

8.1 Bezel Setting



fig. 8.2

- 1** Bezel settings for angular stones don't need to be difficult. Providing a few simple steps are followed, they are much easier to make using welding, than using traditional methods.

The outer frame is made in the usual way, using two "L-shaped" parts; rather than being soldered, these pieces are simply tacked using a few welds, to hold them in the correct position.

(fig. 8.1 & fig. 8.2)

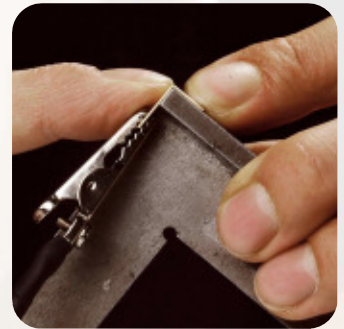


fig. 8.1

- 2** Place the stone face-down on a clean and even surface and place the "L-shaped" frame parts around it.

Sometimes during welding, a small amount of soot may occur. For this reason, it is advisable to put a small piece of paper over the stone for to protect it.

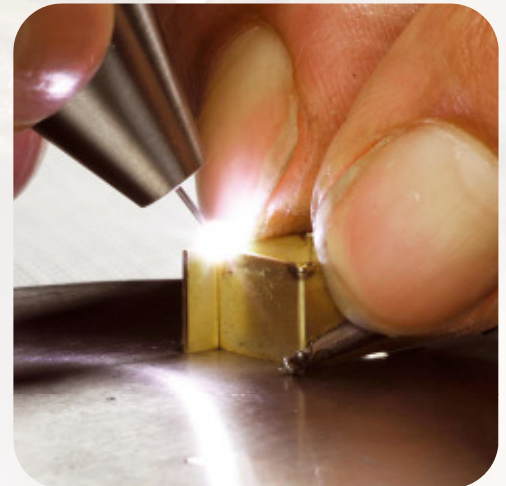


fig. 8.3



fig. 8.4

- 3** Always place the welds on the underside, or in areas which can be easily cleaned and polished later.

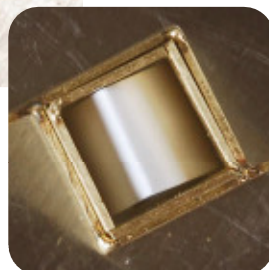


fig. 8.6



fig. 8.5

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- 4** The inside frame can also be easily welded and mounted. First two more "L-shaped" frame parts are tacked together and then sized so that they fit into the exterior setting, as shown in the adjacent picture.

Next, the inside frame is slotted in and positioned so that it rests on the back of the stone; this will lessen the amount of time necessary for adjustment later on. Now the inside frame can be tacked to the exterior setting.

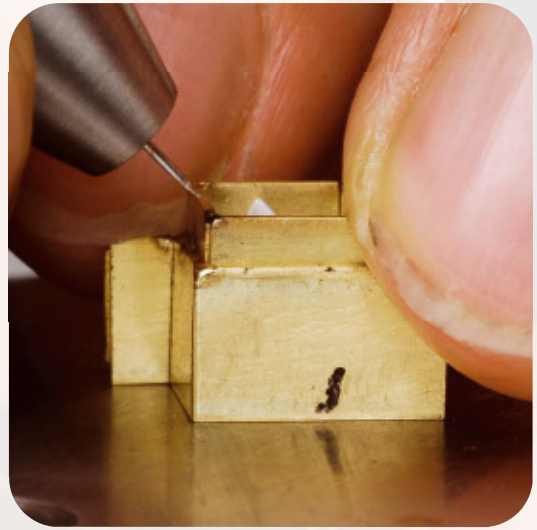


fig. 8.6



fig. 8.7

- 5** Now the setting is ready for soldering. Everything is in the correct position and nothing can move anymore or slip out of place.



fig. 8.8

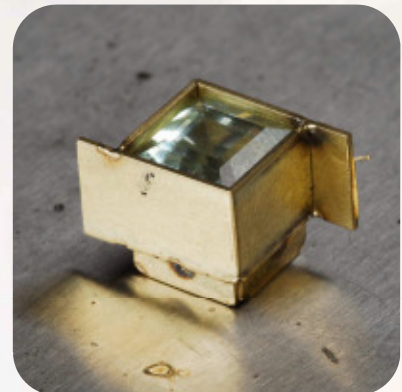


fig. 8.9



fig. 8.10

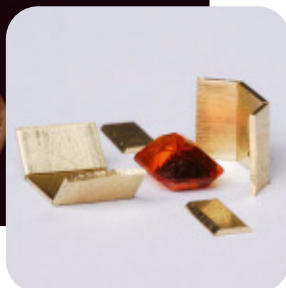


fig. 8.11

- 6** Settings for octagonal stones can also easily be made using the same method. The outside frame (setting), is made up of two side parts and two small front and / or back pieces, which only need to be adjusted to the length of the side facet.

The metal supporting plates for the stone can also be precisely positioned and easily fitted. Tack these with two welds each so that they cannot slip out of place.