For tactical purposes during the usage of the firearm and for being able to practice shooting and test fire in environments in which you need to be quiet, you might consider the use of a suppressor.

There are a multitude of suppressor options that can be freely bought and only need minor modification for use with your firearm.

They key issue that you will face with your FGC-9 is how to attach your suppressor to your barrel.

At the moment you have effectively two methods of attaching a suppressor to you FGC-9.

One will only require you to purchase an adapter that will let you attach the suppressor while the other option is more involved and will require access to a lathe.

Going with the more advanced option has the benefit of keeping the length of your suppressed setup as short as possible, as well as making sure that the suppressor is securely attached to your firearm.

A suppressed setup with the adapter will require caution during use, as the adapter and thus suppressor might get knocked off your barrel.

1. Adapter option:

Buy this exact 1/2x28" adapter that allows you to mount it to 16mm OD barrels: https://s.click.aliexpress.com/e/_9Htb5N (For 16mm Barrel)

NOTE: YOU WILL NEED TO DRILL THE INSIDE OF THE ADAPTER TO AN INNER DIAMETER OF 9mm with your 9mm drill bit !!!

- It is attached to your FGC-9 barrel via two set screws that you will tighten with the included Allen key
- There are a multitude of similar adapters on AliExpress but only the one shown in the picture will fit with your barrel
- In case this adapter is not available anymore, refer to the Deterrence Dispensed community for alternatives

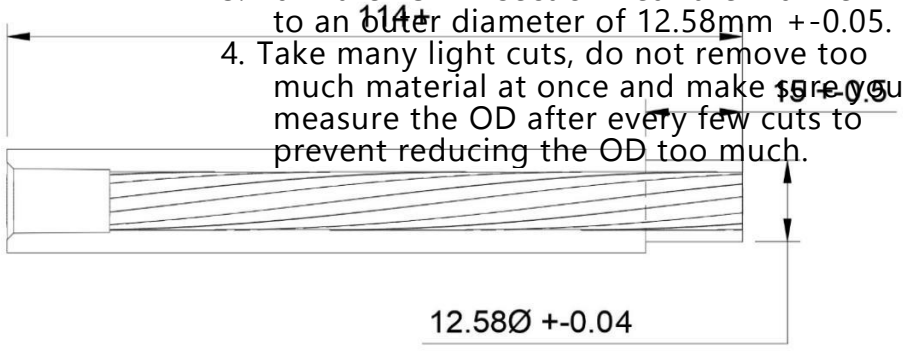
2. Robust and more compact option:

- Buy a mini lathe such as the SIEG C2 or a 7” x 14” Mini Lathe
  Example Link
- Buy a MT2 / MK2 live center tool
  Example Link
- Buy a 8x8mm carbide tool holder and compatible carbide inserts (CCMT060204)
  Example Link
- Buy a Thread Alignment Tool (TAT) for 1/2" x 28 thread for use with 9mm
  Example Link 1 Example Link 2
- Buy a 1/2" x 28 thread die that has an outer diameter of 1.5” / 38mm
  Example Link 1 Example Link 2
- Buy an adjustable die holder for use with 1.5” / 38mm OD dies
  Example Link 1 Example Link 2

NOTE: Do not install your shaft collars onto the barrel until you have completed the muzzle thread cutting process.

Reducing the last 15mm section on your barrel to an OD of 12.58mm with the lathe:

1. Set up your lathe with the live center and one of your carbide tools.
2. Insert the chamber end of the barrel into the chuck and have the muzzle butt against the live center mounted in the tailstock of your lathe.
3. Turn the 15mm section near the muzzle to an outer diameter of 12.58mm +-0.05.
4. Take many light cuts, do not remove too much material at once and make sure you measure the OD after every few cuts to prevent reducing the OD too much.



Cutting the muzzle thread with your threading die and TAT tool:

1. Screw the TAT about 4-5 threads into the back of the die with the pilot sticking out in front.

2. Insert die and TAT into handle, preferably lettered towards you and aligning at least one of the tightening screws in the handle with the divots in the die OD.

3. Secure the barrel vertically in a padded vise.

4. Apply a good cutting fluid/oil to the die teeth and start cutting.

It will take a little bit of vertical downward pressure to get started. Apply even downward pressure and rotate the die slowly.

5. Repeatedly advance the die about 1/8 turn, then back it off to break up the shaving (chips).

Do not allow the face of the TAT to ever reach the barrel face.

This could strip the teeth out, possibly damaging the TAT and ruining the few threads that you have cut on the barrel.

6. Once you have cut about 4-5 threads remove the TAT tool.

7. Resume threading as above, breaking the chips and applying cutting fluid as you go.

Suppressor selection:

There are two kinds of suppressors you have access to.

One are the so called monocore suppressor and the kind that have multiple cups and a spacer inside.

Monocore suppressors that you can buy offer the advantage that you don't need to drill cups but the monocore suppressor that are available have bores with diameters of around 12mm. The smaller the bore of a suppressor is the more effective at suppression it will be.

The suppressor that come with cups will require you to drill through the cups with a 10.5mm drill bit.

Thus these monocore suppressors are less effective at suppressing the sound of your shots.

Note that any suppressor choice will need to have an outer diameter of at least 1.2 inch, as those that are slimmer in diameter tend to be not suited to the pressures created by the 9x19mm cartridge.

When it comes to length, the longer the suppressor is, the more effective at sound suppression it will be. A longer suppressor will become an issue though when handling your firearm inside buildings.

Cup Suppressor – 10 inch

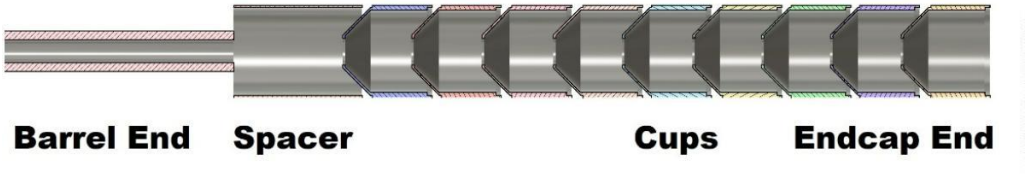
Current recommended sources:

https://s.click.aliexpress.com/e/_Ag9LWB

https://s.click.aliexpress.com/e/_ASMNRh

NOTE: You will need to drill open all cups as well as the endcap with a 10.5mm drill bit. Make sure that you drill perfectly through the center.

How to stack the spacer and cups:



Note: Drill cups and endcap open with a 10.5mm Drill Bit

https://s.click.aliexpress.com/e/_A4kOht (Choose:.223)

Monocore Supressor – 6 inch

Current recommended sources:
https://s.click.aliexpress.com/e/_9hUOUf

https://s.click.aliexpress.com/e/_9gl9Y3

NOTE: You will need to drill open the endcap with a 10.5mm drill bit. Make sure that you drill perfectly through the center.

Monocore Supressor – 10 inch

Current recommended sources:
https://s.click.aliexpress.com/e/_ApnSLV

https://s.click.aliexpress.com/e/_AmXQjH

NOTE: You will need to drill open the endcap with a 10.5mm drill bit. Make sure that you drill perfectly through the center.

Recommended: To increase the suppression effect of your suppressors cut out an appropriately size disc out of a 3mm sheet of "Polyurethan sheet PU90° Shore" and insert it into the endcap. Cut the disc just slightly larger than the inner diameter of the inside of the endcap to push it in to have it stay stuck inside. After the first shot, your bullet will create its own exit hole.
Make sure you don't use any hollow point bullets for the first few shots.
If you can't assemble your suppressor this way, sand the last cup / the monocore
shorter until the suppressor can be assembled.

If you cut threads into your barrel with the "lathe+die" option, consider:

Muzzle thread protector (15mm length)
Example links:
https://s.click.aliexpress.com/e/_ATD4r5