

# **Brassmasters**

**Scale Models**

PO Box 1137 Sutton Coldfield West Midlands B76 1FU

**[www.brassmasters.co.uk](http://www.brassmasters.co.uk)**

**4mm SCALE KITS AND FITTINGS**

**CATALOGUE AND PRICE LIST**

**1 May 2017**

**email : [sales@brassmasters.co.uk](mailto:sales@brassmasters.co.uk)**

## TERMS OF TRADE

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All products listed in this catalogue are available direct by mail order or from our stand at selected exhibitions. Details of the exhibitions we attend are advertised in the model press and on our website.

### Payment

Cash, postal order or cheque with order. Unfortunately, we are unable to accept credit cards or foreign currency or non - Sterling cheques.

Please make your postal orders/cheques payable to " **BRASSMASTERS** ".

We can also accept payments in Sterling by electronic credit into the following UK bank account

**Name: Brassmasters Scale Models**

**Sort code: 090127**

**Account number: 74795972**

Please contact us **first to ensure the items are in stock**

You may find it useful to download our excel Order Form (make sure you save it to your PC before completing your

Please email us when you have made the payment

For overseas customers only we can make special arrangements to take payment via Paypal - please email us to discuss.

Paypal can be used for payment by UK customers - for orders up to £10 there will be a **50p charge** to cover Paypal's costs. In excess of £10, the **additional charge will be 5%**.

Whilst every effort will be made to supply ex-stock, we will notify you if we cannot deliver your order within twenty-eight days. Please bear in mind that this is a part-time hobby business for us; we try to post out twice weekly, but we only collect our post from the PO Box once each week. We also have to wait up to 14 days to ensure cheques are cleared and that this is notified to us. Therefore, on some occasions, there may be a delay of up to two weeks between your letter, the cashing of your cheque and the despatch of your order.

### E-mail

If you have e-mail facilities then we will be able to provide you with additional information about your order or check if items are available ex-stock

- acknowledgement of order and confirmation that goods are in / out of stock
- estimated despatch date
- advice that goods have been despatched
- if you have purchased a kit, the Reference Number so you can track its progress via the Royal Mail website

To take advantage of this please ensure your email address is on your order

### Postage and packing (UK only - overseas please email for a price)

Orders up to £20	add £1.50
Orders from £20 up to £45	add £2.50
Orders from £45 up to £95	add £4.50
Orders from £95 up to £150	add £9.00
Orders from £150 up to £300	add £11.50
Orders over £300	Post free

### Faulty goods and shortages

We aim to despatch goods in perfect condition but occasionally a sub-standard item may slip through our quality control system. If you receive goods which are deficient in this way please return the faulty item or detail the shortage together with proof of purchase. We will replace the item and refund your postage, **provided you notify us within 30 days of purchase..**

### Prices and specification

We aim to maintain prices between each issue of our catalogue but occasionally our suppliers may increase the prices charged to us. We reserve the right to amend any of our prices at the date of despatch. We also reserve the right to amend the specification of our products at any time.

### VAT

We are **not** registered for VAT and therefore all prices are net of VAT. Overseas customers will not therefore be able to reclaim VAT.

## Locomotive and tender kits

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All kits use etched brass or nickel silver construction with finely detailed whitmetal and lost wax castings. They include sprung hornblocks, sprung buffers and all wire, handrail knobs, etc. Wheels and motors, name/numberplates and paint/transfers are **not** provided.

		£
<b>MR / LMS</b>		
L107	4F 0-6-0 (with resin cast smokebox, boiler and firebox and inside motion)	120.00
L202	MR/LMS Deeley 0-4-0T	80.00
<b>LMS</b> (all with resin cast smokebox, boiler and firebox)		
L101	5XP Jubilee 4-6-0 ( Short firebox )	170.00
L102	5XP Jubilee 4-6-0 ( Long firebox )	170.00
L103	Unrebuilt Patriot 4-6-0 ( Parallel boiler )	190.00
L104	Black Five 4-6-0 ( Short firebox )	170.00
L105	Black Five 4-6-0 ( Long firebox )	170.00
L106	Rebuilt Royal Scot 4-6-0	180.00
T101	Stanier 4000 gallon riveted tender	50.00
T102	Stanier 4000 gallon welded tender	50.00
T103	Stanier 4000 gallon part welded tender	50.00
T104	Stanier 3500 gallon riveted tender	50.00
T201	Fowler 3500 gallon tender - Flush riveted, beaded tanks	50.00
T202	Fowler 3500 gallon tender - Snaphead (raised) rivets, beaded tanks	50.00
T203	Fowler 3500 gallon tender - Snaphead (raised) rivets, no beading	50.00
T105	Stanier 10 ton riveted Princess tender	50.00
The kits below and overleaf were designed by Martin Finney and formerly marketed by him.		
<b>LNER</b>		
L14	LNER/BR Gresley A3 4-6-2 - Left Hand Drive engines	180.00
L15	GNR/LNER/BR Gresley A1/A3 4-6-2 - Right Hand Drive engines	180.00
L17	LNER/BR Gresley A4 4-6-2	190.00
L21	LNER Gresley V2 2-6-2	180.00
T7	LNER 8-wheel 1928 Corridor tender	60.00
T9	GNR/LNER 8-wheeled Coal Rail tender	60.00
T11	LNER/BR 4200gallon Group Standard tender	60.00
T12	LNER/BR Streamlined Non-corridor tender	60.00
<b>LSWR/SR</b>		
L18	LSWR/SR/BR Drummond M7 0-4-4T	160.00
L19	LSWR/SR/BR Drummond T9 4-4-0 - narrow cab/splashers	170.00
L20	LSWR/SR/BR Drummond T9 4-4-0 - wide cab/splashers	170.00
L22	LSWR/SR/BR Adams Radial 4-4-2T	160.00
L24	LSWR/SR Adams T3 4-4-0	170.00
L26	LSWR/SR/BR Drummond L11 4-4-0	170.00
T10	LSWR/SR/BR Drummond 4000 gallon water cart tender	65.00
T13	LSWR Drummond 3500 gallon 6-Wheel Tender	60.00
T15	LSWR/SR Adams' 3300 gallon tender	60.00

## Locomotive and tender kits (continued)

### GWR

L1	Aberdare 2-6-0	135.00
L2	3232 2-4-0 (Round-top and Belpaire firebox)	140.00
L3	Straight-framed Bulldog 4-4-0 (including deep-framed 'Bird' series)	140.00
L4	28xx 2-8-0	145.00
L5	2251 Collett Goods 0-6-0	130.00
L6	Stella 2-4-0	140.00
L7	1854 class or 2721 class 0-6-0 Pannier tank	135.00
L8	47xx 2-8-0	145.00
L9	Hall 4-6-0	160.00
L10	Atbara / Flower 4-4-0	140.00
L11	Dean Goods 0-6-0	130.00
L12	41xx/51xx/61xx 2-6-2T	155.00
L16	City 4-4-0	140.00
L23	Curved Frame Bulldog 4-4-0	140.00
L25	Duke 4-4-0	140.00
T1	Dean 3000 gallon tender	50.00
T2	Dean 2500 gallon tender	50.00
T3	Churchward 3500 gallon tender (flush and riveted tanks)	55.00
T6	Collett 4000 gallon tender	50.00
T301	Hawksworth 4000 gallon tender (patterns mastered by John Hayes)	55.00
T3-RO	Riveted overlay for Churchward 3500 gallon tender	5.00
T3-BB	Cast brake hangers for Churchward 3500 gallon tender	2.00

### Inside motion kits

These allow construction of "working" inside motion. There are two options available - the working parts contains the eccentrics, cranks, etc. to complete the parts now supplied in the GWR and LSWR/SR kits; the full kits also include the etches and can be used on older kits.

		Full kit	Working parts
IM1	Aberdare 2-6-0	25.00	20.00
IM2	3232 2-4-0	25.00	20.00
IM3	Straight-framed Bulldog 4-4-0 (including deep-framed 'Bird' series)	25.00	20.00
IM4	28xx 2-8-0	20.00	12.00
IM5	2251 0-6-0	25.00	20.00
IM6	Stella 2-4-0	25.00	20.00
IM7	1854 class or 2721 class 0-6-0 Pannier tank	25.00	20.00
IM9	Hall 4-6-0	20.00	12.00
IM10	Atbara/Bird 4-4-0	25.00	20.00
IM11	Dean Goods 0-6-0	25.00	20.00
IM16	City 4-4-0	25.00	20.00
IM23	Curved Frame Bulldog 4-4-0	25.00	20.00
IM25	Duke 4-4-0	25.00	20.00
IM19	T9 4-4-0 - Narrow Cab/splashers	20.00	12.00
IM20	T9 4-4-0 - Wide Cab/splashers	20.00	12.00
IM22	Adams Radial 4-4-2T	20.00	12.00
IM24	Adams T3 4-4-0	20.00	12.00
IM26	Drummond L11 4-4-0	20.00	12.00

## **EasiChas - finescale chassis kits for RTR locomotives**

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This is a new range of kits to produce a sprung loco and tender chassis in EM or P4 in 3-4 hours without soldering, and using an overlay on top of the existing RTR chassis. Etched in nickel-silver with sprung hornblocks included. Includes a CD with lots of prototype photographs.

All EasiChas kits except the LNER A1 and MR 1F **include the detailing kit** for the engine/tender as shown on the following page.

	£
B205 Bachmann 4mm scale LNER A1 and tender (no detailing kit)	45.00
H206 Hornby 4mm scale LNER A3 and tender	45.00
H207 Hornby 4mm scale LNER A4 and tender	45.00
B208 Bachmann 4mm scale LNER A2 and tender	n.y.a
B211 Bachmann 4mm scale LMS/MR 3F 0-6-0 and tender	45.00
B216 Bachmann 4mm scale SECR/SR Class C 0-6-0 and tender	45.00
H221 Hornby GWR 42xx 2-8-0T	40.00
H222 Hornby GWR 72xx 2-8-2T	40.00
B225D Bachmann 4mm scale LMS/MR 4F 0-6-0 and Deeley tender	45.00
B225F Bachmann 4mm scale LMS/MR 4F 0-6-0 and Fowler tender	45.00
B231 Bachmann 4mm scale LMS/MR 1F 0-6-0T	35.00
B205EM EM wheelset for 4mm scale LNER A1/A3/A4 and tender	40.00
B205P4 P4 wheelset for 4mm scale LNER A1/A3/A4 and tender	40.00

## RTR conversion and detailing

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<b>Bachmann 4mm scale LMS Ivatt Class 4 2-6-0 - finescale chassis and upgrade kit</b>	£
This is a set of etched nickel-silver components for a sprung loco and tender chassis	
B203 (OO, EM or P4) with new motion and sprung pony truck, plus other detailing parts.	
Includes CD with prototype notes and photos	55.00

### 4mm scale RTR locomotive detailing kits and parts

These are sets of etched brass or nickel silver and whitmetal components to super-detail your ready to run models. Assembly is simple - only glue is required; the castings are all from patterns used in our own kits.

H101	Hornby 4mm scale LMS Black 5 4-6-0	25.00
B201	Bachmann 4mm scale LMS Crab 2-6-0	25.00
H102	Hornby 4mm scale LMS 8F 2-8-0	25.00
B202	Bachmann 4mm scale LMS Jinty 0-6-0T (includes CD)	25.00
H104	Hornby 4mm scale LMS Rebuilt Patriot and Royal Scot 4-6-0	25.00
H209	Detailing etch for LNER A4 4-6-2 (footplate brackets, reach rod, valve spindle, guard irons)	10.00
H210	Detailing etch for LNER A3 4-6-2 (footplate brackets, reach rod, guard irons and German smoke deflectors)	10.00
B212	Detailing etch for Bachmann 4mm scale LMS/MR 3F 0-6-0 and tender	10.00
B214	Lost wax axleboxes for Bachmann 4mm scale LMS/MR Deeley tender	9.00
B215	Lost wax axleboxes and sprung buffers for Bachmann LMS/MR Deeley tender	12.00
B128	Replacement splashers for Bachmann 4mm scale LMS/MR 3F	5.00
B217	Detailing etch for Bachmann SECR/SR Wainwright Class C 0-6-0 and tender	10.00
B226	Detailing etch for Bachmann LMS/MR 4F 0-6-0 and Deeley tender	10.00
B227	Detailing etch for Bachmann LMS/MR 4F 0-6-0 and Fowler tender	10.00
B228	Cast axleboxes and sprung buffers for Bachmann LMS/MR Fowler tender	12.00
B129	Replacement splashers for Bachmann 4mm scale LMS/MR 4F	5.00
B130	Replacement splashers for Bachmann 4mm scale LMS/MR 1F	5.00
B131	Replacement coal rails for Bachmann MR/LMS 1F 0-6-0T	2.50
B132	Replacement coal rails for Bachmann LMS Jinty 0-6-0T	2.50
A083	Fowler tender - additional coal rails	2.00
A085	Fowler tender - replacement front and coal doors	5.00
H223	Detailing etch for GWR 42xx and 72xx	10.00
B230	New front end frames, etc for Bachmann GWR Modified Hall	10.00

### LMS/BR pony truck

A121	A highly detailed replacement pony truck suitable for late LMS and BR locos	5.00
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### MR/LMS inside motion

A122	Fit "working" inside motion to your MR or LMS locomotives. No crank to solder onto a split axle. Full assembly diagrams.	18.00
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### Class 52 Western diesel hydraulic - detailing kit

A401	This is a set of etched nickel-silver components to improve the Lima or Hornby 4mm scale class 52 "Western" diesel-hydraulic locomotive.	25.00
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The parts comprise replacement windscreen /cab side window frames, headcode panels, roof grilles, fans and walkways, all brake gear, and footsteps.

### Bachmann Class 24/25 - detailing components

A414	Nickel silver detailing etch including boiler grill blanking plates, circular exhaust port, footstep blanking plates, replacement handrails.	5.00
A418	Class 25 water tank	4.00
A419	Fuel Gauges	2.50

## Replacement coupling and connecting rods

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### For the Bachmann or Hornby 08 diesel shunter

Fine scale replacement rods and balance weights in nickel silver - forked joints, oil boxes, bosses - suitable for use with Gibson and Ultrascale wheels

D001	Standard - 0.33mm additional clearance on the crankpin	6.00
D002	Finescale version - as close to the prototype as we can make them	6.00

### Coupling rods

C101	Bachmann MR/LMS 3F 0-6-0	5.00
C102	Bachmann MR/LMS 4F 0-6-0 - fluted	5.00
C103	Bachmann MR/LMS 4F 0-6-0 - plain	5.00
C104	Bachmann MR/LMS 1F 0-6-0T	5.00
C105	Bachmann LNWR/LMS G2 0-8-0 rods - 3 piece	n.y.a.
C106	Bachmann LNWR/LMS G2 0-8-0 rods - jointed	n.y.a.
C201	Bachmann LNER A1 4-6-2	5.00
C203	Hornby LNER A3/A4 4-6-2s	5.00
C301	Bachmann SECR/SR Wainwright C 0-6-0	5.00
C401	Hornby GWR 42xx/72xx	5.00
C403	GWR Saint/early Hall	5.00
C404	GWR later Hall, Grange, Manor, 43xx, 31xx	5.00
C501	Heljan BR Class 14 "Teddy Bear" 0-6-0 diesel hydraulic	7.00
C406	GWR 28xx 2-8-0	5.00

### Connecting rods

C202	Bachmann LNER A1 4-6-2	3.00
C204	Hornby LNER A3/A4 4-6-2s	3.00
C402	GWR 42xx/72xx/43xx	3.00
C405	GWR later Hall, Grange, Manor, 43xx, 31xx	3.00

## Rolling stock kits and accessories

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R010 GWR diagram L4 Crane match truck 25.00

The kit is designed to run with the D&S Cowans-Sheldon crane kit DS802. It is of etched brass construction to bring out the detail of the original wagon and faithfully reproduce the thin section to the roof, floor edges and roller supports. Included in the kit are whitemetal axleboxes/springs and buffers.

R011 Crane conversion kit NYA

### Former R&E Models etched brass kits - with all new whitemetal castings

R021 GCR/CLC horsebox 25.00

R022 GCR Diagram 17/17a/17b and CLC Diagram 49 10T van 20.00

R023 GCR Bogie fish van 45.00

R024 GCR Bogie brake van 45.00

R025 GCR refrigerator van 22.00

### Bogie compensation units

A new easy to assemble robust unit

C121 8'6" wheelbase 12mm diameter wheels Pair 8.00

C141 8'6" wheelbase 14mm diameter wheels Pair 8.00

C142 7'0" wheelbase 14mm diameter wheels Pair 8.00

C143 8'0" wheelbase 14mm diameter wheels Pair 8.00

C144 9'0" wheelbase 14mm diameter wheels Pair 8.00

C145 10'0" wheelbase 14mm diameter wheels Pair 8.00

C146 10'6" wheelbase 14mm diameter wheels Pair 8.00

C147 6'4" wheelbase 14mm diameter wheels Pair 8.00

### Universal Cleminson truck chassis for 6 wheel vehicles

MC001 Non-RCH type for Great Northern, Midland and London & South Western, etc. 9.00

MC002 RCH type covers Great Western, North Eastern, Highland, etc. 9.00

This is an etched brass chassis kit covering wheelbases between 18' and 27'6" in steps of 6" length, using 3'7" diameter wheels, with either inside or outside bearings. Complete with full 7 page instruction booklet.

### Lost wax couplings for coaches and other fitted vehicles

MC003 Screw type 6.00

MC004 Buckeye type 6.00

These provide a simple to couple means of connecting vehicles, and include vacuum and steam hoses as well as a representation of the couplings themselves.

### Etched coupling hooks and pockets

MC005 24 coupling hooks and 12 rectangular wagon pockets 2.50

Etched in 12 thou brass

### Buffer height gauge

G010 Ensures the buffer height of your stock is set correctly 3.50

### Axle spacing gauges

G001/2 4mm gauges - EM and P4 wheels Pair 5.00

G003/4 4mm gauges - OO wheels Pair 5.00

G007/8 7mm gauges - Slaters wheels Pair 10.00

Pairs of fold-up etched brass gauges covering wheelbases from 6'0" to 22'0" in increments of 3" and 6".

### LYR brake van conversion etch

R301 Allows the LYR Diagram 61 or 61A 20T brake van to be converted into the earlier Diagram 43 22T van 5.00



## Etched windows

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This range of etched windows is designed to complement the popular Scalesscenes range of buildings and scratchbuilding materials by enhancing the windows and providing additional details to match the photo-realistic card finishes on these card buildings.

As the Scalesscenes kits can be built in many different configurations the etches are provided in packs allowing the purchaser to choose just the sizes they need. See our website for full details of the packs needed for each kit.

The factory windows feature separate hinged panes and the sash windows fold to give different levels of relief on the glazing. Additional features are also provided for details such as tie-bar plates and door furniture.

	<b>Also available in 2mm</b>	<b>£ (4mm)</b>	<b>£ (2mm)</b>
<b>A</b>	Two large windows for factory T026 Features hinged light and tie bar plates	3.00	1.00
<b>B</b>	Six small windows for factory T026 Features hinged light and tie bar plates	3.00	1.00
<b>C</b>	Two north-light skylights for factory T026	2.50	0.75
<b>D</b>	Six large-wide sash windows for corner shop T021 Features additional television aerials	3.00	1.00
<b>E</b>	Six large sash windows for terrace house T020 & T022 Also suits large-narrow windows for corner shop T021 Features letter boxes, door handles etc	3.00	1.00
<b>F</b>	Six medium sash windows for terrace house T020 & T022 Also suits medium sash windows for corner shop T021 and scratch builder arches TX00 type N. Features letter boxes, door handles etc	3.00	1.00
<b>G</b>	Six small sash windows for terrace house T020 & T022 Also suits medium sash windows for corner shop T021 and scratch builder arches TX00 type O. Features letter boxes, door handles and skylights	3.00	1.00
<b>H</b>	Two bay windows for large terrace T020	3.00	1.00
<b>I</b>	Old-style windows and doors for corner shop T021 Features two shop windows and two doors	3.00	1.00
<b>J</b>	Modern-style windows and doors for corner shop T021 Features two shop windows and two doors	3.00	1.00
<b>K</b>	Four windows (two large, two small) for workshops under arches R019	3.00	1.00
<b>L</b>	Three large sash windows (eight small panes) for scratch builder arches TX00 type K, L & M	2.50	0.75
<b>M</b>	Three large sash windows (four large panes) for scratch builder arches TX00 type K, L & M	2.50	0.75
<b>N</b>	Four ornate windows for scratch builder arches TX00 type H, I and J. Features hinged lights	3.00	1.00
<b>O</b>	Four factory style windows for scratch builder arches TX00 type H, I and J. Features hinged lights and grill	3.00	1.00
<b>P</b>	Three sash and three simple windows for scratch builder arches	2.50	0.75
<b>Q</b>	Engine shed windows for R021 and R022	5.00	1.50
<b>R</b>	Engine shed roof lights for R021 and R022	5.00	1.50
<b>S</b>	Signal box windows, steps and levers for R010	6.50	2.00
<b>T</b>	Ladders and safety rails for R026 and T032 (2mm only)		4.00
<b>U</b>	Ladders for R026 and T032 - 2 lengths 160mm long (4mm only)	6.00	-
<b>V</b>	Safety rails for T032 - 1x 130mm long (4mm only)	4.00	-
<b>W</b>	Diesel depot windows	6.50	2.00
<b>X</b>	Small semi-circular windows	3.00	1.25

## Track detailing components

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Our range of fine etched brass components enables you to add the finishing touches to your 4mm permanent way. The components are self aligning and designed to provide an economical way of incorporating these essential details which are often missed out.

Full instructions and assembly diagrams which also show prototype practice are included.

	£
<b>P001 Fishplates</b>	5.00
72 pairs of 15 thou fishplates which include full "front and back" bolt detail.	
<b>P002 Point rodding stools</b>	4.00
Rodding stools which make up into 10 sets for runs of up to 7 rods or any combination of smaller units ( 10 thou )	
<b>P003 Point rodding cranks and compensators</b>	4.00
6 types of cranks together with bases ( 10 thou ) including :	
<ul style="list-style-type: none"><li>- 21 large plain angle cranks</li><li>- 24 small plain angle cranks</li><li>- 4 adjuster cranks (for the final drive to the point)</li><li>- 2 "T" cranks</li><li>- 3 straight cranks (for facing point locks etc)</li><li>- 4 accommodating cranks (used where clearances are too close for conventional cranks)</li><li>- 18 large and 48 small washers</li></ul>	
<b>P004 Signalling cable wheels and compensators</b>	4.00
16 wheels together with bases ( 10 thou ) in a unique self aligning design which can also be used in multiple assemblies	
<b>P005 Baseplates for flat-bottomed track</b>	3.00
In 18 thou for use with flat-bottom rail having a foot width of 1.8mm (eg Peco codes 75,80 and 82)	
( Bulk pack of 10 sheets £25 )	
Each pack contains :	
<ul style="list-style-type: none"><li>- 88 two spike plates for plain line</li><li>- 8 four spike plates for use at rail joints</li><li>- slide plates and angled crossing vee/wing rail plates for 1 turnout</li><li>- 12 half-plates for use at check rails</li></ul>	
These plates can be used in 4mm or 3.5mm scale and to represent small baseplates in 7mm scale narrow gauge. They may be used with plastic, timber or copperclad sleepers.	
<b>E38</b>	1.50
Signal cranks - 8 per fret	

## Fittings and accessories

£

### Machined brass fittings

A020	Sprung axleboxes for 6mm cut-out - 3mm axles (per 6)	7.50
A021	Sprung axleboxes for 6mm cut-out - 1/8" axles (per 6)	7.50
A022	Smokebox door handle	4.00
A025	Injectors ( per pair )	1.00
A030	Flexichas bearings for 1/8" axles (per 6)	4.50

### Etched brass detailing parts

A051	Brake and hand wheels	1.00
A052	Pipe flanges and blanking plates	1.00
A053	Chequer plate for loco footplates etc ( 4 patterns )	1.00
A054	Manhole covers and road gulleys	1.00
A057	Smokebox wrapper (11mm wide) and chimney bases	0.50
A058	Cab details	1.00
A059	Steam / valve chest covers	0.50
A060	Handwheels - 2 etches each with 4 wheels	1.00

### LMS fittings - as included in the Jubilee, Black 5, Patriot and Royal Scot kits

A071	Cab handwheels (set of 18) - nickel silver	1.00
A072	Pipe flanges for 1.375" pipes (set of 20) - nickel silver	1.00
A073	Pipe flanges mixed sizes (set of 20) - nickel silver	1.00
A074	Cab fall plate - dimpled - nickel silver	1.00
A075	Cab fall plate - diamond chequer - nickel silver	1.00
A076	Cab doors	1.00
A077	Nameplate support bracket - nickel silver	1.00
A078	Footsteps - front and rear -- nickel silver	1.00
A079	Brake shoes and hangers - single shoe 6'9"" wheels	2.00
A080	AWS bang plate (pair)	1.00
A081	Lamp irons per 10	1.00
A082	Smoke deflectors for rebuilt Patriot / Royal Scot	2.00
A084	Stanier tender - footsteps - brass	1.00
A101	Stanier pattern sprung buffers (set of 4)	6.50
A102	Stanier whistle - turned brass	4.00
A106	Draincocks (pair) - Lost wax	4.00
A107	Safety valve ( pair ) - Lost wax	2.00
A108	Exhaust steam injector (Stanier pattern) - Lost wax	nya
A109	Live steam injector - Lost wax	2.50
A110	Vacuum ejector - Lost wax	2.50
A111	Exhaust steam injector (Fowler pattern) - Lost wax	2.50
A112	Lost wax sprue containing A108, A109, A110, A111	9.00

### GWR fittings - as included in the Martin Finney kits

E1	GWR engine number plate kit	2.50
E2	GWR cab backhead details ( 2 frets)	2.00
E3	GWR double engine brake hangers and shoes	nya
E4	GWR engine whistle shield - short	1.00
E5	GWR engine and tender lamp brackets	1.00
E6	GWR ' working' cab seats	nya
E7	GWR brake van window grills	1.50
E8	GWR carriage destination boards and lamp brackets	1.50
E9	GWR suspended corridor connections	1.50
E10	GWR brake hanger pin retainers	1.00
E11	GWR outside cranks	1.50
E12	GWR locomotive coupling hooks	1.50
E14	GWR padlocks	1.00
E15	GWR hand-wheels	1.50
E16	Long spring hanger brackets for GWR 2500/3000/3500 gallon tenders	nya
E17	GWR lifting ring shackles and brackets	nya
E18	GWR engine rear windows with grills	nya
E19	GWR diamond plate for engine fall plate - 4mm	nya
E21	GWR engine pipe unions	1.50

E22	GWR engine underhung spring - 2 per fret	nya
E23	Locomotive wheel shorting strips - 4 for 1/8" axle 4 for 2mm axle	1.50
E24	GWR locomotive speedometer drive	5.00
E27	GWR screw couplings to be used with E12	nya
E32	GWR spring shackles	1.50
E36	GWR 41xx/51xx/61xx balance weights	1.00
CB1	GWR Safety valve - taper boiler - no top feed	10.00
CB2	GWR Live steam injector	2.50
CB3	GWR Exhaust steam injector	2.50
CB4	GWR Vacuum pump	2.50
CB7	GWR Hall - copper chimney	5.00
CB8	GWR 1854/2721 0-6-0PT - copper chimney	5.00

#### LNER fittings - as included in the Martin Finney kits

E25	GNR/LNER locomotive coupling hooks	1.50
E26	GNR/LNER A1/A2/A3/A4 coupling rods 29mm + 29mm 7ft 4" + 7 ft 4"	5.00
E28	GNR/LNER screw couplings to be used with E25	1.50
E29	LNER mud hole door brackets & washout door covers	1.50
E30	LNER tender lifting ring brackets	1.50
E31	LNER engine & tender lamp brackets	1.50
E60	LNER Spencer double-acting sprung buffers (per 4)	6.50
CB5	LNER A1/A2/A3/A4/V2 etc crosshead/piston rod & stuffing box	nya

**NEW**

#### LSWR/SR fittings - as included in the Martin Finney kits

E13	LSWR engine lamp brackets	1.50
E34	SR standard locomotive lamp brackets - 3 different types	1.50
E35	SR lamp brackets - LSWR conversions - 4 different types	1.50
E37	LSWR 4 and 6 wheel carriage brake components	1.50
E39	LSWR/SR loco headcode discs and diamonds	1.00
E40	SR loco screw couplings - pair	1.50
E41	LSWR Etched brass Adams' loco numbers: four sets of 0-9	2.50
E42	LSWR loco coupling hook & link plus chains, hooks & eyes	nya
E50	LSWR/SR/BR Drummond 4500 Gallon Tender conversion kit	7.50
CB6	LSWR Adams' locomotive injectors - left and right hand	5.00

#### LNWR fittings as included in our LNWR kits

A211	Compensated 6'3" bogie - Etched	2.50
A216	Whale pattern sprung buffers (set of 4)	6.50
A217	Bowen-Cooke pattern sprung buffers (set of 4)	6.50

#### Other accessories

£

<b>A402</b>	<b>Oval buffer overlays</b>	8.00
	These are in etched nickel silver and contain 14 pairs for 13" diameter buffers and 20 pairs for 16" diameter heads.	
<b>A403</b>	<b>Connecting wires for use with split axles</b>	5.00
	These are in etched brass and contain parts for both 1/8" and 2 mm diameter axles.	
<b>E33</b>	Locomotive axle spacing washers - (12)	1.00

## Exhibitions

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We will be attending the following exhibitions over the next 12 months

<b>Expo EM at Bracknell</b>	<b>May 2017</b>
<b>Expo EM North at Manchester</b>	<b>September 2017</b>
<b>Scaleforum at Aylesbury</b>	<b>September 2017</b>
<b>Warley NEC</b>	<b>November 2017</b>
<b>Manchester MRS</b>	<b>December 2017</b>
<b>Scalefour North at Wakefield</b>	<b>April 2018</b>

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## Product announcements

We are pleased to announce that we have acquired the 4mm range of Martin Finney kits. This will ensure the future production of these high quality kits and fits well with the existing Brassmasters range. The full range of GWR and LNER kits has now been released, and we will re-introduce the rest of the range as soon as possible.

On the way are more in our range of EasiChas kits for EM and P4 conversions of RTR models. The next release will be for the Bachmann LMS G2 0-8-0.

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## LNWR locomotive kits

We have now withdrawn all of our earliest kits from our list. We are no longer producing the following kits, but please enquire to see if there are any remaining stocks.

LNWR G1/G2 0-8-0 and Bowen Cooke tender	£140
LNWR Experiment 4-6-0 and Bowen Cooke tender	£140
LNWR 19" Goods 4-6-0 and Bowen Cooke tender	£140
LNWR Prince of Wales 4-6-0 and Bowen Cooke tender	£140
LNWR Precursor 4-4-0 and Bowen Cooke tender	£165
LNWR George the Fifth 4-4-0 and Bowen Cooke tender	£165
LNWR Bowen-Cooke 0-8-2T	£120
LNWR Beames 0-8-4T	£120

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**[www.brassmasters.co.uk](http://www.brassmasters.co.uk)**

We recommend you visit our web site for up to date information on all of our products. It also contains much additional information which is not included in this price list, including photographs of most items in the range. There are also downloadable instructions for many of our products.