the TRG-42 works well with standard length cartridges, but also feeds perfectly with longer than 95mm cartridges. (Longer 300 grain bullets seated to the rifling.)

This works well with 300win. Mag too.



Prices:

400NOK in PET-G/CPE 100

450NOK in Polymax PC.

## TRG-21/22 Single-shot Magazines

I had customer with a problem feeding single cartridges with long bullets on his 6.5cm TRG.

I designed a single-shot magazine, which works great and has gotten excellent feedback. The pictures below are in in blue and black, but I can print these out in many colors upon request.





Price:

350NOK



Some colors I offer:

Left to Right

1. Red hood
2. RED
3. Red easy (almost pink)
4. Clear (almost white)
5. Neon orange
6. Black

(availability subject to change due to global supply issues)

**Current product shipping prices:**

Royal mail without tracking	85-160NOK
Royal mail with tracking	350-410NOK
Royal mail with tracking (USA)	425NOK
Royal mail with tracking (Sweden)	370NOK
DHL with tracking & custom's taxes	700-900NOK

I can usually make your 3D printed parts quickly and I often have some original painted parts in stock.

If you want the complete adjustable gen3 cheekpiece solution, I can put you on the waiting list and send you an email when your parts ready, however, I cannot guarantee when I will have them in stock.

**TO ORDER**

Please provide your complete shipping address, including name, address, country, email, phone number, rifle year, and rifle color. The year of your rifle is important because I must know if it has the new, or old, recoil pad on the rifle. The updated version came out in 2013.

I prefer to use PayPal, and my PayPal address is [t.a.fjortoft@gmail.com](mailto:t.a.fjortoft@gmail.com).

My old email of [terje@torva.net](mailto:terje@torva.net) is no longer valid.

THANK YOU FOR YOUR INTEREST.

Best Regards,

Terje Andre Fjortoft