

## 5 Plank Troublesome Truck

- Wheels. These I resin printed but you could use Slaters. You would have to make your own bearings or open out the bearing housings to  $\frac{1}{4}$ " and find suitable Imperial ball races.
- Axles 3mm mild steel 65mm long
- Bearings MR63ZZ. These are available on E bay. 6mm OD, 3mm ID by 2.5mm wide.
- Axle boxes and W Irons. These I resin printed. I opened out the bearing housings with a 6mm end mill. The bearings were generally a press fit but if not a dab of super glue fixes them in place.
- Brake gear, all filament printed and held in with adhesive. I use No Nonsense super glue from Screwfix. It is cheap and works extremely well.
- Chassis, Filament printed.
- Sides, filament printed.
- Decals, printed using a laser printer onto clear waterslide. I find it best to coat the decals with clear lacquer from Wilko before using them otherwise the lettering can be rubbed off when handling. Note these are on A6 paper so you need to cut up a sheet..
- Hooks, Model Engineers Laser part number 24312 Gauge 1 Coupling Hooks.
- Coupling chain, 105 clock chain from various suppliers on E Bay. Wire (MIG wire) and spring from "will be useful one day box".
- Buffer stocks, resin printed.
- Buffers turned from 10mm bar stock or resin printed.

