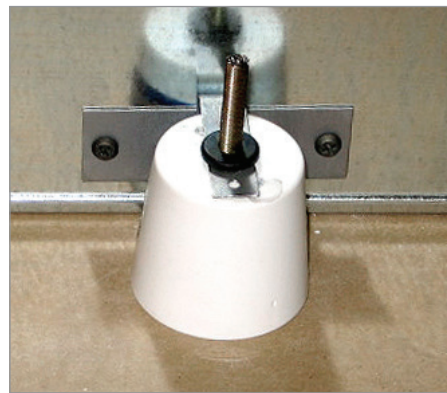


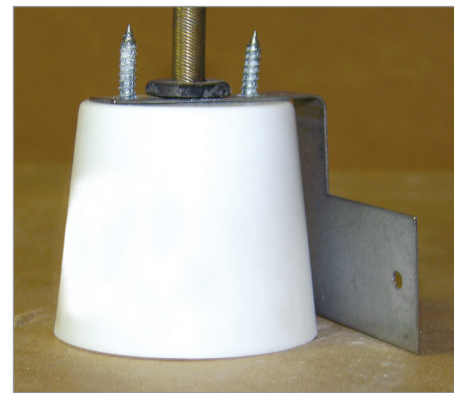
RT-CCR Round Ceiling Cup Installation Instructions

Roto-Twist® cable actuated damper drive system. Used for cable termination in a wall or ceiling.

1. Attach worm gear to the shaft of the RT-200/250 or other balancing damper (Not Shown).
2. Test for free operation of rotating cable. NOTE: Do not attempt to rotate cable by pushing on damper blade.
3. Run cable to termination point and secure cable at 3 foot intervals and every change of direction. Cables should be taut or nearly taut with a 4" turn radius. For cable runs longer than 20', use of conduit is recommended on the straight run segments.
4. Locate position on ceiling for desired placement of Ceiling Cup. The cup may or may not be attached to a supporting joist (Illustration 'A' or 'B').
5. Drill a 1 1/4" hole in desired ceiling position. For joist mount, cable centerline is 1 1/64" from joist wall.
6. Install the (2) 3" screws provided through the zinc plated mounting bracket and the pre-drilled holes on the Ceiling Cup (Illustration 'B & C') NOTE: Do not over-tighten screws or use power tools.
7. Use a 1/4" hexnut driver or MAT furnished cable driver to balance your damper. (Illustration 'C')
8. Screw the self-threading ceiling cap (applying firm pressure with your palm) into the center hole of the mounting bracket until cap is flush with the ceiling (Illustration 'D')



A



B



C



D