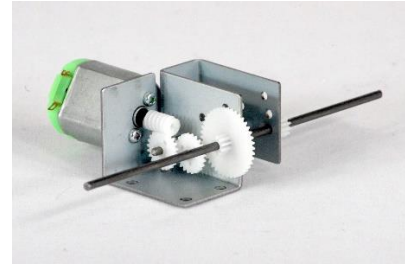




## **VERSATILE GEARBOX KIT (6 RATIO) (Code: GVERS6)**

### **DESCRIPTION**

The *VERSATILE GEARBOX KIT* has a number of components supplied to allow any of the 6 possible gearbox ratios to be assembled.

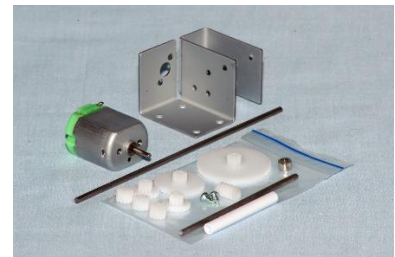


<b>Ratios available</b>	1:22	1:48	1:88	1:192	1:242	1:290
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<b>LEVEL:</b>	Introductory
<b>SKILL DEVELOPMENT:</b>	<ul style="list-style-type: none"> <li>• Manufacturing</li> <li>• Mechanical</li> </ul>

### **WHAT'S IN THE KIT?**

- All the mechanical components and the motor required to make one of the 6 gearbox ratios
- A detailed teaching unit with a complete parts list and assembly diagram for each of the possible gear ratios.



### **WHAT ELSE IS NEEDED?**

The following material is to be supplied by the student / teacher:

- Wood block, at least 25mm thick to support gearcase or motor at assembly stage

### **TOOLS REQUIRED**

The following tools are required:

REQUIRED TOOLS	ORDERING CODE
Small Hammer (Claw or Cross pein)	HAMMERCL / HAMMERCPC
Phillips screwdriver #1 point	SCREWDRPH1/80
Mini Bolt Cutters (200mm)	BOLTCUTM

### **ABOUT THE PROJECT**

The gearbox is designed to be part of a larger project. Defining that project will allow the designer to determine which of the 6 gearbox speeds will be used, as well as whether the axle shaft will be two sided (such as for a vehicle's rear axle) or single sided (such as a windmill), and what the length either side needs to be.

