

Rubber Band Racer



Brought to you by Demco

Tools Needed for This Activity

Process	Process Description	Recommended Tool	Alternate Tool
Cutting	Cutting dowels, strips, recycling bin items, etc.	Multi-cutter 1373816	Saw, pruning shears, etc.
Reaming	Changing splined holes in components from press fit (dowels press and stay) to loose fit (dowels are able to slide and rotate)	Reamer 1373819	#3 drill bit and drill
Screwing	Tightening and loosening screws	Screwdriver 1373817 and 1373822	None
Holding and Pulling	Holding nuts, pulling apart components	Pliers 1373820	None

Kit Contents

Component	Adv 10 Pack Quantity	Adv Single Quantity	10 Pack Quantity
Connector Strips	60	6	6
50 Tooth Gears	10	1	0
40 Tooth Gears	10	1	0
20 Tooth Gears	10	1	0
10 Tooth Gears	10	1	0
Tires	20	2	20
Hole Plates	20	2	20
300 mm Slide-stop Material	3	1/3 (100 mm)	2
Wheels	40	4	40
Stop Clips	40	4	20
Rubber Bands	100	10	100
1" Screws	40	4	40
Hex Nuts	40	4	40
Dowels	80	8	50



+



=

**Make Your Rubber Band Racer Even Better
by Incorporating Recycling Bin Material**

**Incredible, affordable inventions
that really work!**