



Coffee Grinder Fitting / Assembly Guide

The Prokraft Coffee grinder kit has been chosen primarily as a functioning and effective coffee grinder. We felt the choice of this model gives a far better ground coffee than other more decorative models available. It can be finely adjusted and set to give consistent ground coffee.

The grinder kit can be mounted on a wide variety of containers and boxes, we cannot provide instructions for these but below we will explain the dimensions required for fitting effectively.

Your coffee grinder container requires a lid made at least 35mm thick, you may want to make the whole container first and then assemble into the lid or vice versa.

NB: The distance between the bottom of the burr assembly and the top where the dome screws onto should be a maximum of 35mm to allow enough exposed thread at the top to allow for grind adjustment

Please read this guide FULLY before making and assembling, having a trial run assembling the parts beforehand will assist your understanding of how they fit together and will help in the final finished assembly process.

The coffee grinder kit parts are as below:



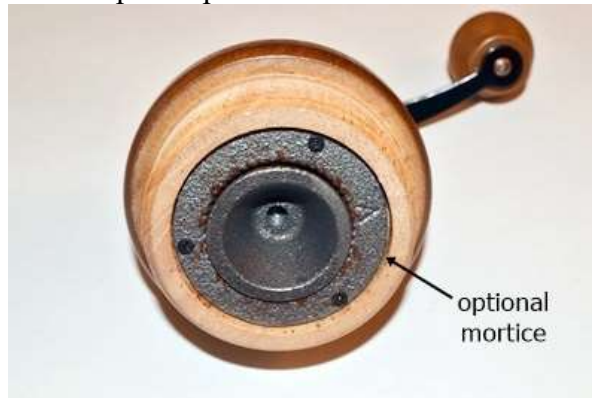
1] We recommend the grinder be fitted to a suitable box top or turned top with a minimum depth of 35mm

2] The grinder outer burr is a tapered part, it requires an aperture of 38mm at the top and 42mm at the base. It is important that there is the best fit at the top to stop any beans falling between the top

and outer burr – they need to fall inside the outer burr (see pic below)



3] There is the option of creating a mortice to house the bottom section of the outer burr, this needs to be 54mm diameter and 5mm deep. See pic below



The making of the top section is fairly straightforward on a lathe as the outer burr part can be used while turning to gauge the fit accurately.

4] Once the top has the correct aperture the kit can be assembled following the steps below:

ASSEMBLY

a] Insert the outer burr into your top section, mark the screw holes and drill a pilot hole (1.5mm) at each marking. Push the outer burr into place and screw in to secure .

b] Assemble the inner burr, bean agitator and shaft together. NB: the shaft has a flat part which is the top – do NOT screw the inner burr onto this. Push the bean agitator onto the bottom of the shaft (pointed parts upwards) and screw on the inner burr. See pic below:



c] Once assembled push the inner burr and shaft up through the outer burr/box lid and set it on a flat surface

d] Take the dome hopper and drop it over the shaft, ensure it is sitting level & centrally on the lid, mark the screw holes, drill the pilot holes as above and screw into place

With the shaft protruding from the top of the lid you are now ready for the final assembly:

e] Drop the washer onto the shaft and then screw on the grind adjuster so the inner and outer burrs can rotate freely – do NOT overtighten or you may damage the burrs when turning

f] Drop the grind set plate over the shaft and locate so it prevents the grind adjuster from moving

g] Drop the grinder handle over the shaft and then secure the whole mechanism with the top knob.

The mechanism & lid can now be placed onto the box base and the grind adjusted to prepare your coffee beans just how you like them.

The parts can be disassembled for cleaning if required, we recommend using a dry brush for cleaning. If the parts need to be washed ensure they are dried as thoroughly and quickly as possible to avoid any rust forming on bare metal parts.

We wish you many happy and enjoyable cups of coffee.