**MILL SETTING DOCUMENTATION**

**Inputs:**

Tch

Roller od (top,feed,disch)

Dia(4) calculated from pcd

**Default values:**

Fib%=0.125

n=3.142 (pie)

L=1.85

Trash ratio=1.7

N=4.5

Groove depth={{46,76,58},{46,76,58},{27,44.5,30},{22,31,22}}

Fibre index={480,640,752,880}

Mill ratio={2.00,2.10,2.15,2.22}

Lift mm={8,7,6,6}

Groove depth

**Formulas:**

Weight of cane = tch1\*tch2/tch3

Dia=d1,d2,d3,d4

Work opening = weight of cane \* fibre% / ( n \* dia \* L \* N \* fibre index )\*1000

Feed work opening= work opening \* mill ratio

Trash opening = feed work opening \* trash ratio

Dis= work opening – lift mm

Setting feed = feed work opening – lift mm

Trash = trash opening – lift mm

**COMMON OUTPUT:**

Roller pcd(3values) (avg)

**OUTPUT:**

**Setting:**

**Round to near int,**

Feed= setting feed

Dis=dis

Trash= trash