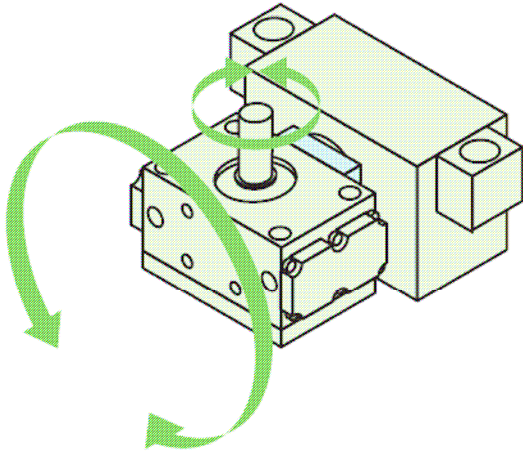


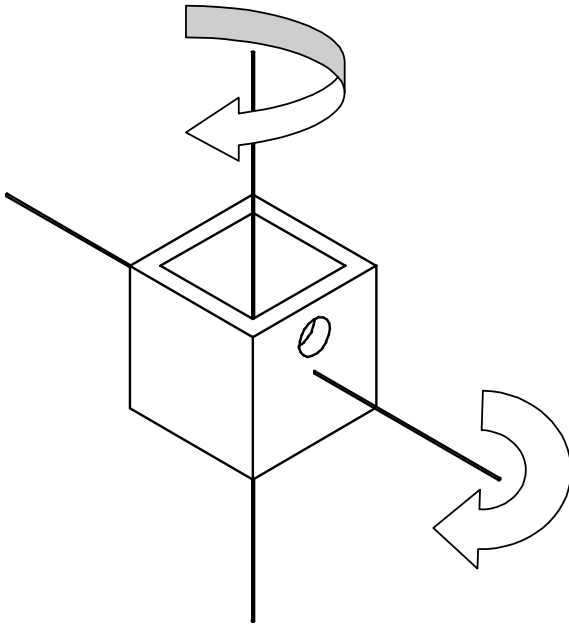
Application Spotlight "Two Rotary Motions from One Rotary"

A few times a year, an application comes in to PHD Application Engineering for a rotary mounted to a rotary to provide rotation of a part on two axis. While we offer hubs and transition plates to assist in this mounting, we are typically able to complete the rotation with just one rotary.

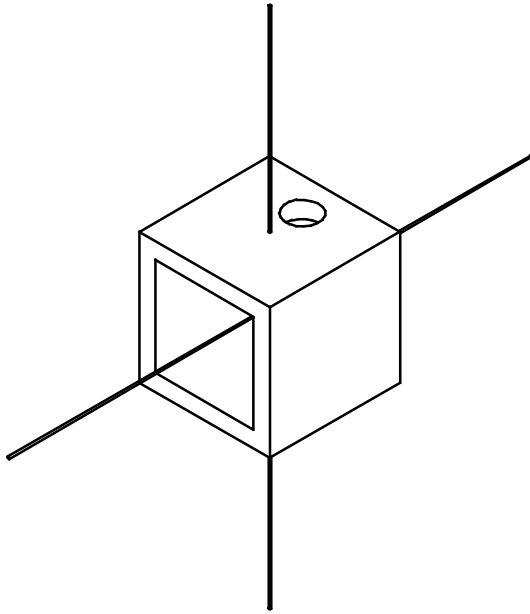


The key to performing this motion is 90 degrees. If two axis are rotated 90° each, such as shown below, one rotary mounted at a 45° offset could be your solution.

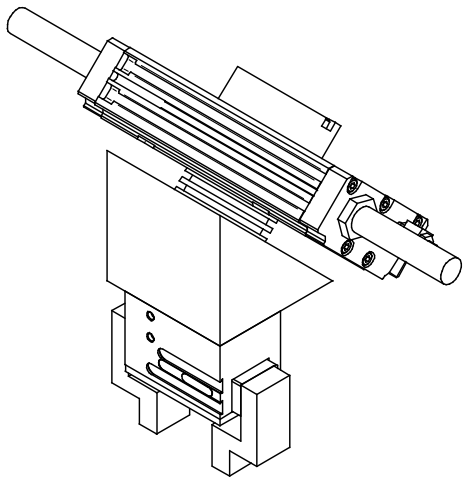
Original Part Position



Desired Part Position



Solution



Mounting one 180° rotary at a 45° angle from true horizontal or vertical plane allows for simultaneous axial rotation. This solution saves all around. Please click on the animation within the newsletter to see a working example of this application.