## Compound Indexing using the Smith Indexer

Step 1 Find the divisions need on the chart in this case 77 Divisions

Step 2 Install the dividing plate in this case it is B (2)

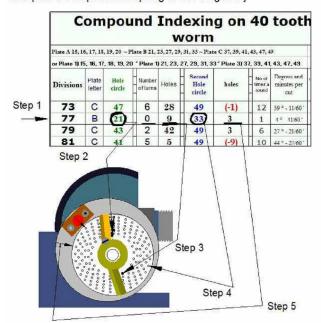
Step 3 Set the Sector Arm at 9 holes

Step 4 Find the second hole circle need.

Step 5 Make mark on the Smith Indexer for the second hole circle for indexing in this case it is 3 holes to move forward in this case 3 holes.

{ note some division will need to go backward in this chart displayed in (-##)}

{ Note all indexing need the Sector Arm Spring/retaining clip this holes the sector arm for sliding. Replace if you missing this part a compression spring is not as good }



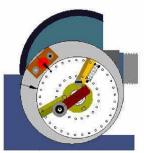
Always test your setup be for making the first cut. Take the blank and place a mark at ever cut by using the Dividing head. This will take little time to do but no one wants a 1#2 tooth on the last cut do any errors.



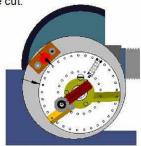
First indexing

Pull out the index neelde and Move the Hand Crank to the next location on the Sector Arm Push in the index neel.

2) Place a pin or mark the index plate where marks on the Smith indexer



2) Next Push/unlock in the Smith Indexer pin and rotate the index plate using the Hand crank Do not pull out the index needle line up the pin/mark with Smith Indexer pointer. Pull out/ locking the Smith Indexer needle and lock the Index head for the cut.



3) Reset the Sector Arm and move pin/mark

## **How to use a Compound Indexer**