



# MBA

## Educational Gearbox Kits

Basic gearbox kits for prototyping, testing and learning

### Educational Gearbox Kits

Part Number	Description	Material	Brand	Description	Description	Description	Description	Description	Description	Description
T70172	Universal Plate 210x160mm	Plastic	Tamiya	Assists with assembly of Tamiya educational series	Provides a sturdy ready drilled base with side angles	Base: 1 piece 210x160mm	Long angles: 2	Small angles: 2	Screws and Nuts: Selection to help with assembly	
T70145	Narrow wheel and tyre set	Plastic and Rubber	Tamiya	Makes two 58mm Diameter wheels		Tyres: 2	Rims: 2	Shaft Attachments: 2 to suit 3mm hex shaft and 2 to suit 3mm round shaft	Screws and Nuts: Selection to help with assembly	

# Indicates item not stocked at time of printing - Please enquire for lead time

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Part Number	Description	Material	Brand	Description	Description	Description	Description	Description	Description	Description
T70144	Ball Castor	Plastic and Steel	Tamiya	This kit provides enough parts to make 2 ball castors	Plastic housings with steel ball castors	Balls: 2	Screws: Selection for assembly	Bases: Components to make 2		
T70142	Ladder chain and sprocket set	Plastic	Tamiya	Assists with prototyping or learning about drive systems	Plastic ladder chain not designed for high loads	Sprockets: 2 each of 8 tooth and 12 tooth	Miscellaneous: 2 Crank Arms, 2 Mounting Stays, Selection of bore bushes	Chain: Self assembly plastic links to make approx 1mtr of ladder chain	Screws and Nuts: Selection to help with assembly	
T70141	Pulley set	Plastic	Tamiya	Assists with prototyping or learning about pulley systems	Designed to suit rubber bands for belts	Pulleys: 2 each of 50mm, 25mm and 11mm	Cogs: 4 pieces 8mm diameter 10 tooth	Bore Bushes: 28 pieces including 2mm and 3mm hex and round bores 1.9, 2.1, 2.9 and 3.1mm	Screws and Nuts: Selection to help with assembly	
T70140	Pulley set	Plastic	Tamiya	Assists with prototyping or learning about pulley systems	Designed to suit rubber bands for belts	Pulleys: 2 each of 30mm, 20mm and 4 of 11mm	Cogs: 4 pieces 8mm diameter 10 tooth	Bore Bushes: 28 pieces including 2mm and 3mm hex and round bores 1.9, 2.1, 2.9 and 3.1mm	Screws and Nuts: Selection to help with assembly	
T70121	Pulley set with base and motor	Plastic	Tamiya	Uses rubber band belts to show the operation of a belt and pulley system	Include 11mm, 30mm and 50mm pulley					

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Part Number	Description	Material	Brand	Description	Description	Description	Description	Description	Description	Description
T70111	Sports tyres and rims 56mm diameter	Rubber Tyre / Plastic Rims	Tamiya	Set of 2	Complete with screws, rims, hubs and tyres	Perfect for completing any hobby project requiring wheels				
T70105	Shaft Set	Steel	Tamiya	For use with the various Tamiya educational series kits	All shafts are 3mm diameter	3x150mm Hex Shaft: 2 pieces	3x100mm Hex Shaft: 2 pieces	3x100mm Round Shaft: 2 pieces	3x100mm Threaded End Shaft: 2 pieces	Selection of screws and assembly components
T70100	Track and wheel kit	Plastic	Tamiya	Flexible plastic tracks of 3 lengths to make up different overall lengths by joining	Includes wheels and shafts	Drive Sprocket: 2	Wheels: 10 small and 6 large	Idler Wheels: 2	Shafts: 5 piece of 3mm Round x 1 piece of 3mm hex	Tracks: 2 large main tracks and 8 smaller pieces to join
T70098	Universal Plate 160x60mm	Plastic	Tamiya	Assists with assembly of Tamiya educational series	Provides a sturdy ready drilled base with side angles	Base: 1 piece 160x60mm	Long angles: 2	Small angles: 2	Screws and Nuts: Selection to help with assembly	
MD7000	Dynamo with Geared Motor - Hand Cranked	Plastic with Metal Motor	Generic	Crank the handle and the gear set will operate the motor and produce DC voltage	This can be used for a variety of low current uses like charging batteries or lights	Add greenpower to your projects	Crank slowly for a low voltage or faster to increase the voltage			

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