

The GUIU DOPPER

USER INSTRUCTION

Order Codes: 1746.X & 1747.X

1.0 INTRODUCTION

The GUIU DOPPER provides a means of controlled centralized dopping. You use it with your standard Transfer Fixture. You can align the stone in a central position relative to the Dop and affix the stone in that position with certainty. This assists in obtaining maximum material yield. You can use whatever technique to affix the stone that you prefer—hot dopping or cold dopping.

There are two “types” of Guiu Dopper - round-nest (4-directional) and emerald-nest (2-directional) - and two sizes (standard and large):

1746.1 Standard Size - Round - holds rough up to 17.5mm (0.7 inches)

1746.2 Standard Size - Emerald - holds rough up to 16mm (0.6 inches) wide.

1747.1 Large Size - Round - holds rough up to 25mm (1 inch)

1747.2 Large Size - Emerald - holds rough up to 22 mm (0.9 inches) wide.

2.0 In the package...



In addition to the Guiu Dopper (or two Guiu Doppers if you got the Round/Emerald Set), there is an Aluminum Pencil and a brass Centerpoint Guide.

Notice that we have not supplied wrenches or screw drivers - do not use them with the Guiu Dopper. All adjustments and tightenings are by hand.

3.0 Examine the Guiu Dopper...



You will see that the outer Barrel can be rotated (you may have to loosen the nylon screw - it is only hand tight). The affect of that Barrel rotation is to raise or lower the “floor” - the bottom support for the gem rough.

You will see that the four Adjusting Screws (or two, if you are looking at the emerald design) can be hand manipulated

4.0 Using the Guiu Dopper - the sequence...



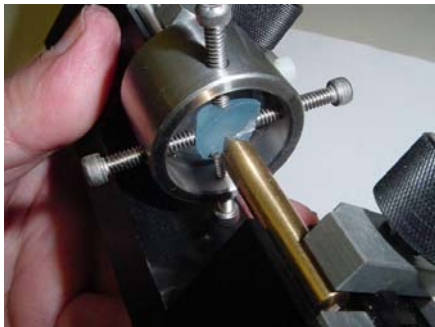
You have examined your rough and identified where the Table is to be (more than likely, you have ground that preliminary table onto the rough).

With the Aluminum Pencil, you mark the spot you want the center of your dop to be - make a dot •, or a small ✕ .



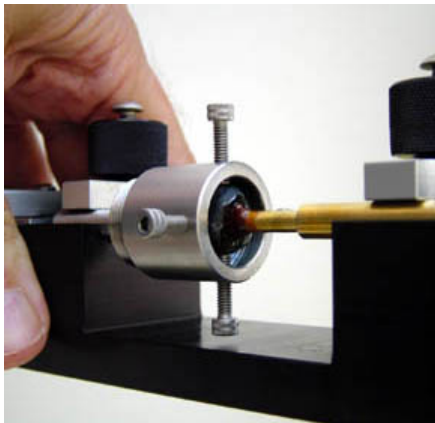
Set the rough into position - manipulate the floor position and the four Adjusting Screws to grip the gem rough. "Eyeball" it into position. The fine adjustment will happen later.

When you have found the right floor position. lock the Barrel there. Use the Nylon screw - hand tight.

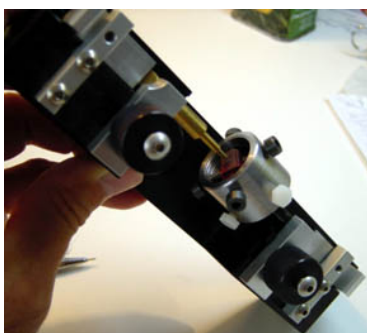


Set the loaded Guiu Dopper into one side of your Transfer Fixture. Set the Centerpoint Guide into the other side of your Transfer fixture.

Manipulating the Adjustment Screws, micro-position the rough—line up the dot • (or the ✕) with the point of Centerpoint Guide—it can be set very precisely.



When it is aligned, replace the Centerpoint Guide with the Dop you want to use and apply whatever dopping technique you prefer.



That's it. There's no more wondering if you should redop the stone to try to position it better, since you achieved the optimum position the first time.