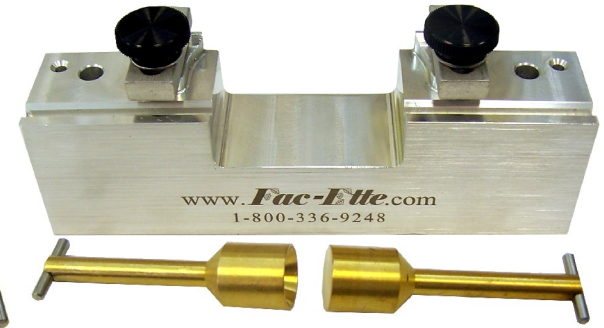




The Universal Transfer Tool (shown above) comes standard with the GemMaster II or can be purchased separately. It's top is machined to ensure a flat surface for keyed transfers. It's groove is the proper depth for an industry standard 1/4" dop with or without a key. It has two clamps that reach over the dop and hold it in place for accurate transfers. It also has two holes made to hold 1/4" dops and two holes to hold the 1/8" dowel pins for the GemMaster II keyed dop system.



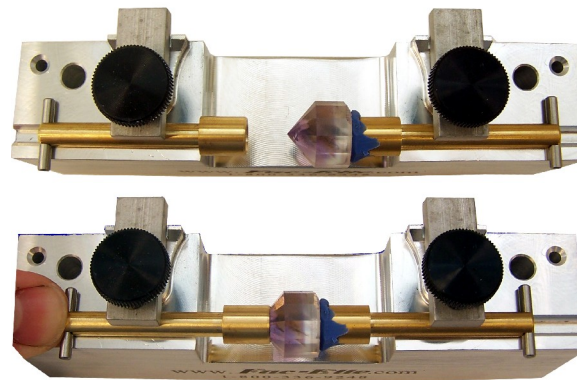
Here we see the dops and dowel pins removed from the Universal Transfer Tool. Again the UTT can be used with or without a key system. We are going to illustrate how the UTT is used in a horizontal position using the keyed system from the GemMaster II.



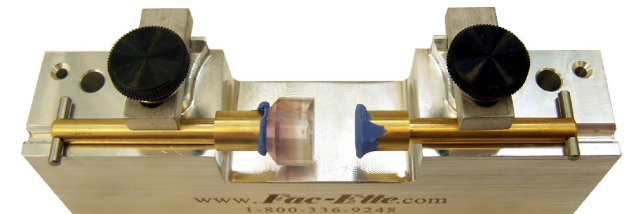
The 1/4" dop with the GemMaster II has an 1/8" key in the bottom. This allows for accurate transfer with little or no need for adjusting the offset index (often referred to as the cheater.) The 1/8" dowel pin should fit tightly in the key of the dop. Try and get the dowel pin centered as much as possible to ensure the greatest travel and alignment of the UTT.



Slide the dop under the clamps with the dowel pin resting on the top of the UTT (shown above). Then adjust the clamp to hold the dop in the desired position. During dopping or transfer you may want to slide the dop as far back as possible to allow more room to work.



During transfer move the stone toward the middle of the UTT and tighten the clamp where it is locked into position. Loosen the other clamp and slowly push the dop until it is into your desired location, and then lock the clamp and adhere the stone to the dop.



The UTT is easy to use for wax or epoxy dopping. We think Criss Morgan from Port Allen, LA. says it best: "Its ease of use, accuracy, and low cost make it a tool **every** faceter should have on his or her bench. It is rugged, and dependable, and made perfect transfers on every stone I cut with it. I now consider it a valuable asset to my gemstone cutting."