

Manny
44149 Dortmund
Germany

mg@boondoggle-motors.com

Tech Tip #8

INDIAN Twist Grip Roller Conversion



INDIAN twist grips with rollers

Because it always annoys me that some twist grips (especially the reproductions) are stiff and won't turn smoothly, I built a version with rollers here.

The body is made of bearing bronze, the shaft is made of brass and the rollers and washers are made of stainless steel.

You can get the rollers easily and cheaply in the modeling sector.

The conversion consists of:

- 1x Body
- 1x Shaft
- 1x Grub screw
- 2x rollers with 9mm outer diameter and 10mm height
- 2x rollers with 6mm outer diameter and 2,5mm height
- 2x thrust washer 0.3mm with 4mm inner diameter

You will need a lathe, thread cutters and hand tools.

The results are stainless steel rollers that run in the inner worm and smaller rollers that run outside in the handlebar slot.

The cable is fixed with the grub screw from the outside.

To fix the outer rollers, the brass shaft is lightly riveted.

And the result is really amazing and satisfying!





