

This issue is a milestone in our publication efforts. It marks the first extensive use of the HP7225A plotter to make the drawings. Three of the four designs shown in this issue were drawn by the computer/plotter directly from the calculated coordinates, the other was drawn by the manual methods in use up to now. If you have difficulty telling which is which it means I am beginning to get the feel of the new equipment. If the difference is obvious, well we always hope to improve. Til now the hundreds of drawings I have made for INDEX TO FACET DESIGNS, SEATTLE FACETOR DESIGN NOTES, and four Volumes of FACET DESIGN have been done by manual methods using drawing board, T-square, adjustable triangle, pen and ink, and various hand held calculators such as HP-45, HP-29, HP-67, HP-97, TI-59, HP-41C and the TRS-80 Hand Held Computer. Now with the aid of the HP-85 computer and the HP7225A plotter the work can be done much faster.

In November 1981 we released FACET DESIGN Volume 4 CUT CORNER RECTANGLE / EMERALD and we are now working on FACET DESIGN Volume 5 which deals with the largest category of all the ROUND stones. Already there is nearly 300 drawings in the INDEX section of Volume 5. The computer/plotter comes a little late for most of them, but at the rate ROUND stones appear in the literature we may yet have a chance to get good use out of the new equipment.

Facet Design Volume 4 was delayed several times because we had too many new designs and articles to fit into the space dictated by printing and mailing costs. In its final form there are 70 references to the literature, 19 specific Cut Corner Rectangle designs complete with three view drawings and detailed cutting instructions. The big space saver idea came in putting some of the information into Tables. There are 9000 different designs covered in the Tables. No we have not made drawings of all 9000, nor have we succeeded in finding the time to cut all of them. But we have cut many of them, and verified the calculations on all of them. Both Robert Long and myself would appreciate feedback from you...Which designs worked out the nicest?...Can you think of easier cutting methods?... In the INDEX TO FACET DESIGN section did we miss a published design that you know about? ...What faceting problems would you like us to consider in future volumes? We would very much like to ~~hear~~ from our readers. Even if they do not want to buy books or subscribe to the notes.

Send comments to:

SEATTLE FACETING BOOKS
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It is also RENEWAL time again. If you want to continue to receive SEATTLE FACETOR DESIGN NOTES, clip the renewal notice on the other side of this page and send it along with your \$5.00 to the address given above. If you do not want to renew send a note along anyway and tell us where we went wrong or could improve.

If you had not already guessed, the one hand drawn design is 1.277 Negative Star which appears on page 4.