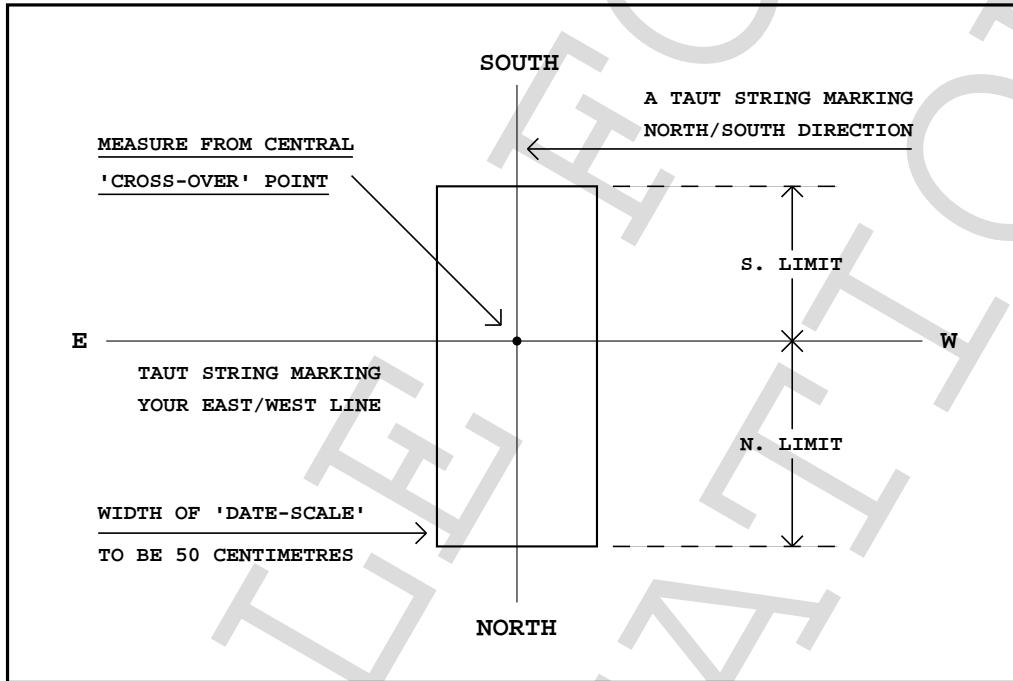


- (4). THE '**DATE-SCALE**' CAN NOW BE MARKED-OUT BY USING THE FOLLOWING METHOD, PLUS REFERRING TO THE DIAGRAM AND MEASUREMENTS IN THE TABLE BELOW IT.
- (a). FROM THE CROSS-OVER POINT OF YOUR TWO STRINGS, MEASURE NORTHWARD TO THE '**N.Limit**' THEN SOUTHWARD TO THE '**S.Limit**'. MARK THESE TWO POINTS WITH SMALL PEGS (OR SIMILAR). THE EAST/WEST WIDTH OF YOUR 'DATE-SCALE' SHOULD BE QUITE NARROW, AND WE WOULD RECOMMEND ABOUT FIFTY CENTIMETRES; (25 CENTIMETRES ON EACH SIDE OF THE N/S LINE). YOU SHOULD NOW HAVE BOTH A LENGTH AND WIDTH FOR THE 'DATE-SCALE'.
- (b). FOR THE DIVIDING-LINES, BETWEEN MONTHS, 'POSITIVE' DISTANCES ARE MEASURED SOUTHWARD FROM THE CENTRE POINT, AND NEGATIVE NORTHWARD. (ALSO SEE THE ENLARGED PLAN OF YOUR DATE-SCALE, SHOWN ON PAGE 6).



<u>DATE</u>	<u>DIST. (N/S)</u>	<u>DATE</u>	<u>DIST. (N/S)</u>
<u>S. Limit</u>	+0.78	<u>N. Limit</u>	-1.04
1st Feb.	+0.56	1st Aug.	-0.79
1st Mar.	+0.25	1st Sep.	-0.36
1st Apr.	-0.18	1st Oct.	+0.12
1st May	-0.64	1st Nov.	+0.46
1st June	-0.97	1st Dec.	+0.72

- (5). THE DOUBLE RING OF **HOURL-MARKERS** CAN NOW ALSO BE SET-OUT, BY REFERRING TO THE DIAGRAM, MEASUREMENTS AND 'DISTANCE' VALUES, ON THE NEXT PAGE. (IN ORDER TO USE A SIMPLE YET ACCURATE METHOD, MEASUREMENTS HAVE BEEN BASED ON A 'GRID' SYSTEM, AS THE RINGS ARE **ELLIPTICAL**, NOT CIRCULAR). EACH HOUR-POINT (SHOWN IN LEFT-HAND COLUMN) HAS BEEN ALLOCATED BOTH A 'HORIZONTAL' (EAST/WEST) PLUS A 'VERTICAL' (NORTH/SOUTH) MEASUREMENT.
- (a). STARTING WITH THE INNER (D.S.T.) RING, MEASURE EACH 'HORIZONTAL' DISTANCE EAST/WEST FROM THE CENTRE POINT, (EASTWARD IF NEGATIVE). NOW MEASURE ITS RELEVANT 'VERTICAL' DISTANCE, **PARALLEL TO THE N/S LINE** (NORTHWARD IF NEGATIVE). AFTER LOCATING THE HOUR-POINT, PUT A MARKER AT THAT POSITION, BEFORE MOVING TO YOUR NEXT HOUR-POINT.
- (b). FOR A DOUBLE-CHECK, THE COLUMN HEADED 'DISTANCE' GIVES A CORRECT MEASUREMENT FROM THE CENTRAL POINT, TO EACH OF YOUR HOUR-MARKERS.
- (c). **MAKE YOUR 'STANDARD' RING IN JUST THE SAME WAY.** (AS YET ANOTHER CHECK FOR ACCURACY, YOU SHOULD FIND THAT IF A STRING IS STRETCHED BETWEEN THE CENTRE POINT AND ANY 'STANDARD' HOUR-POINT, IT PASSES EXACTLY OVER ONE OF YOUR PREVIOUSLY MARKED 'D.S.T.' HOUR-POINTS).