

## C13 Etched W-irons (BR pattern) (enough for three 4-wheel wagons)

This etched W-iron is intended for use with 12mm diameter wagon wheels.

Make all folds with the half-etched line to the inside, unless stated otherwise. Drill all pivot holes to 0.95mm before commencing assembly.

### ASSEMBLY SEQUENCE

1. Mark the longitudinal centre line and the axle centre lines on the wagon floor, and drill 0.95mm at each axle centre.
2. Fold up the pivot tabs of the baseplates to 90° and fix them to the vehicle floor. To ensure correct alignment insert short lengths of 0.9mm wire in the centre holes in the baseplate and vehicle floor and hold a straight edge tightly against them (see sketch).
3. Fix pinpoint bearings in place in the W-irons (the correct way round!) before folding up the W-irons and the central pivot tabs to 90°. Fold the keeper plates at the extreme bottom of the W-irons through 180°, with the half-etched line to the **OUTSIDE** of the bend.
4. If fitting our complementary brake gear (pack C14) do so at this stage. The tabs at the top of the brake hangers fit into the slots on the stretcher. File off any excess on the top surface of the stretcher, otherwise the pivoting W-iron won't!
5. Place the completed W-iron assemblies onto the base plates and thread 0.9mm wire through the pivot holes. Insert packing under one end W-iron only and adjust as necessary until the vehicle stands square on the track. The pivot wire can then be fixed to both baseplate and W-iron to lock the assembly. The pivoting W-iron should have the wire fixed carefully to the baseplate only.

