

# **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 2019**

**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 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 order

Please email us when you have made the payment

We also accept credit card payments for both UK and overseas customers. Email us with your order and we will send you an iZettle invoice which can be paid using your card.

**For overseas customers only** who do not want to pay via credit card, we can take payment via Paypal - please email us for the post & packing charge.

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.

### Minimum order charge

There is a minimum order charge of £10 for mail order customers. This **does not apply** at exhibitions.

### 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, packing and handling charges (UK only - overseas please email for a price)

Orders up to £20	add £3.00
Orders from £20 up to £45	add £4.00
Orders from £45 up to £95	add £6.00
Orders from £95 up to £150	add £10.00
Orders from £150 up to £300	add £12.00
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)	140.00
L202	MR/LMS Deeley 0-4-0T	95.00
<b>LMS</b> (all with resin cast smokebox, boiler and firebox)		
L101	5XP Jubilee 4-6-0 ( Short firebox )	195.00
L102	5XP Jubilee 4-6-0 ( Long firebox )	195.00
L103	Unrebuilt Patriot 4-6-0 ( Parallel boiler )	225.00
L104	Black Five 4-6-0 ( Short firebox )	195.00
L105	Black Five 4-6-0 ( Long firebox )	195.00
L106	Rebuilt Royal Scot 4-6-0	210.00
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T101	Stanier 4000 gallon riveted tender	55.00
T102	Stanier 4000 gallon welded tender	55.00
T103	Stanier 4000 gallon part welded tender	55.00
T104	Stanier 3500 gallon riveted tender	55.00
T201	Fowler 3500 gallon tender - Flush riveted, beaded tanks	55.00
T202	Fowler 3500 gallon tender - Snaphead (raised) rivets, beaded tanks	55.00
T203	Fowler 3500 gallon tender - Snaphead (raised) rivets, no beading	55.00
T105	Stanier 10 ton riveted Princess Royal tender	55.00
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
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T7	LNER 8-wheel 1928 Corridor tender	65.00
T9	GNR/LNER 8-wheeled Coal Rail tender	65.00
T11	LNER/BR 4200gallon Group Standard tender	65.00
T12	LNER/BR Streamlined Non-corridor tender	65.00
<b>LSWR/SR</b>		
L18	LSWR/SR/BR Drummond M7 0-4-4T	165.00
L19	LSWR/SR/BR Drummond T9 4-4-0 - narrow cab/splashers	175.00
L20	LSWR/SR/BR Drummond T9 4-4-0 - wide cab/splashers	175.00
L22	LSWR/SR/BR Adams Radial 4-4-2T	165.00
L24	LSWR/SR Adams T3 4-4-0	175.00
L26	LSWR/SR/BR Drummond L11 4-4-0	175.00
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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)

<b>GWR</b>		
L1	Aberdare 2-6-0	140.00
L2	3232 2-4-0 (Round-top and Belpaire firebox)	150.00
L3	Straight-framed Bulldog 4-4-0 (including deep-framed 'Bird' series)	145.00
L4	28xx 2-8-0	150.00
L5	2251 Collett Goods 0-6-0	135.00
L6	Stella 2-4-0	150.00
L7	1854 class or 2721 class 0-6-0 Pannier tank	150.00
L8	47xx 2-8-0	155.00
L9	Hall 4-6-0	165.00
L10	Atbara / Flower 4-4-0	145.00
L11	Dean Goods 0-6-0	135.00
L12	41xx/51xx/61xx 2-6-2T	170.00
L16	City 4-4-0	145.00
L23	Curved Frame Bulldog 4-4-0	145.00
L25	Duke 4-4-0	145.00
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T1	Dean 3000 gallon tender	55.00
T2	Dean 2500 gallon tender	55.00
T3	Churchward 3500 gallon tender (flush and riveted tanks)	60.00
T6	Collett 4000 gallon tender	55.00
T301	Hawksworth 4000 gallon tender (patterns mastered by John Hayes)	60.00
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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 locomotive kits.

		<b>Full kit</b>	<b>Working parts</b>
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
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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 4mm scale 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 LNER A1 and tender (no detailing kit)	50.00
H206 Hornby LNER A3 and tender	50.00
H207 Hornby LNER A4 and tender	50.00
B211 Bachmann LMS/MR 3F 0-6-0 and tender	50.00
B216 Bachmann SECR/SR Class C 0-6-0 and tender	50.00
H221 Hornby GWR 42xx 2-8-0T	45.00
H222 Hornby GWR 72xx 2-8-2T	45.00
B225D Bachmann LMS/MR 4F 0-6-0 and Deeley tender	50.00
B225F Bachmann LMS/MR 4F 0-6-0 and Fowler tender	50.00
B231 Bachmann LMS/MR 1F 0-6-0T (no detailing kit)	35.00
B241 Bachmann LNWR/LMS G2 0-8-0 and tender	60.00

### **Bachmann 4mm scale LMS Ivatt Class 4 2-6-0 - finescale chassis and upgrade kit**

	£
B203 This is a set of etched nickel-silver components for a sprung loco and tender chassis (OO, EM or P4) with new motion and sprung pony truck, plus other detailing parts.	55.00

## RTR conversion and detailing

### 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	25.00
H104	Hornby 4mm scale LMS Rebuilt Patriot and Royal Scot 4-6-0	25.00
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B212	Detailing kit for Bachmann 4mm scale LMS/MR 3F 0-6-0 and tender	15.00
B214	Lost wax axleboxes for Bachmann 4mm scale LMS/MR Deeley tender	8.00
B215	Lost wax axleboxes and sprung buffers for Bachmann LMS/MR Deeley tender	15.00
B128	Replacement splashers for Bachmann 4mm scale LMS/MR 3F 0-6-0	5.00
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B226	Detailing kit for Bachmann LMS/MR 4F 0-6-0 and Deeley tender	15.00
B227	Detailing kit for Bachmann LMS/MR 4F 0-6-0 and Fowler tender	15.00
B228	Cast axleboxes and sprung buffers for Bachmann LMS/MR Fowler tender	15.00
B129	Replacement splashers for Bachmann 4mm scale LMS/MR 4F 0-6-0	5.00
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B130	Replacement splashers for Bachmann 4mm scale LMS/MR 1F 0-6-0T	5.00
B131	Replacement coal rails for Bachmann MR/LMS 1F 0-6-0T	3.00
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B132	Replacement coal rails for Bachmann LMS Jinty 0-6-0T	3.00
B240	Replacement front steps for Bachmann LMS Stanier 2-6-0	3.00
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B242	Detailing kit for Bachmann LNWR/LMS G2 0-8-0 and tender	15.00
B244	Replacement frames and bufferbeam for LNWR Whale tender	7.50
B245	Cast axleboxes and springs for Bachmann LNWR tender (set of 6)	8.50
A251	LNWR pattern G2 chimney (whitmetal)	4.00
A252	LMS Stanier pattern G2 chimney (whitmetal)	4.00
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A083	Fowler tender - additional coal rails	5.00
A085	Fowler tender - replacement front and coal doors	5.00
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H209	Detailing etch for LNER A4 4-6-2	10.00
H210	Detailing etch for LNER A3 4-6-2	10.00
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B217	Detailing kit for Bachmann SECR/SR Wainwright Class C 0-6-0 and tender	15.00
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H223	Detailing etch for GWR 42xx and 72xx	10.00
B230	New front end frames, etc for Bachmann GWR Modified Hall	10.00
B232	GWR smokebox step (per 4)	2.00
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<b>LMS/BR pony truck</b>		
A121	A highly detailed replacement pony truck suitable for late LMS and BR locos	5.00
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<b>MR/LMS inside motion</b>		
A122	Fit "working" inside motion to your MR or LMS locomotives. No crank to solder onto a split axle. Full assembly diagrams.	18.00

**NEW**

## RTR conversion and detailing (continued)

### 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
A416	Reduced height fuel tanks & battery box	14.00
A417	Balanced fuel tank & battery box	10.00
A418	Water tank	4.00
A419	Fuel gauges	2.50

## Replacement coupling and connecting rods

### 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	7.50
D002	Finescale version - as close to the prototype as we can make them	7.50

### 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	6.00
C106	Bachmann LNWR/LMS G2 0-8-0 rods - jointed	6.00
C107	Hornby LMS 8F 2-8-0	<b>NEW</b> 6.00
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
C406	GWR 28xx 2-8-0	5.00
C407	GWR 2251 0-6-0	<b>NEW</b> 5.00
C501	Heljan BR Class 14 "Teddy Bear" 0-6-0 diesel hydraulic	7.00

### 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

R031	LSWR 10ft 6in wheelbase unfitted van		27.50
R032	LSWR 11ft wheelbase fitted van		27.50
These are the superb Martin Finney designed kits which include all type of brake gear			
R041	RCH 1907 9ft wheelbase underframe		7.00
R042	Gloucester 1905 9ft wheelbase underframe		7.00
R051	RCH 1923 9ft underframe (to fit Slaters, Cambrian, Parkside and Bachmann)		7.00
R052	RCH 1923 9ft underframe (to fit Oxford RTR)		7.00
<b>Packs of 5 underframes are available for each of these - suffix B</b>			30.00
These are based on the underframe used in the Martin Finney LSWR van kits			
R010	GWR diagram L4 Crane match truck		27.50
Designed to run with the D&S Cowans-Sheldon crane. Etched brass with whitemetal axleboxes/springs and buffers.			
R011	Crane conversion kit		n.y.a.
<b>Former R&amp;E Models etched brass kits - with all new whitemetal castings</b>			
R021	GCR/CLC horsebox		25.00
R022	GCR Diagram 17/17a/17b and CLC Diagram 49 10T van		24.00
R023	GCR Bogie fish van		50.00
R024	GCR Bogie brake van		45.00
R025	GCR refrigerator van		25.00
<b>Bogie compensation units - easy to assemble and robust units</b>			
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
<b>Universal Cleminson truck chassis for 6 wheel vehicles</b>			
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.			
<b>Lost wax couplings for coaches and other fitted vehicles</b>			
MC003	Screw type		8.00
MC004	Buckeye type		8.00
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.			
<b>Lost wax screw couplings for locomotives</b>			
MC010	Per pair		6.00
<b>3- link couplings</b>			
MC005	24 hooks and 12 rectangular wagon pockets -etched in 12 thou brass		2.50
MC006	Coupling links - scale -blackened copper chain (36 links)	<b>NEW</b>	8.00
MC007	Coupling links - scale -blackened soft iron chain (36 links)	<b>NEW</b>	8.00
MC008	Coupling links - original fine -blackened copper chain (48 links)		8.00
MC009	Coupling links - original fine -blackened soft iron chain (48 links)		8.00
<b>Buffer height gauge</b>			
G010	Ensures the buffer height of your stock is set correctly		4.00
<b>Axle spacing gauges</b>			
G001/2	4mm gauges - EM and P4 wheels	Pair	7.50
G003/4	4mm gauges - OO wheels	Pair	7.50
G007/8	7mm gauges - Slaters wheels	Pair	15.00
Pairs of fold-up etched brass gauges covering wheelbases from 6'0" to 22'0" in increments of 3" and 6".			
<b>LYR brake van conversion etch</b>			
R301	Converts the LYR Dia. 61 or 61A 20T brake van into the earlier Diagram 43 22T van		5.00



## Etched windows

This range of etched windows is designed to complement the popular Scalescenes 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 Scalescenes 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	5.00	1.50
<b>B</b>	Six small windows for factory T026 Features hinged light and tie bar plates	5.00	1.50
<b>C</b>	Two north-light skylights for factory T026	4.50	1.25
<b>D</b>	Six large-wide sash windows for corner shop T021 Features additional television aerials	5.00	1.50
<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	5.00	1.50
<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	5.00	1.50
<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	5.00	1.50
<b>H</b>	Two bay windows for large terrace T020	5.00	1.50
<b>I</b>	Old-style windows and doors for corner shop T021 Features two shop windows and two doors	5.00	1.50
<b>J</b>	Modern-style windows and doors for corner shop T021 Features two shop windows and two doors	5.00	1.50
<b>K</b>	Four windows (two large, two small) for workshops under arches R019	5.00	1.50
<b>L</b>	Three large sash windows (eight small panes) for scratch builder arches TX00 type K, L & M	4.50	1.25
<b>M</b>	Three large sash windows (four large panes) for scratch builder arches TX00 type K, L & M	4.50	1.25
<b>N</b>	Four ornate windows for scratch builder arches TX00 type H, I and J. Features hinged lights	5.00	1.50
<b>O</b>	Four factory style windows for scratch builder arches TX00 type H, I and J. Features hinged lights and grill	5.00	1.50
<b>P</b>	Three sash and three simple windows for scratch builder arches	4.50	1.25
<b>Q</b>	Engine shed windows for R021 and R022	7.50	2.50
<b>R</b>	Engine shed roof lights for R021 and R022	7.50	2.50
<b>S</b>	Signal box windows, steps and levers for R010	9.00	3.00
<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)	5.00	-
<b>W</b>	Diesel depot windows	7.00	3.00
<b>X</b>	Small semi-circular windows	4.00	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>	6.00
72 pairs of 15 thou fishplates which include full "front and back" bolt detail.	
<b>P002 Point rodding stools</b>	5.00
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>	5.00
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>	5.00
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>	4.00
In 18 thou for use with flat-bottom rail having a foot width of 1.8mm (eg Peco codes 75,80 and 82)	
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>	2.00
Signal cranks - 8 per fret	

## Fittings and accessories

£

### Machined brass fittings

A020	Sprung axleboxes for 6mm cut-out - 3mm axles (per 6)	9.00
A021	Sprung axleboxes for 6mm cut-out - 1/8" axles (per 6)	9.00
A022	Smokebox door handle	4.00
A025	Injectors ( per pair )	2.00
A030	Flexichas bearings for 1/8" axles (per 6)	6.00

### Etched brass detailing parts

A051	Brake and hand wheels	2.00
A052	Pipe flanges and blanking plates	2.00
A053	Chequer plate for loco footplates etc ( 4 patterns )	2.00
A054	Manhole covers and road gulleys	2.00
A057	Smokebox wrapper (11mm wide) and chimney bases	1.00
A058	Cab details	2.00
A059	Steam / valve chest covers	1.00
A060	Handwheels - 2 etches each with 4 wheels	2.00

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

A071	Cab handwheels (set of 18) - nickel silver	2.00
A072	Pipe flanges for 1.375" pipes (set of 20) - nickel silver	2.00
A073	Pipe flanges mixed sizes (set of 20) - nickel silver	2.00
A074	Cab fall plate - dimpled - nickel silver	2.00
A075	Cab fall plate - diamond chequer - nickel silver	2.00
A076	Cab doors	2.00
A077	Nameplate support bracket - nickel silver	1.00
A078	Footsteps - front and rear -- nickel silver	2.00
A079	Brake shoes and hangers - single shoe 6'9" wheels	2.00

A080	AWS bang plate (pair)	1.00
A081	Lamp irons per 10	2.00
A082	Smoke deflectors for rebuilt Patriot / Royal Scot	2.00
A084	Stanier tender - footsteps - brass	2.00

A101	Stanier pattern sprung buffers (set of 4)	6.50
A102	Stanier whistle - turned brass	5.00
A106	Draincocks (pair) - Lost wax	5.00
A107	Safety valve ( pair ) - Lost wax	4.00
A108	Exhaust steam injector (Stanier pattern) - Lost wax	nya
A109	Live steam injector - Lost wax	3.50
A110	Vacuum ejector - Lost wax	3.50
A111	Exhaust steam injector (Fowler pattern) - Lost wax	3.50
A112	Lost wax sprue containing A108, A109, A110, A111	12.00
A120	Tender brake and water scoop handles - Lost wax	1.00

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

E1	GWR engine number plate kit	3.00
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	2.00
E6	GWR ' working' cab seats	1.50
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		2.00
E17	GWR lifting ring shackles and brackets		1.00
E18	GWR engine rear windows with grills		nya
E19	GWR diamond plate for engine fall plate - 4mm		3.00
E21	GWR engine pipe unions		1.50
E22	GWR engine underhung spring - 2 per fret		2.00
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
MF0	Aberdare backhead	W/m	5.00
MF1	ATC battery box	W/m	1.00
MF2	ATC bell	W/m	1.00
MF3	ATC Shoe	W/m	2.00
MF6	Backhead for Belpaire firebox	W/m	4.00
MF7	Backhead for Belpaire firebox	W/m	4.00
MF8	Backhead for round top firebox	W/m	4.00
MF9	Backhead with steam reverse indicator	W/m	4.00
MF10	Bogie axlebox and spring (per 4)	W/m	10.00
MF15	Buffer - Collett type (per 4)	W/m	7.00
MF19	Chimney - parallel	W/m	4.00
MF20	Chimney - tapered	W/m	4.00
MF21	Chimney - tapered	W/m	4.00
MF131	Chimney for 2251 0-6-0	W/m	4.00
MF22	Clack box	L/w	1.50
MF23	Combined ejector and brake	L/w	3.00
MF24	Buffer - Dean type (per 4)	W/m	7.00
MF25	Dome lubricator	L/w	2.00
MF26	Four-cone ejector	L/w	2.00
MF28	Lever reverse - tall	W/m	1.50
MF29	Lever reverse - short	W/m	1.00
MF30	Loco firebox door handles	W/m	1.00
MF33	Long lever reverse handle	L/w	2.00
MF34	Lubricator 2-way pony truck	L/w	2.00
MF36	Lubricator vacuum pump	L/w	1.50
MF38	Pony truck spring cover - later pattern	W/m	1.00
MF39	Pony truck spring cover - original pattern	W/m	1.00
MF40	Rear sandboxes - later style - left	W/m	1.50
MF41	Rear sandboxes - later style - right	W/m	1.50
MF42	Rear spring nests inside cab	W/m	1.50
MF44	Regulator handle	L/w	2.00
MF45	Regulator mounting	W/m	2.00
MF51	Sandbox	W/m	1.50
MF52	Sandbox	W/m	1.50

MF55	Sandbox lid	W/m	1.00
MF56	Sandbox lid	W/m	1.00
MF58	Screw reverse	W/m	1.50
MF60	Screw reverser handle	W/m	1.00
MF61	Short lever reverse handle	L/w	1.50
MF62	Sight feed lubricator - larger	W/m	1.50
MF63	Sight feed lubricator - small	W/m	1.50
MF64	Single cone ejector	L/w	2.00
MF65	Smokebox door	W/m	4.00
MF66	Smokebox door with ring	W/m	2.00
MF67	Smokebox pipe cover	W/m	1.00
MF68	Smokebox pipe cover - early pattern	W/m	1.00
MF69	Smokebox Pipe cover - later pattern	W/m	1.00
MF71	Snifting valve	L/w	1.50
MF73	Steam brake cylinder - left	L/w	2.00
MF74	Steam brake cylinder- right	L/w	2.00
MF75	Top feed	W/m	1.00
MF76	Steam heating valve	W/m	1.00
MF77	Steam lance cock	L/w	1.00
MF78	Steam reverser lever	L/w	2.00
MF79	Steam reversing cylinder	W/m	1.00
MF80	Step - front drop plate	W/m	1.00
MF81	Valve rocker shaft housing	W/m	2.00
MF82	Water gauge	L/w	1.50
MF83	Tender axlebox & spring - for pinpoint bearing at rear (pair)	W/m	3.00
MF88	Tender axlebox & spring - later pattern slotted (pair)	W/m	3.00
MF89	Tender axlebox & spring - later pattern pinpoint rear (pair)	W/m	3.00
MF93	Tender brake cylinder	W/m	1.50
MF99	Tender overflow pipe fountain	W/m	1.00
MF100	Tender sandbox lid	W/m	1.00
MF102	Tender tank vent - large	W/m	2.00
MF104	Tender tank vent	W/m	1.50
MF105	Tender tool box - later type	W/m	2.00
MF107	Tender toolbox - quadrant shape	W/m	2.00
MF108	Tender toolbox - symmetrical shape	W/m	2.00
MF109	Tender toolboxes - left	W/m	1.50
MF110	Tender toolboxes - right	W/m	1.50
MF111	Tender vacuum pipe	L/w	2.00
MF115	Tender water dome	W/m	2.00
MF116	Tender water filler	W/m	1.50
MF118	Tender water gauge - early pattern	W/m	1.50
MF119	Tender water gauge - later pattern	W/m	1.50
MF120	Tender water scoop	W/m	2.00
MF121	Tender steam heating pipe	L/w	2.00
MF201	Smokebox door handles	L/w	3.00
MF202	Short vacuum pipe - early free-standing type	L/w	2.00
MF203	Vacuum pipe - later type	L/w	2.00

**LNWR fittings - as included in the Martin Finney kits**

E25	Locomotive coupling hooks	1.50
E26	A1/A2/A3/A4 coupling rods 29mm + 29mm 7ft 4" + 7 ft 4"	5.00
E28	Screw couplings to be used with E25	1.50
E29	Mud hole door brackets & washout door covers	1.50
E30	Tender lifting ring brackets	1.50
E31	Engine & tender lamp brackets	2.00
E60	Spencer double-acting sprung buffers (per 4)	6.50
MF307	A1 or A3 original chimney	5.00
MF309	A1 or A3 original dome	4.00
MF308	A1 or A3 steam pipe	2.00
MF311	A4 double chimney (with plug)	5.00
MF313	A4 sandbox	1.50
MF312	A4 single chimney (with plug)	5.00
MF305	Brake cylinder common casting	1.50
MF302	Cab seat - later common casting	1.50
MF301	Double chimney common casting	5.00
MF304	Footplate step common casting	1.00
MF310	Single chimney common casting	5.00
MF303	Smokebox cover common casting	1.00
MF306	Smokebox door common casting	5.00
CB5	A1/A2/A3/A4/V2 etc crosshead/piston rod & stuffing box	nya

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

E13	LSWR engine lamp brackets	2.00
E34	SR standard locomotive lamp brackets - 3 different types	2.00
E35	SR lamp brackets - LSWR conversions - 4 different types	2.00
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
MF401	LSWR smokebox door - Drummond - common part	5.00
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
B245	Cast axleboxes and springs for Bachmann LNWR tender (set of 6)	8.50
A251	G2 chimney - LNWR pattern	4.00
A252	G2 chimney - LMS Stanier pattern	4.00

**Other accessories**

		£
<b>A402</b>	<b>Oval buffer overlays</b>	8.00
	Etched nickel silver - 14 pairs for 13" dia. buffers and 20 pairs for 16" dia. 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>	<b>Locomotive axle spacing washers - (12)</b>	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 2019</b>
<b>Expo EM North at Wakefield</b>	<b>September 2019</b>
<b>Scaleforum at Aylesbury</b>	<b>September 2019</b>
<b>Warley NEC</b>	<b>November 2019</b>
<b>Scalefour North at Wakefield</b>	<b>April 2020</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, LNER and LSWR/SR kits has now been released. We are making available separately many of the castings used in the kits.

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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	£160
LNWR Experiment 4-6-0 and Bowen Cooke tender	£170
LNWR 19" Goods 4-6-0 and Bowen Cooke tender	£170
LNWR Prince of Wales 4-6-0 and Bowen Cooke tender	£170
LNWR Precursor 4-4-0 and Bowen Cooke tender	£185
LNWR George the Fifth 4-4-0 and Bowen Cooke tender	£185
LNWR Bowen-Cooke 0-8-2T	£150
LNWR Beames 0-8-4T	£150

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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.