

- A ANGLE BETWEEN THE HOLES
- N NUMBER OF HOLES
- D ENCLOSING DIAMETER
- d DRILL DIAMETER
- PCD PCD ON WHICH HOLES ARE TO BE DRILLED

DRILLING TOUCHING HOLES IN AN ENCLOSING DIAMETER.

SK. 3

ANGLE "A" CAN BE WORKED OUT FROM THE FORMULA

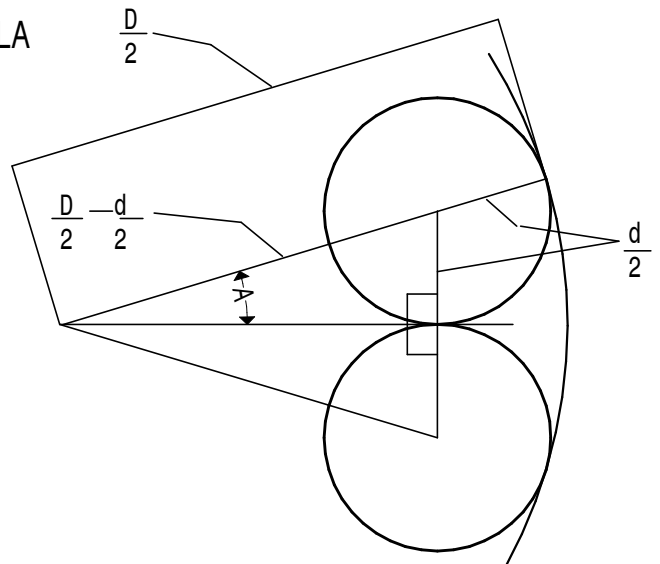
$$\text{SIN } A = \frac{\frac{d}{2}}{\frac{D}{2} - \frac{d}{2}}$$

WHERE

D EQUALS THE OUTER DIAMETER OF THE SLOT
 d EQUALS THE SLOT WIDTH / DRILL DIAMETER

ANGLE BETWEEN HOLES WILL BE EQUAL TO 2 X A

DRILLING TOUCHING HOLES FOR A CURVED SLOT.



SK. 4