

Couplers for OO9.

NZFinescale supplies a wide range of detail parts and kits for a variety of prototypes and scales. S scale chopper couplers were one of our first products over 25 years ago and these continue to give good service. Our OO9 couplers arose from a generously shared customer's project.

Options for OO9:

1. NZR style. Actually S scale but 4.4mm diameter face is acceptable to some. Plain boss for screw mount.
2. NZR style. As per (1) but with a mount that fits a Kadee #5 draughtbox.
3. True scale 4mm couplers based on drawings from Ffestiniog of those fitted to L&B replica 'Lyn'. Plain boss supplied with a 3D printed mounting suitable for PECO wagons as well as other applications. (6mm height to coupler centreline)
4. As (3), but fitted with NEM mounting.
5. Custom couplers to suit your prototype. These are more cost effective than you might expect. Please ask.

Things to consider.

Standards: Reliability is excellent on good track and with consistent mounting. Scale couplers may not be quite as easy to use as 'toy' couplers but they will look far better.

Sideplay: The NEM mount does not allow sideplay. The only sideplay is due to slack in the hook/slot, or swing in the truck/bogie if the mount is thereon. Experience suggests that sideplay with headstock mounting is adequate, but is not recommended for tight radius curves. If in doubt use a boss style mount.

Finishing castings: Couplers are supplied as raw brass castings as shown in the attached pictures. They need to be cut from sprues, finished with files/abrasives and may require careful straightening. Holes may need finishing. Colouring with metal blackening compounds is robust and convenient.

Centring: NEM mount couplers are aligned by the mounting. Kadee mount couplers use the spring supplied in the draughtbox to centre. Couplers supplied with a plain boss can be aligned using pairs of small magnets (1mm dia x 0.5mm, not supplied) fitted to a cast recess in the coupler boss and the wagon underframe. The 3D printed draughtbox has a recess for a

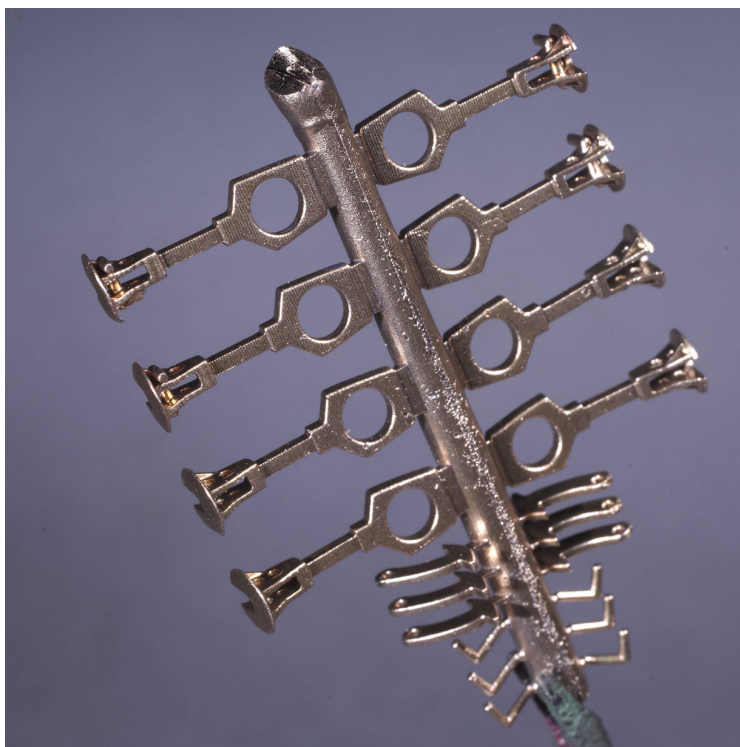
centring magnet. The NZR style boss has the magnet recess, but magnet mounting on the underframe needs to be arranged by the user.

Inter-operability: The geometry of the two head/hook styles is similar, but there has been no effort to make these interchangeable. They may couple, and can likely be made to do so with a little fettling, but mixing types is NOT recommended. Mounting method will not affect interoperability provided coupler centrelines are consistent.

Supply to UK and elsewhere: We supply items to customers worldwide. Please note that import requirements and any charges vary and are the responsibility of the purchaser.



NZR style couplers with plain boss mount (type 1)



NZR style couplers with Kadee style mount (type 2)



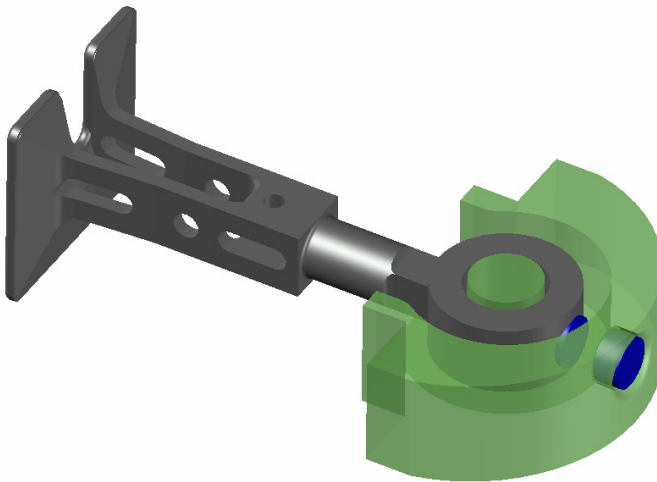
Simple boss mount
L&B style couplers.
(Type 3)



NEM mount L&B style
couplers.
(Type 4)



NEM mount couplers fitted to RTR wagons.



Boss mount coupler drawing showing the 3D printed draughtbox (green) and the centring magnet pair (blue)