



Timing belt 2mm pitch

Pulley z=20

Stepper 200 steps/rev

driver microstepping 1/16

1 motor rev = 20*2 = 40mm (1.575")

1mm slider movement = 200/40 = 5 motor steps (= 5*16=80 driver steps)

Spindle 2mm pitch

Spindle pitch = 2mm

Stepper 200 steps/rev

driver microstepping 1/16

1 motor rev = 1*2 = 2mm (0.0787")

1mm slider movement = 200/2 = 100 motor steps (= 100*16=1600 driver steps)