

Degrader

The two degrader wheels are screw shaped. When one wheel is rotated cw by an angle of φ the other is rotating ccw by the same amount, i.e. the two wheels rotate by an angle of 2φ with respect to each other. The slope is $0.07\text{mm}/^\circ$ for both together.

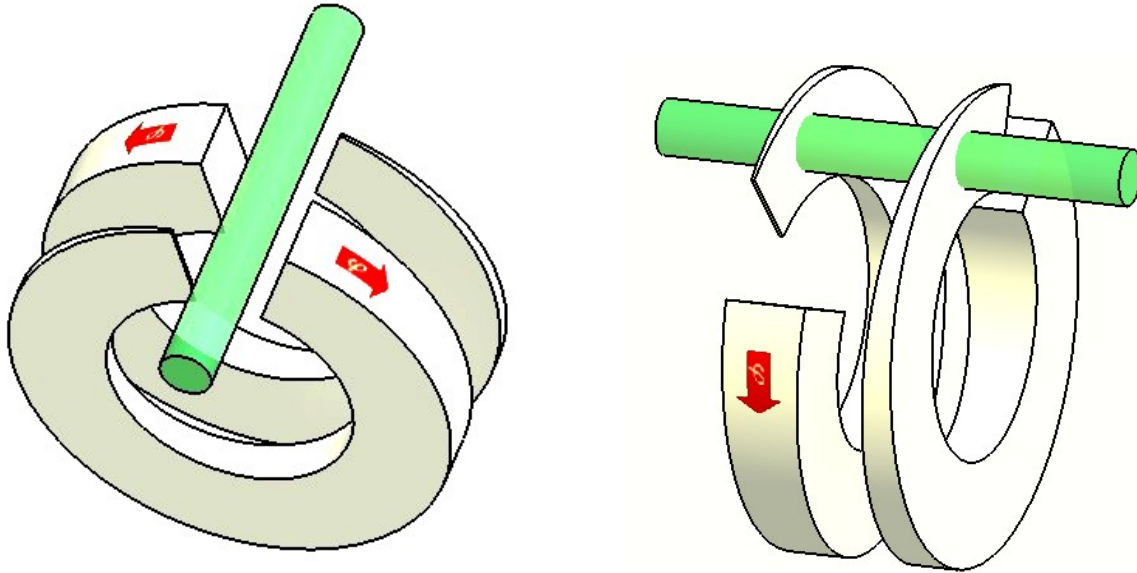


Figure 1: Degrader at zero position $\varphi=0$ (left) and at $\varphi>0$ (right).

The degrader thickness d at an angle φ is $d = 0.07 \cdot \varphi$

