

## TARC Tube Cutting Guides

Sized to fit common tube sizes used in TARC, Rocketry Works' tube cutting guides will help you make clean, straight cuts in light cardboard tubes ranging from 24mm (BT-50) and 29mm motor tubes to 56 mm (BT-70) and 66 mm (BT-80) airframe tubes. These 3D printed plastic rings align perpendicular to the tube axis and snug down tight to resist slipping while cutting.

### Instructions

1. Measure the length of tube you want to cut. You don't need to circle the tube; just place a small mark on the tube.
2. Slide the self-centering ring with the slots onto the tube, wide end first. Align the wide end of the ring with the measured mark on the tube.
3. Leading with the narrow end, slide the tightening ring onto the narrow end of the self-centering ring, making sure to align as parallel as possible.
4. Squeeze the tightening ring against the self-centering ring to secure the guides in place on the tube. Using a new, sharp hobby blade, cut the tube along the edge of the guide using light pressure. Aim to cut through the tube in 2 or 3 revolutions of the tube, rather than 1 hard cut.

