1. **Wood**

Youngs = 9e9f

Rho = 2.7e3f

Alpha = 0.05f;

Beta = 1.45e-10f;

Thickness = 0.1

float Beta = 1.45e-10f;

float Alpha = 0.05f; //rayleigh damping

1. **Hollowed Wooden Things**

Youngs = 9e9f

Rho = 2.7e3f

Alpha = 0.0040

Beta = 0.000000000023

Thickness = 0.1

//Falling

float Beta = 0.000000000023f;

float Alpha = 0.0040f; //rayleigh damping, metal

1. **Aluminum**

Youngs = 9e9f (Clicking

Rho = 2.7e3f

Alpha = 0.000020

Beta = 0.00000000002

Thickness = 1

Youngs = 9e9f

Rho = 2.7e3f

Alpha = 0.000080 (Falling)

Beta = 0.00000000002

Thickness = 1

1. **Plastic**

Youngs = 9e9f

Rho = 2.7e3f

Alpha = 0.05f

Beta = 1.45e-10f

Thickness = 1