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For the purposes of Trade Description, these kits and components are not a toy and are considered unsuitable for persons under 14 years of age.
In the quest for improvement in quality and supply, specification may occasionally change without prior notice. For many products, the latest version of the instruction sheet may be downloaded from the website - check the appropriate catalogue section and product information page.
In the case of any disagreement or formal grievance, the binding law applicable to any sale shall be the law of England and Wales.

All prices on this list are indicative only and may change without notice – the definitive prices are those on the website product pages.

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SIGNAL PART FINDER CHART

Choose which railway company is closest to the pre-group or post-group/nationalisation region you are modelling, and trace the components across the columns, under the headings of the parts you wish to use. Then replace the "*" by "N" for 2mm scale, "00" for 4mm scale, "0" for 7mm scale, "S7" for finely-detailed 7mm scale, or "G1" for 10mm scale, and consult the appropriate part of the full list to check the parts are available. Please note that only a limited range of parts is currently available in 2mm and 10mm scales. In case of difficulty, phone 01652 635885 or e-mail andrew@modelsignals.com for help.

RAILWAY COMPANY	POSTS & DOLLS	BRACKETS & GANTRIES	ARMS	FINIALS	LAMPS	GROUND SIGNALS
GWR (wooden post era)	S*6,7,17,28,33	S*19	S*14 series	SC*5	SC*4	GS*6 series
GWR/BR(W) (tubular post era)	Brass tube	S*15,34	S*15 series	SC*18	SC*4	GS*6 series
Taff Vale/Rhymney	S*6,7,17,28,33	S*8/3,8/4,27,38	S*3	SC*3	SC*1,8	GS*1
Cambrian	S*6,7,17,28,33	S*27	S*11	SC*10	SC*14, 31	
Barry	S*6,7,17,28,33		S*3	SC*2,16	SC*23	
Southern (lattice post era)	S*2,20,22,23	S*16,21	S*12 series	SC*2,16	SC*6	GS*2
Southern/BR(S) (rail post era)	S*32	S*8/1	S*12 series	SC*20	SC*6	GS*2
LSWR (also S&DJR)	S*2,20,22,23	S*8/3,16,21,36	S*11 series	SC*2	SC*1,28	GS*1
LBSCR	S*6,7,18	S*27,37	S*10	SC*9	SC*14	GS*4
LCDR	S*6,7,7/1,17,28,33	S*16	S*11	SC*17	SC*1	GS*1
SECR	S*2,20,22,23	S*16,26,26/1	S*11	SC*16	SC*1	GS*10
LMS (wooden post era)	S*6,7,17,28,33	S*8/2	S*12 series	SC*10	SC*11	Pre-grouping pattern
LMS/BR(M) (tubular post era)	Brass tube, S*30	S*29, brass angle	S*12 series	SC*19	SC*11	GS*9,11
LNWR	S*2,6,7,17,28,33	S*8/2,16	S*4	SC*10	SC*14,30	GS*4/1, S*4
Midland	S*6,7,17,28,33	S*8/2	S*5	SC*12	SC*23	GS*5 series
NSR	S*6,7,17,28,33	S*26	S*3	SC*3	SC*8	GS*3
Furness	S*2,6,7,17,22,28,33		S*3	SC*10	SC*7	GS*1
M&CR	S*2,22,23		S*11	SC*13	SC*1	
L&YR	S*6,7,17,28,33	S*26,26/1	S*13	SC*13,17	SC*14,23	GS*10
Caledonian	S*2,22,23	S*8/5W, S*16, brass angle	S*11	SC*13	SC*1	GS*1
Highland	S*6,7,17,28,33	S*26, 27, 38	S*3	SC*3	SC*8	GS*3
GSWR	S*2,22,23	S*8/5W, brass angle	S*11	SC*13,15	SC*1	GS*1
LNER (pre-tubular post era)	S*18,33,40,41,42	S*16,24,24/1,39,45,46	S*12 series	SC*21	SC*25	Pre-grouping pattern
LNER/BR(E/NE) (tubular post era)	Brass tube, S*30		S*12 series	SC*29	SC*25	GS*8
GNR	S*18,33,40,41,42	S*21,24,24/1,39,45,46	S*3, 3/3	SC*21	SC*14,23,26	GS*3,4/2
GER	S*6,7,17,28,33	S*27,35	S*3,10/2	SC*3,9	SC*8,14	GS*3
H&BR	S*6,7,17,28,33	S*37	S*11 series	SC*2	SC*1	S*11
NER	S*2,6,7,7/1,17,22,23,28,33	S*8/3,16,21,38,47,48	S*3, 3/4	SC*3	SC*8	GS*3
M&GN	S*6,7,17,28,33	S*8/2,21,24,24/1,39	S*3,5	SC*12,21	SC*23,25	GS*5
NBR	S*2,22,23	S*8/5W,S*21,S*48,brass angle	S*11	SC*15	SC*22	GS*1
GNSR	S*2,22,23	S*26	S*11	SC*13	SC*1	GS*1
MSLR/GCR	S*6,7,17,28,33	S*25,43	S*3	SC*2,27	SC*23	GS*3

Ladders: SN9/3, SN9/7 (2mm); S009, S009/2, S009/3, S009/4, S009/6, S009/7, S009/8 (4mm); S09/3, S09/5, S7/09 (7mm); and G1/09 (10mm) are suitable for nearly all railway companies, with the obvious exception of those that employed a windlass to gain access to the lamp (notably the Caledonian, North British, and Furness Railways). Use the jig-built ladders (S009, S009/2, S7/09 or G1/09) for the LNWR, as only these have the correct radiused top.

Part A) Model Signal Engineering Signal Kits and Components

2mm Scale

Code	Quantity	Price (£)	Item	Description
SN1	7	2.10	Signal post fittings - etched	A selection of balance levers, brackets, weights and signal wire cranks
SN2	2	4.20	Stevens & Co lattice posts	Suitable for most pre-group lines; simple jigged construction
SN3	1	4.20	McKenzie & Holland signals	Lower quadrant arms & fittings for pre-group companies
SN4	1	4.20	LNWR Crewe pattern signal fittings	9 corrugated arms, distant, homes & miniatures, balance weights
SN5	1	4.20	Midland Railway Derby fittings	Acfield pattern wood & metal types for 8 signals
SN8/1	1	2.10	SR offset bracket & staging	Southern Railway cantilever bracket for rail-built base post - takes up to 3 dolls
SN8/2	1	2.10	LNWR & MR brackets & staging	One pair of each of offset type for wooden post mounting
SN8/5W	2	1.20	Short transverse crosstreads	Tread timbers to lay above bracket trimmers
SN9/3	4	4.20	Instant ladders	Four 32ft etched brass ladders ready for immediate use
SN9/7	2	1.50	Instant ladders	Two 20ft ladders as above
SN11	1	4.20	Stevens & Co lower quadrant parts	D & pear shape spectacles, arms & detail for LSWR, NBR, CR, H&BR, LCDR, SECR, & many Colonial Railways
SN12	1	3.00	Upper quadrant signal arms	Original MSE fret – 6 homes, 1 distant, 4 subs, 5 discs and a backboard; post fittings included
SN12/2	1	4.20	Upper quadrant signal arms	Ex-D&S frets - 7 home, 1 distant and 2 shunting arms; includes 7 sets of post fittings
SN14	1	4.20	GWR lower quadrant signals	Wooden style arms and fittings – 15 arms of assorted types
SN15	1	4.20	GWR/BR(W) 1928 series steel arms	8 arms & fittings, 2-doll junction bracket, route indicator; for tubular steel posts
SN17	1	4.20	Cast brass timber post	28' tapered post common to many companies - with centre bearing and lamp bracket
SN19	1	2.10	GWR bracket parts	2-doll offset bracket & staging for wooden post mounting
SN20	1	2.10	Lattice base post	20' heavy base lattice post for bracket signals
SN21	1	1.50	Brackets & staging for 2-doll equal tee	Stevens & Co type for LSWR & others; for use with lattice base post
SN22	2	2.10	Short lattice dolls	Two 15' lattice posts for mounting on brackets and gantries
SN24	1	2.10	GNR/LNER bracket	2-doll offset cantilever bracket and staging
SN24/2	2	2.70	GNR/LNER brackets	Pair of 7' offset and 4' equal tee lattice brackets, with staging
SN30	1	4.50	Cast brass tubular post	30' post for LNER/LMS/BR/Railtrack, with home & distant bearings; fit new post cap for GWR
SN40	1	2.10	GNR/LNER 23ft lattice base post	For bracket signals and gantries - diamond lattice with 14" square base
SN42	2	4.20	GNR/LNER 23ft lattice post	Standard diamond lattice for 1 or 2 arms; cut down for use as bracket/gantry dolls
SN45	1	4.20	GNR/LNER 46' lattice gantry	Girders and 2 ladders; staging, base posts, dolls and their fittings not included
SCN6	2	3.00	Cast brass signal lamps	Lost wax cast in brass for fine detail; suitable for all 2mm signals

3mm Scale

ST2	1	3.00	Stevens & Co 27ft lattice post - etched	Simple jig construction; for LSWR, NER, NBR, LNWR, CLC, SECR, LCDR, LYR, CR, GSWR etc
ST3	1	5.10	McKenzie & Holland signals	Lower quadrant arms & fittings for pre-group companies
ST14	1	5.10	GWR lower quadrant signals	Wooden style arms and fittings – 15 arms of assorted types
SCT8	5	2.10	McKenzie & Holland signal lamp	Large case, ribbed vent lamp for NER, GER, NSR, TVR etc
GST3	3	5.70	McKenzie & Holland ground signals	Horizontally rotating target & lamp for NER, GER, HR, GCR, NSR etc

4mm Scale

Complete signal kits - all the parts to make a home or distant signal, including post, ladder & platform, arm & fittings, lamp, finial, balance weight, glazing & wire.

S4/KE1	1	10.50	LNER/BR(E/NE) tubular post upper quadrant	Build as home or distant, up to 27ft6in tall
S4/KE2	1	12.60	LNER (NBR) lattice post upper quadrant	Modernised ex-NBR signal, up to 27ft tall; also suits ex-GNSR
S4/KE3	1	10.50	LNER (GNR) concrete post upper quadrant	Modernised ex-GNR type, builds up to 25ft tall
S4/KE4	1	10.50	LNER wooden post upper quadrant	Early standard design, up to 27ft tall
S4/KE5	1	10.50	NER slotted post lower quadrant	Standard NER design, up to 28ft tall
S4/KE6	1	10.50	LNER (GNR) lattice post upper quadrant	Modernised ex-GNR type, up to 21ft tall; also suits early LNER installations
S4/KM1	1	10.50	LMS/BR(M) tubular post upper quadrant	Home or distant up to 27ft6in tall; features redrawn arm fret and revised instructions
S4/KM2	1	12.60	LMS (CR) lattice post upper quadrant	Modernised ex-Caley signal, up to 27ft tall; also suits ex-GSWR and Furness Railway
S4/KM3	1	12.60	LMS lattice post upper quadrant	Lattice post for sky arms, up to 42ft tall
S4/KM4	1	10.50	LMS (MR) wooden post upper quadrant	Modernised ex-MR signal, up to 27ft tall; includes L8NWR-pattern post top, for post-1923 signals
S4/KM5	1	12.00	MR wooden post lower quadrant	The original Midland form of S4/KM4, up to 27ft tall
S4/KS1	1	10.50	SR/BR(S) rail-built post upper quadrant	As S4/KM1 above, up to 30ft tall, with the characteristic SR post and fittings
S4/KS2	1	12.00	SR (LSWR) lattice post upper quadrant	As S4/KM1 above, for a modernised 27ft ex-LSWR signal
S4/KW1	1	10.50	GWR wooden post lower quadrant	Home or distant 4' wooden arm, on wooden post up to 25ft tall
S4/KW2	1	10.50	GWR/BR(W) tubular post lower quadrant	Home or distant 4' or goods 3' arm on tubular post up to 26ft tall

Etched brass signal arms & fittings

S003	1	7.20	McKenzie & Holland lower quadrant parts	Parts for 23 signals of different railway companies including somersault & slotted post types
S003/2	1	7.50	MSLR/GCR signal arms	6 arms including one distant; goods line ring and post fittings included (ex-D&S 50SA/250PF)
S003/3	1	7.50	GNR somersault signal arms	4 homes & 2 distants; with J-brackets, operating linkages & post fittings (ex-D&S 250SA/PF)
S003/3M	3	1.50	GNR somersault miniature signal arms	3 subsidiary arms; includes J brackets and operating linkages (ex-D&S 250SAM)
S003/4	1	7.50	NER slotted post signal arms	4 homes, 2 distants, 2 miniatures; with balance levers and sector plates (ex-D&S 150SA)
S003/4M	1	2.10	NER subsidiary signal arms	3 slotted post arms for shunting and calling-on moves (ex-D&S 150SAM)
S004	1	8.10	LNWR Crewe pattern signal fittings	9 corrugated arms, distant, homes & miniatures, balance weights
S005	1	TBA	Midland Railway Derby fittings	Acfield pattern wood & metal types for 8 signals (withdrawn for retooling)
S005/1	2	2.10	MR signal arms	Wooden & steel home & subsidiary arms, fittings & platform; as used in S4/KM5
S0010	1	7.20	Saxby & Farmer lower quadrant signals	Signals for LBSCR, Met, Irish Railways & narrow gauge lines
S0010/2	1	7.50	GER lower quadrant signals	6 home and 1 backing arms, including platforms and post fittings (ex-D&S 100SA/250PF)

Code	Quantity	Price (£)	Item	Description
S0011	1	7.20	Stevens & Co lower quadrant parts	D & pear shape spectacles, arms & detail for LSWR, NBR, CR, GSWR, H&BR, LCDR, SECR, Cambrian, & many overseas railways
S0011/1	3	2.40	LSWR lower quadrant stop signal arms	More detailed version of S0011 (ex-D&S 600SW/HB)
S0011/2	3	2.40	H&BR lower quadrant stop signal arms	More detailed version of S0011 (ex-D&S 150HB/SA)
S0012/1	1	3.00	Upper quadrant signal parts	Super detailed parts for one home or distant arm; includes balance lever, platform etc.
S0012/2	1	7.50	Upper quadrant signal arms	7 homes, 1 distant and 2 shunting arms; includes 7 sets of post fittings (ex-D&S 300SA/250PF)
S0012/3	1	1.50	Upper quadrant signal arms	Budget pack of 3 homes and 1 distant for improving plastic signals (ex-Mainly Trains MT151)
S0013	1	7.20	Lancashire & Yorkshire Railway signals	Variety of 15 arms and fittings for 1893 & 1912 types
S0014	1	7.20	GWR wooden signal arms (1887 onwards)	15 signals & fittings of 9 different types for square wooden posts
S0014/1	1	3.00	GWR 4' wooden signal arm	Super detailed parts for one home or distant arm; includes balance lever, platform etc.
S0014/2	1	7.50	GWR wooden signal arms	Alternative selection including homes and distants in both 5' and 4' lengths; 3' goods arms; backing and subsidiary arms; and S and O symbols (ex-D&S 500SA)
S0015	1	7.50	GWR/BR(W) 1928 series steel arms	8 arms & fittings, 2-doll junction bracket, route indicator; for tubular steel posts
S0015/1	1	3.00	GWR steel signal parts	Detailed parts for one home, distant or goods arm; includes balance lever, platform etc.
S0015/3	1	1.50	GWR steel signal arms	Budget pack of 3 homes and 1 distant for improving plastic signals (ex-Mainly Trains MT150)

Etched brass & cast whitemetal/pewter signal posts, brackets, gantries, ladders and fittings

S001	7	4.50	Signal post fittings - etched	A selection of balance levers, brackets, weights and signal wire cranks (ex-D&S 250PF)
S002	1	5.70	Stevens & Co 27ft lattice post - etched	Simple jig construction; for LSWR, NER, NBR, LNWR, CLC, SECR, LCDR, LYR, CR, GSWR etc
S006	2	2.70	25' wooden posts - cast	Two tapered centre bearing posts - common to many companies
S007	2	6.00	Wooden bracket signal base posts	Cast, 21' tall; notched top to suit cast brackets such as S0038 (ex-D&S 150SP4)
S007/1	2	2.40	Slotted post adapters, etched	Easy to assemble method of producing NER and other slotted posts
S007/2	2	2.10	NER single arm slotted post profiles	For use with notched wooden posts S0031 below (ex-D&S 150SP1)
S007/3	2	4.20	NER two-arm slotted post profiles	As above (ex-D&S 150SP2)
S007/4	2	2.10	NER slotted doll profiles	Use with notched wooden dolls S0031/1 & 2(ex-D&S 150SP5/6); one- and two-arm versions included
S008/1	1	3.60	Westinghouse SR 13' bracket	Cantilever 1 to 3-doll bracket & landing for rail-built post
S008/2M	2	7.50	MR signal brackets	Horizontal parts with landing for single, 2 or 3-doll brackets
S008/2W	2	4.50	LNWR signal brackets	As above, for the LNWR and early LMS
S008/3	1	6.00	20' 4-doll cantilever bracket	McKenzie & Holland type supplied to NER, TVR & others; includes staging
S008/4	1	1.80	Arch bracing for above	For use with twin lattice base posts, includes platform
S008/5N	1	1.50	Short transverse crosstreads	Half-tagged tread timbers to lay above bracket trimmers; available in narrow (used by MR)
S008/5W	1	3.60		and wide patterns
S008/6	1	2.70	Trimmers & cross-treads for 2-doll bracket	Enough etched parts to do staging for one 2-doll bracket of any type
S008/7	1	1.50	Long parallel timber treads for brackets	Suitable for 2-doll offset or tee bracket staging
S008/8	1	7.20	Short transverse crosstreads	Extra-long (180mm) version of S008/5W for gantries and large brackets
S009	1	3.60	30' jig-built ladder, all companies	Fold-up jig ensures accurate placing of wire rungs in flat side stiles (wire included). Both
S009/2	2	6.90	Two 30' ladders as above	have radiused stiles for LNWR straight post and bracket signals - remove for other companies
S009/3	2	3.00	Instant ladder, two x 30'	Thin stiles, half-etched rungs, no soldering - just paint & fit
S009/4	1	2.10	Instant ladder, one x 30'	Single version of S009/3; redrawn, of finer section
S009/6	2	3.90	Instant ladder, two x 40'	Longer version of S009/3, for sky arm posts (ex-D&S 250SL1)
S009/7	3	4.20	Instant ladder, three x 23'	Shorter version of S009/3, for shorter signals and tall dolls (ex-D&S 250SL2)
S009/8	3	2.10	Instant ladder, three x 15'	Even shorter version of S009/3, for small signals and dolls (ex-D&S 250SL3)
(Jig-built ladders up to 58' long may be found in Part E below)				
S0016	1	12.00	2-doll lattice balanced bracket (complete)	25' base post, 9'6" & 7' dolls, for any configuration; includes all ladders
S0017	2	6.00	20' wooden posts - wide base	With side bearing; remove bearing for use as a bracket base post
S0018	2	6.00	25' concrete signal posts	Pierced with pear-shaped holes as GNR/LNER prototype; finial included
S0019	1	3.00	GWR offset 2-doll bracket	8' braced cantilever bracket & staging for timber base post & dolls - includes goods line ring & backing arm
S0020	1	4.80	Lattice post for brackets	20ft flat-braced tapered lattice base post, Railway Signal Co type
S0021	1	3.00	Saxby & Farmer 9'6" 2 or 3 doll bracket	Older style as used by NBR, LSWR, NER for high brackets; includes staging
S0022	3	3.60	Lattice dolls	2 x 15' & 1 x 9' lattice posts for bracket signals
S0023	1	9.00	Lattice post - 45'	With ladder & landings - bearings for sky arm & co-acting arm
S0024	1	6.00	GNR/LNER 7'bracket	2-doll offset cantilever bracket and staging
S0024/1	1	3.30	GNR/LNER balanced tee bracket	As above for equalised bracket, any height, lattice or timber
S0024/2	2	5.10	GNR/LNER equal tee and offset brackets	7' doll centres equal tee and offset types, including staging (ex D&S250SB2)
S0025	1	3.00	GCR cast ring bracket components (small)	4'x3'6" and 4'x4' brackets, trimmers & staging; used by GCR & others
S0026	1	4.20	Ring bracket components	5'4" single and two 2'8" equal tee brackets with trimmers & staging - LYR, SECR & others
S0026/1	1	1.50	Large 4 ring cast bracket	6'6"x7'3" bracket only, needs S008/6 crosstreads & trimmers - common LYR & SECR style
S0027	1	3.00	Saxby & Farmer equal or offset brackets	2-doll fitting for GER, LBSCR, Cambrian & HR wooden posts
S0028	2	6.00	Wooden 37'6" signal posts	Suitable for home & distant sky arms – GWR & others. Has cast-in side bearings
S0029	1	12.00	LMS cantilever bracket signal	Welded stem cantilever bracket - takes up to 4 dolls
S0031	2	6.00	NER wooden signal posts	Cast 24'6" posts; notched tops fit the slotted post profiles in the S007 series (ex-D&S 150SP3)
S0031/1	2	1.50	NER short signal dolls	Cast 4'3" tall dolls; notched tops fit the slotted doll profiles S007/4 (ex-D&S 150SP5)
S0031/2	2	2.10	NER medium signal dolls	As above, but 7'6" tall (ex-D&S 150SP6)
S0032	2	6.00	SR rail-built posts	Cast 30ft posts with side bearing & lamp bracket; needs finial SC0020
S0033	2	1.50	Short wooden dolls	Cast 7'3" tall dolls; 6' to arm bearing (ex-D&S 250SD1)
S0033/1	2	1.80	Medium wooden dolls	Cast 9'9" tall dolls; 8' to arm bearing (ex-D&S 250SD2)
S0033/2	2	1.80	Tall wooden dolls	Cast 15' tall dolls; 13'6" to arm bearing (ex-D&S 250SD3)
S0034	1	4.20	GWR 4-doll balanced tee bracket	For use with tubular posts in the later GWR & BR(W) periods
S0035	1	2.40	Saxby & Farmer X-brace bracket	Outrigger bracket from main post for single doll, including staging; used by GER
S0036	1	3.00	Stevens & Co wooden post 2-doll bracket	Equal tee 3-ring brackets, scrolled trimmers & staging; as used by LSWR, Lynton & Barnstaple
S0037	4	1.50	McKenzie & Holland single ring brackets	Four brackets 2'10½" x 2'6" with centre ring and curved arch brace; used by H&BR, LBSCR
S0038	1	4.20	McKenzie & Holland 2-doll equal tee bracket	Heavy cast style, for NER, TVR & others; includes landing
S0038/1	1	4.50	McKenzie & Holland 9' offset bracket	Style as above; can be built as LH or RH offset (ex-D&S 150SB1)
S0039	1	3.60	GNR/LNER 9' cantilever bracket	Offset bracket for lattice or wooden posts; includes staging

Code	Quantity	Price (£)	Item	Description
S0040	1	3.60	GNR/LNER 23ft lattice base post	For bracket signals - diamond lattice with 14" square base (ex-D&S 250SP1)
S0041	1	1.50	GNR/LNER 15ft lattice doll	8" square base post for upper works on bracket signals (ex-D&S 250SP3)
S0042	1	3.60	GNR/LNER 23ft lattice post	Standard diamond lattice for 1 or 2 arms; add to S0040 base for a taller post (ex-D&S 250SP2)
S0043/1	5	TBA	MSLR/GCR landings	Three symmetrical and two offset 2' x 2' landings for straight post signals (ex-D&S 50SL1)
S0043/2	2	1.50	MSLR/GCR 3'6" pitch landing	For two-doll bracket signals (ex-D&S 50SL2A)
S0043/3	2	1.80	MSLR/GCR 4'6" pitch landing	For two-doll bracket signals (ex-D&S 50SL2B)
S0043/4	1	1.50	MSLR/GCR 6' pitch 2-doll equal tee landing	For use with D&S 50SB (ex-D&S 50SL2C)
S0043/5	1	3.00	MSLR/GCR 6'6" pitch 3-doll landing	For three-doll bracket signals (ex-D&S 50SL3)
S0044/1	4	1.50	NER single arm post landings	Four-plank landings for single arm signals (ex-D&S 150SL1)
S0044/2	4	1.50	NER two-arm post landings	Two each of the small & large landings for upper & lower arms respectively (ex-D&S 150SL2)
S0045	1	17.10	GNR/LNER 46' lattice gantry	Girders, landing and 2 ladders; base posts, dolls and fittings not included (ex-D&S 250SG)
S0046	1	4.50	GNR/LNER 11' lattice bracket	Offset style, for use with wooden, concrete or lattice base posts (ex-D&S 250SB1)
S0047	1	3.00	NER signal bridge lattice	Two girders, each of 27' span (ex-D&S 150SG)
S0048	1	TBA	NER/NBR 4' lattice bracket	For bracketed subsidiary signals; use two packs for an equal tee signal (ex-D&S150SB3)
S0049	1	TBA	NER/NBR 10' lattice bracket	For larger bracket signals (ex-D&S 150SB6)

Cast whitemetal lamps, finials & balance weights

SC001	5	1.50	Stevens & Co signal lamp	Round-case lamp for LSWR, S&DJR, CR, GSWR, TVR, SECR & others
SC002	5	3.00	Stevens & Co cruciform finial	Unique pattern for LSWR, SR, S&DJR, H&BR & certain GCR areas
SC003	5	3.00	McKenzie & Holland finial	Tall umbrella & spike for GER, NER lattice posts, NSR, HR, TVR, RR & Colonial railways
SC003/2	5	2.70	NER finials	As above, but with notched base to fit the slotted post/doll adapters (ex-D&S 150SF)
SC004	5	1.50	GWR signal lamp	Round-case GWR signal & crossing gate lamp
SC004/1	8	1.50	GWR lamp brackets and back blinders	Eight lamp brackets and four back blinders (etched brass, ex-D&S 500SLP)
SC005	5	2.40	GWR square post finial	GWR Reading S&T type for square wooden posts
SC006	5	2.40	Southern Railway signal lamp	SR upper quadrant lamp with square reflector
SC007	5	3.00	Pre-grouping 3-aspect lamp	Early Saxby & Farmer square design for signals & point indicators
SC008	5	3.60	McKenzie & Holland signal lamp	Large case, ribbed vent lamp for NER, GER, NSR, TVR etc
SC009	5	2.70	Saxby & Farmer finial	Pagoda style finial for GER, LBSCR & some Irish companies
SC0010	5	1.80	LNWR/LMS/LNER bevel top post cap	LNWR & early LMS/LNER wooden posts & dolls
SC0011	5	2.40	LMS Adlake lamp	LMS & BR (LMR) D-shaped case signal lamp
SC0012	5	2.70	Midland Railway finial	MR pre-1912 fluted design; fill the flutes with solder for the post-1912 type
SC0013	5	3.00	Stevens & Co Scottish railway finial	Large ball & spike for all Scottish railways except the HR; modify for LYR, CLC & LTSR
SC0014	5	3.30	Saxby & Farmer signal lamp	Large round case suitable for LNWR, L&YR, GER, GNR, LBSCR & Cambrian
SC0015	5	2.70	Stevens & Co NBR finial	Later Stevens pattern for NBR & GSWR; open circular centre
SC0016	5	2.10	4-sided dart finial	Evans O'Donnell 4-sided dart casting for Barry Railway, SECR, SR, Lynton & Barnstaple
SC0017	5	2.70	Cruciform flat ball & spike finial	As used by LCDR & LYR (1912 pattern)
SC0018	5	2.70	GWR tubular post finial	GWR Reading S&T type for 1930s tubular post signals
SC0019	5	3.00	LMS/LNER tubular post cap	Post-grouping standard cap for LMS & LNER, plus later BR signals
SC0020	5	3.30	SR cap for rail-built post	For Southern Railway rail-built signal posts
SC0021	5	2.10	GNR ball & spike finial	McKenzie & Holland design for GNR/LNER lattice & wooden post signals
SC0022	5	1.50	NBR signal lamp	Distinctive North British Railway design - double cowl ventilator
SC0023	5	2.10	Midland Railway signal lamp	Small round Derby type; also suitable for GNR, GCR, L&YR and M&GN
SC0024	5	2.70	Level crossing gate lamp	Round-case lamp with blinkered lens; SC007 is an earlier design for crossings
SC0025	5	1.80	LNER upper quadrant signal lamp	Lamp Mfg Co design for upper quadrant & ground signals
SC0026	5	2.10	GNR signal lamps	Round-case lamp, including support bracket (ex-D&S 250SL)
SC0027	5	2.40	GCR ball & spike finial	Short wooden ball & spike finial
SC0028	5	2.40	Stevens & Co ball & spike finial	Used by LSWR & other companies for early examples of signalling
SC0030	5	2.70	LNWR round-case signal lamp	Flat lens round-case lamp of Crewe design; in use to BR days
SC0032	5	2.40	MSLR/GCR signal lamps	Round case, with integral support bracket (ex-D&S 50SL)
SC0033	5	4.80	Westinghouse signal motor	Dummy motor with operating arm; commonly found on distant signals
SC0041	1	3.30	Small balance weight (complete)	Common round 20lb balance weight, including cast brass bracket & lever
SC0042	1	3.30	Large balance weight (complete)	As SC0041, but with larger dished 30lb balance weight; especially suitable for LNWR & MR
SC0043	1	3.30	LSWR/SR balance weight (complete)	As SC0041, with distinctive LSWR/SR pattern 30lb weight
SC0041/1	10	1.50	Small balance weight	Pack of 10 whitemetal weights as in SC0041-43 above, for use with the etched balance levers
SC0042/1	10	1.50	Large balance weight	on signal arm frets S004-S0015
SC0043/1	10	1.50	LSWR/SR balance weight	

Ground & banner repeater signals

GS001	2	4.50	Stevens & Co drop flap signal	Square body - variants for LSWR, CR, GSWR, NBR & Furness
GS002	2	4.50	Westinghouse ground disc	Rotating half-disc for SR, BR(S)
GS003	2	5.10	McKenzie & Holland rotating head	Horizontally rotating target & lamp for NER, GER, HR, GCR, NSR
GS004	2	4.50	Saxby & Farmer rotating head	LBSCR 3-target head with limit of shunt; to improved specification
GS004/1	2	4.50	LNWR rotating head	1881 Crewe pattern; LMS discs modification included
GS004/2	2	4.80	Saxby & Farmer rotating head	GNR version of GS004; LNER discs modification included
GS005	2	4.50	Midland Railway Acfield type	1910 pattern with later variants including rugby ball target
GS006	2	4.50	GWR 1910 cast open body	11" disc - in use on branch lines till early BR(W); will convert to double head
GS006/1	2	4.50	GWR 1920 cast open body	As above, but with 16" disc
GS006/2	2	4.50	GWR 1890 arm or disc pattern	Build as either the miniature arm or half-moon disc type
GS007	2	4.50	Sykes banner repeater signal	Home or distant; cast body, etched bezel; needs post & ladder
GS008	2	5.40	LNER upper quadrant disc	1938 LNER pattern; still in use in many areas – now includes disc stripe transfers
GS009	2	4.50	LMS 1934 standard pattern	Westinghouse pattern used till late LMS period; will double up

Code	Quantity	Price (£)	Item	Description
GS0010	2	4.50	Lancashire & Yorkshire Railway	Pre-group Railway Signal Co type on tall cast post, small arm
GS0010/1	2	4.50	SECR short arm ground signal	Distinctive SECR style with balance weight cast into the arm
GS0011	2	4.50	LMS/BR Westinghouse type	Late LMS stacking type standardised by BR; in current use

Colour light signal parts

CL001	5	2.10	Base castings	Square bases for signals with tubular posts around 6" diameter (use T200A)
CL002A	5	3.00	Dac signal post telephones	Angular box for signal post mounting – baseplates included
CL002B	5	3.00	Titan signal post telephones	As above, curved box style
CL002C	5	3.00	Plessey signal post telephones	As above, rectangular box style
CL003	12	3.60	Main aspect lenses	2.5mm diameter, moulded clear (use LENS to give the colours)
CL004	4	3.00	Main aspect hoods	Machined brass Westinghouse lens hoods
CL005	1	5.70	Signal detailing pack	Includes dummy theatre indicator and equipment box fronts (ex-Comet SIG01)

Single-track level crossings (cast whitemetal & etched brass)

LC4/1	1	21.00	GWR 2 gate crossing	Correct cast conical gateposts
LC4/2	1	21.00	GNR/NER/LNER 2 gate crossing	Double hinge square gatepost
LC4/3	1	21.00	Midland/LNWR 2 gate type	Bevel cap gate post
LC4/4	1	21.00	McKenzie & Holland LBSCR/NSR type	Cast octagonal gate posts; many variants
LC4/5	1	21.00	LSWR/SR common crossing	Square low timber gatepost

All level crossing kits contain two 3 bay road gates, wicket gates, etched targets, bottle locks, netting and lamps. Order two kits for a double track crossing.

Other S&T Department items

LS005	20	4.80	Point rodding stools	Cast 7-way & 10-way stools to take wire rodding; cosmetic only
LS006/1	1	3.00	Rodding cranks & pulleys	Variety of cranks, expanders, pulleys etc for point rodding & signal wire use
LS006/2	10ft	4.20	Square point rodding wire	0.4mm square straight nickel silver wire for scale point rodding
LS006/3	10ft	3.00	Round point rodding wire	As above, but round
LS007	10	1.50	Signal wire pulley wheels	15" diameter dummy wheels (ex-D&S 1000PW)
LS008	10	2.40	Signal wire pulley posts	Cast "cedar" square posts & pulleys; for multiple horizontally aligned wires
LS008/1	10	2.40	Signal wire pulley posts	As above, but for multiple vertically aligned wires
LS008/2	10	2.40	Signal wire pulley posts	As above, but for single wires
LS008/3	5m	1.50	Signal wire	Scale signal wire – 0.07mm stainless steel
LS008/4	10	3.00	Signal pull rod/handrail wire	0.3mm round straight nickel silver wire
LS008/5	10	4.50	Signal wire pulley posts	Vertical 10-way stack for use on retaining walls, bridges etc.
LS009	1	3.00	4-lever ground frame	Saxby & Farmer type - controls exits from yards etc; cosmetic only
LS0014	8	3.00	Yard point levers (cosmetic only)	Etched brass cranked point levers, universal type, with riveted sleeper plate
LS0014/1	4	3.00	“Kick over” yard point levers (cosmetic)	Alternative design of yard point lever; two cast components
LS0015	12	3.00	Telegraph pole cross-arms	Cast arms, 18mm long, with four insulators each
LS0017	1	18.00	GWR token exchange apparatus	Lost wax brass castings (ex-Mainly Trains MT243)
SF07	35	9.00	Signal box levers	Etched brass levers and catch handles, including frame spacers (by Smiths)
DK1	1	18.30	Signal box interior kit (large)	Castings for 30 levers, block & token instruments, gate wheel, stove etc (by Springside)
DK6	1	11.70	Signal box interior kit (small)	Castings for 12 levers, block instruments, stove etc (by Springside)
SLC012	16	7.80	GWR finials	Contains 8 signal box finials and 4 ventilators, and 4 square post signal finials (by Scale Link)

7mm Scale

Complete signal kits - all the parts to make a home or distant signal, including post, ladder & platform, arm & fittings, lamp, finial, balance weight, glazing & wire.

S7/KE1	1	21.00	LNER/BR(E/NE) tubular post upper quadrant	Home or distant up to 30ft tall; features redrawn arm fret and brass tube post
S7/KE2	1	27.00	LNER (NBR) lattice post upper quadrant	Modernised ex-NBR signal, up to 27ft tall; also suits ex-GNSR
S7/KE4	1	21.00	LNER wooden post upper quadrant	Early standard design, up to 27ft6in tall
S7/KM1	1	22.50	LMS/BR(M) tubular post upper quadrant	Home or distant up to 27ft6in tall; the LMS equivalent of the above
S7/KM2	1	27.00	LMS (CR) lattice post upper quadrant	Modernised ex-Caley signal, up to 27ft tall; also suits ex-GSWR and Furness Railway
S7/KM4	1	21.00	LMS (MR) wooden post upper quadrant	Modernised ex-MR signal, up to 27ft6in tall; with LNWR-style post top for post-1923 signals
S7/KM5	1	25.50	MR 27ft6in wooden post signal	Choice of wooden or steel home arms or subsidiary arm (ex-S7/K5, now with taller post)
S7/KM6	1	21.00	LNWR 25' wooden post signal	Crewe pattern corrugated home arm (ex-S7/K4, now with taller post)
S7/KS2	1	27.00	SR (LSWR/LCDR) lattice post upper quadrant	Modernised pre-Grouping design, build as home or distant up to 27ft tall
S7/KS3	1	21.00	LSWR/SR 20' lattice post signal	With tapered wooden or steel home arm
S7/KW1	1	22.50	GWR wooden post lower quadrant	Home or distant 4' wooden arm, on wooden post up to 26ft tall
S7/KW2	1	24.00	GWR/BR(W) tubular post lower quadrant	Home or distant 4' or goods 3' arm on tubular post up to 26ft tall

Signal arms & fittings - etched in 0.015" brass

S03	1	18.00	McKenzie & Holland arms & fittings	Sufficient for 23 signals including somersaults, standard & slotted arms
S03/1	1	6.60	Somersault arm operating mechanism	In cast brass for prototypical movement of S03 somersault arms; GNR and TVR
S03/3	1	13.50	GNR somersault signal arms	Four homes and two distants; includes J brackets, operating linkages and post fittings
S03/4	1	13.50	NER slotted post signal arms	Four homes, two distants and two subsidiary arms; includes post fittings
S04	1	15.00	LNWR signal arms (sufficient for 9 signals)	Crewe-type corrugated arms; includes back blinders & miniatures
S05	1	TBA	MR signal arms (sufficient for 8 signals)	Acfield pattern wood & metal type arms, with hammerheads etc.
S010	1	18.00	Saxby & Farmer signal arms & fittings	For Met, LBSCR & Irish railways; also used by many narrow gauge lines
S010/2	7	15.00	GER lower quadrant signals	6 home and 1 backing arms, including platforms and post fittings (ex-D&S 100SA-7/300PF-7)
S011	1	18.00	Stevens & Co signal parts (for 14 signals)	Standard & pear-shaped spectacles; includes scissors backing arms
S012/1	1	7.50	Upper quadrant signal parts	Super detailed parts for one home or distant arm; includes balance lever, platform etc.
S012/2	1	15.00	Upper quadrant signal arms	7 home, 1 distant and 2 shunting arms; includes 7 sets of post fittings (ex-D&S 300SA-7/PF-7)
S013	1	18.00	L&YR signal arms	Variety of 15 arms and fittings for 1893 & 1912 types
S014	1	15.60	GWR wooden signal arms (1887 onwards)	Suitable for square wooden posts; 15 signals of 9 different types
S014/1	1	7.50	GWR 4' wooden signal arm	Super detailed parts for one home or distant arm; includes balance lever, platform etc.
S015	1	18.00	GWR/BR(W) 1928 steel signal arms	8 arms & fittings, 2-doll junction bracket, route indicator; use with tubular steel posts
S015/1	1	6.60	GWR steel signal parts	Detailed parts for one home, distant or goods arm; includes balance lever, platform etc.

Etched brass & cast whitemetal signal posts, brackets, gantries, ladders and fittings

Code	Quantity	Price (£)	Item	Description
S01	7	8.70	Signal post fittings - etched	A selection of balance levers, brackets, weights and signal wire cranks (ex-D&S 300PF-7)
S06	1	5.10	Wooden 30' signal post - cast	With side arm bearing, lamp bracket & balance weight bracket
S07	1	3.00	Bracket signal 20' base post	1'3" square base tapering to 10" square; includes balance weight bracket
S07/1	2	5.40	Slotted post profiles, etched	Easy to assemble method of producing NER and other slotted posts
S08/1	1	6.60	Westinghouse SR 13' bracket	Cantilever 1 to 3-doll bracket for rail-built post
S08/2M	2	7.50	MR signal brackets	4' x 3' brackets with trimmers and landing, suitable for equal tee or offset 2 or 3-doll brackets
S08/2W	2	12.00	LNWR signal brackets	7' x 5'6" type S61 brackets with trimmers; also used in early LMS days
S08/3	1	12.00	20' 4-doll cantilever bracket	McKenzie & Holland type supplied to NER, TVR & others; includes staging
S08/4	1	5.10	Arch bracing for above	For use with twin lattice base posts
S08/5W	1	2.10	Short transverse crosstreads	Half-tagged wide tread timbers to lay above bracket trimmers
S08/6	1	4.50	Trimmers & crosstreads for 2-doll bracket	Enough etched parts to do staging for one 2-doll bracket of any type
S08/7	1	2.70	Long parallel timber treads for brackets	Suitable for 2-doll offset or tee bracket staging
S09/3	2	10.50	Instant ladders – 2 x 32'	Half-etched rungs with raised side stiles - no work required, just paint & fit
S09/5	1	7.20	Instant ladder, one x 30'	Single version of S09/5; redrawn, of finer section. Includes lampman's platform
S017	1	3.00	18' cast timber post	With centre or side bearing for the arm; ideal for use in station limits
S019	1	7.50	GWR 2-doll cantilever bracket	8' braced arch type for timber post & dolls; includes staging, backing arm and goods line ring
S020	1	8.10	20' heavy base lattice post	Flat braced lattice, ideal for large lattice bracket configurations
S021	1	2.70	Pair of braced brackets	Wooden or lattice post; use 1 pair for offset, 2 for equal tee brackets; LSWR/SR, NER, NBR
S022	2	6.60	15' lattice dolls	Suitable for all lattice upper post work on bracket signals
S024	1	16.50	GNR/LNER cantilever bracket	6'6" signal bracket & staging for offset doll; use two for a 3-doll bracket
S024/1	1	10.50	GNR/LNER equal tee bracket	Bracket & staging for lattice or timber posts
S024/2	2	10.50	GNR/LNER equal tee and offset brackets	7' doll centres equal tee and offset types, including staging (ex D&S250SB2-7)
S025	1	7.50	GCR cast ring bracket components (small)	4'x3'6" and 4'x4' brackets, trimmers & staging; used by GCR & others
S026	1	9.30	Ring bracket components	5'4" single and two 2'8" equal tee brackets with trimmers & staging - LYR, SECR & others
S026/1	1	2.70	Large 4 ring bracket	Railway Signalling Co style for L&YR, SECR & others; size 6'6"x 7'3"
S027	1	8.40	Saxby & Farmer equal or offset brackets	2-doll, suitable for GER, LBSCR, Cambrian & HR; includes trimmers & staging
S028	1	5.10	Cast 25' 2-arm timber post	With integral detail for bearings & balance weight/lamp brackets
S029	1	24.00	LMS cantilever bracket	Welded stem cantilever bracket - takes up to 4 dolls
S030	1	3.00	Cast 19'10" tubular post	For LMS/LNER/BR upper quadrants; with bearings, lamp fixings & post cap
S032	1	3.00	Cast 16'6" SR rail-built post	Finial, lamp fixing and all other detail for this distinctive type
S033	2	2.70	Cast wood dolls for bracket signals	6'6" tall, centre or side bearing for the arm; simple fixing to brass trimmers
S034	1	11.10	GWR 4-doll balanced tee bracket	For use with tubular posts in the later GWR & BR(W) periods
S035	1	4.50	Saxby & Farmer X-brace bracket	Outrigger bracket from main post for single doll, including staging; used by GER
S036	1	9.00	Stevens & Co wooden post 2-doll bracket	Equal tee 3-ring brackets, scrolled trimmers & staging; as used by LSWR, Lynton & Barnstaple
S037	4	2.70	McKenzie & Holland single ring brackets	Four brackets 2'10½" x 2'6" with centre ring and curved arch brace; used by H&BR, LBSCR
S038	1	3.60	McKenzie & Holland 2-doll equal tee bracket	Heavy cast style, equal tee for timber posts; for NER, TVR & others
S039	1	15.00	GNR/LNER 9' bracket	9' cantilever bracket for parallel running lines; includes staging
S045	1	33.00	GNR/LNER 46' lattice gantry	Girders, landing and two ladders; base posts, dolls and their fittings not included
S045/1	1	16.50	GNR/LNER 24' gantry extension	Cantilevered extension to S045 above

Super Seven parts - extra-fine detail

S7/02	1	6.60	Stevens & Co 20' lattice post	Includes ladder, landing, arm bearing and lamp bracket; easy construction
S7/02/1	1	0.90	Landing treads	For those signals having a landing at the ladder top
S7/02/2	1	12.60	Stevens & Co 30' lattice post	As for S7/02, except that no ladder is included - use S7/09
S7/04	1	2.40	LNWR corrugated stop arm	With built-up arm, spectacle, motion plate & blinder; full detail
S7/04/1	1	0.60	LNWR calling-on arm	Late 1870s design with no spectacle, in use to BR days
S7/05	2	5.10	MR signal arms	Wooden & steel home & subsidiary arms, fittings & platform; as used in S7/KM5
S7/09	1	9.00	30' jig-built ladder & landing	With radiused top for LNWR; easily the best ladder on the market (rung wire included)
S7/11	1	2.40	LSWR steel or wood arm	Choice of fittings with spectacle & blinder etc
S7/12	1	2.40	Westinghouse upper quadrant stop arm	LMS/LNER/SR/BR folded edge arm with spectacle (two layer) & fittings
S7/14	1	2.40	GWR wooden arms	Home or distant 4' arms or 3' subsidiary, with all fittings, spectacles etc.
S7/14/1	2	0.90	GWR arm symbols	Common S & O for shunt & goods loop, in etched brass
S7/22	2	5.10	Stevens & Co lattice post dolls	10'6" & 7' tall for most companies' bracket signals; includes arm bearing & lamp bracket
S7/33/1	1	2.40	LNWR 11'6" wooden doll	With home & distant arm bearings and trimmer shoe; easily modified for other companies
S7/33/2	1	1.80	LNWR 8' wooden doll	Shorter, single bearing version of above; use both for correctly-proportioned junction signal
S7/40	1	TBA	GNR/LNER 23ft lattice base post	For bracket signals - diamond lattice with 14" square base (ex-D&S 250LP3-7)
S7/41	1	5.40	GNR/LNER 15' lattice doll	8" base diamond lattice for upper dolls on GNR/LNER bracket signals (ex-D&S 250LP1-7)
S7/42	1	6.00	GNR/LNER 23ft lattice post	Standard diamond lattice for 1 or 2 arms; add to S7/40 for a taller post (ex-D&S 250LP2-7)

Lamps & finials in cast whitemetal

SC01	3	2.70	Stevens & Co signal lamp	Round-case lamp for LSWR, CR, GSWR, S&DJR, plus other Stevens contracts
SC02	3	2.40	Stevens & Co cruciform spike finial	Unique pattern for LSWR, SR, S&DJR, H&BR, GCR (Guide Bridge) & others
SC03	3	2.40	McKenzie & Holland finial	Umbrella & spike for GER, NER, NSR, HR, TVR, RR & Colonial railways
SC03/1	1	4.20	McKenzie & Holland finial	Shorter version of above for subsidiary signals, in cast brass
SC04	3	2.10	GWR signal lamp	Round-case lamp in general use throughout the system
SC05	3	2.10	GWR ball & spike finial	Correct pattern for square wooden posts
SC06	3	2.70	Southern Railway signal lamp	Railway Signal Lamp Co square lens lamp used throughout the SR and BR(S)
SC07	3	2.70	Square lantern - flat top	Early pre-grouping multi-purpose signal lantern

Code	Quantity	Price (£)	Item	Description
SC08	3	2.70	McKenzie & Holland signal lamp	Round-case, ribbed vent lamp for NER, NSR, HR, TVR etc
SC08/1	3	2.40	McKenzie & Holland signal lamp	Alternative pattern to SC08, with larger case and plain vent
SC09	3	2.10	Saxby & Farmer pagoda top finial	GER, LBSCR & some Irish companies
SC010	3	2.10	LNWR/LMS/LNER bevel top post cap	LNWR & early LMS/LNER wooden posts & dolls
SC011	3	2.10	LMS Adlake signal lamp	No.25 type D-shaped case lamp, in use on LMS & BR (LMR) to the present day
SC012/1	3	2.10	Midland Railway finial (old type)	MR pre-1912 fluted design
SC012/2	3	2.70	Midland Railway finial (new type)	MR post-1912 design without flutes
SC013	3	2.10	Stevens & Co Scottish railway finial	Large ball & spike for all Scottish railways except the HR; modify for LYR, CLC & LTSR
SC014	3	2.10	Duttons' round-case lamp	Standard contract signal lamp
SC015	3	2.10	Stevens & Co NBR finial	Later Stevens pattern for NBR & GSWR; open circular centre
SC016	3	2.10	4-sided dart finial	Evans O'Donnell 4-sided dart casting for Barry Railway, SECR, SR, Lynton & Barnstaple
SC017	3	2.10	Cruciform flat ball & spike finial	As used by LCDR & L&YR (1912 pattern)
SC018	3	2.10	GWR tubular post finial	With round base to suit 5" diameter post
SC019	3	2.10	LMS tubular post cap	Small tubular post cap; still in current use
SC020	3	2.10	SR post cap for rail-built post	For Southern Railway rail-built signal posts
SC021	3	2.10	GNR/LNER ball & spike finial	McKenzie & Holland design; used on both lattice & wooden posts
SC022	3	2.10	NBR signal lamp	Distinctive North British Railway design - double cowl ventilator
SC023	3	2.40	Midland Railway No.4 signal lamp	Adlake long-burning type; also suitable for GCR, L&YR and M&GN
SC023/1	3	2.10	Midland Railway Nos. 1 & 3 signal lamp	No.3 type for rotating ground signals; easily converted to No.1 for running signals
SC025	3	2.70	LNER signal lamp	Square case with bulls-eye lens and LH mounting for upper quadrant signals
SC026	3	3.00	GNR signal lamp	Round case lamp with tall vent; also for M&GN (ex-D&S 250SL-7)
SC027	3	2.10	MSLR/GCR signal finials	Ball and spike finials for use with wooden posts and dolls (ex-D&S 250SF-7)
SC028	3	2.10	Stevens & Co small ball & spike finial	Wooden finial for most early contract signals
SC029	3	2.10	LNER round post cap	For tubular posts; unique LNER style with two rings
SC030	3	2.10	LNWR round-case signal lamp	Large round case with flat lens; in use to BR days with lower quadrant arms
SC031	3	2.10	Cambrian Railway signal lamp	Large round case with side lens
SC033	3	3.00	Westinghouse signal motor	Dummy motor with operating arm; commonly found on distant signals
SC034	3	2.10	Pre-grouping 3-aspect lamp	Early Saxby & Farmer round design for signals & point indicators
SC041	1	4.50	Signal balance weight (complete)	Common smaller weight suitable for most purposes, including cast brass arm & bracket
SC042	1	4.50	Medium balance weight (complete)	With dished face, used particularly by MR & LNWR; includes cast brass arm & bracket
SC043	1	4.50	LSWR/SR balance weight (complete)	With distinctive LSWR/SR pattern 30lb weight; includes cast brass arm & bracket
SC044	1	4.50	Large balance weight (complete)	Use if more mass is needed to return arm automatically; includes cast brass arm & bracket
SC041/1	6	3.00	Small balance weight	Pack of 6 whitemetal weights as in SC041-44 above, for use with the etched balance levers on
SC042/1	6	3.00	Medium balance weight	signal arm frets S04-S015
SC043/1	6	1.50	LSWR/SR balance weight	
SC044/1	6	3.00	Large balance weight	
SC051	3	2.10	Signal arm side bearing	Detail part for modellers making their own signal posts
SC052	3	2.10	Lamp bracket	As above
SC053	3	2.10	Balance lever bearing	As above; not intended for working balance lever - use SC041-3 instead
SD02	3	3.30	Pull rod yokes	Lost wax brass casting; for signal arms and balance levers

Ground & banner repeater signals

GS01	2	6.00	Stevens & Co drop flap signal	Square body - variants for LSWR, CR, GSWR & NBR
GS02	2	6.00	Westinghouse ground disc	Rotating half-disc for SR, BR(S)
GS03	2	6.00	McKenzie & Holland rotating head	Horizontally rotating target & lamp for NER, GER, HR, GCR, NSR etc
GS04	2	6.60	Saxby & Farmer rotating head	LBSCR 3-target head with limit of shunt; to improved specification
GS04/1	2	8.40	LNWR rotating head	1881 Crewe pattern; LMS discs modification now included
GS04/2	2	8.70	Saxby & Farmer rotating head	GNR version of GS004; LNER discs modification now included
GS05	2	6.00	Midland Railway Acfield type	1910 pattern with later variants including rugby ball target
GS05/1	2	6.00	Midland Railway rotating type	1900-1910 style
GS05/2	2	6.60	Midland Railway post-mounted type	Pre-1900 design; mounted on both ground and tall posts
GS06/1	2	7.50	GWR 1920 cast open body	16" disc; will convert to double head
GS07	2	9.00	Sykes banner repeater signal	Home or distant, including 13' ladder; needs post to complete
GS08	2	6.00	LNER upper quadrant disc	1938 pattern; still in use in many areas
GS09	2	6.00	LMS 1934 standard pattern	Westinghouse pattern used till late LMS period; will double up
GS010	2	6.00	Lancashire & Yorkshire Railway	Pre-group Railway Signal Co type on tall cast post, small arm; modify for SECR
GS011	2	6.00	BR(M) Westinghouse type	Late LMS stacking type standardised by BR; in current use

Other S&T Department items

LC7	1	22.50	Level crossing kit, cast whitemetal	LNWR/MR type with 3-bay gates, posts & wicket gates; use two kits to cross double track
LS05	10	8.40	Point rodding stools	Cast 6-way stools to take wire rodding; cosmetic only
LS06/1	1	5.10	Rodding cranks & pulleys	Variety of cranks, expanders, pulleys etc for point rodding & signal wire use
LS06/2	10ft	6.00	Square point rodding wire	0.7mm square straight nickel silver wire for scale point rodding
LS06/3	10ft	3.60	Round point rodding wire	As above, but round. Also suitable for loco handrails using the Alan Gibson knobs below
LS07	10	1.80	Signal wire pulley wheels	Dummy wheels, 1'0" diameter, 5 curved spokes, in etched brass
LS08	10	9.00	Signal wire pulley posts	Cast brass "cedar" square posts & pulleys for lineside detailing
LS08/3	5m	3.00	Signal wire	Scale signal wire – 0.11mm stainless steel
LS09	1	6.90	4-lever ground frame	Saxby & Farmer type - controls exits from yards etc; cosmetic only
LS014	8	5.10	Yard point levers (cosmetic only)	Etched brass cranked point levers, universal type, with riveted sleeper plate
LS014/1	4	4.80	"Kick over" yard point levers (cosmetic)	Alternative design of yard point lever; two cast components
SLC047	8	7.80	GWR signal box finials	Also suitable for footbridges (by Scale Link)

10mm Scale

Super 10 scale complete signal kits & parts

Code	Quantity	Price (£)	Item	Description
G1/KM1	1	31.50	LMS/LNER/BR 20' tubular post UQ signal	The standard post-grouping signal, still in use today
G1/K4	1	30.00	LNWR 20' wooden post LQ signal	Crewe pattern corrugated home arm; shunt arm also included
G1/KS3	1	25.50	LSWR/SR 20' lattice post LQ signal	With tapered wooden or steel home arms
G1/KW1	1	33.00	GWR 20' wooden post LQ signal	Choice of 4' home or distant arms, or 3' subsidiary home arm; symbols included

These kits contain all parts needed to make a complete signal, including post, ladder & platform, arm & fittings, lamp, finial, balance weight, glazing and wire. The arms can be modified to construct a distant signal. Alternative parts may be available to make up complete kits for other post sizes or companies, possibly at increased cost; ask for details.

G1/02	1	12.00	Stevens & Co 20' lattice post	Includes ladder, landing, arm bearing and lamp brackets; easy construction
G1/02/1	1	1.20	Etched brass landing treads	Ladder top staging, ready to use; solder in place, add stripwood
G1/04	1	3.00	LNWR corrugated stop arm	With built-up arm, spectacle, motion plate & blinder; full detail
G1/04/1	1	0.90	LNWR calling-on arm	Late 1870s design with no spectacle, in use to BR days
G1/09	1	12.60	23' jig-built ladder & landing	Jig-built ladder for soldered construction; with radiused top for LNWR (rung wire included)
G1/11	1	3.60	LSWR stop arm	Choice of wooden or steel arm with spectacle & blinder etc
G1/12	1	3.00	Westinghouse upper quadrant stop arm	LMS/LNER/SR/BR folded edge arm with spectacle (two layer) & fittings
G1/14	1	3.90	GWR wooden arms	Home or distant 4' arms or 3' subsidiary, with all fittings, spectacles etc.
G1/14/1	1	1.20	Shunt S symbol & goods ring	Used on many pre-group signals to denote goods loops etc
G1/17	1	3.60	20' wooden signal post	Tapered post made from planed timber

Lamps & finials in cast whitemetal

SC102	1	1.50	Stevens & Co cruciform finial	Beautiful cast top for lattice posts - open centre; used on LSWR, SR etc
SC103	1	1.50	McKenzie & Holland finial	Umbrella & spike finial for NER, NSR, Welsh railways & others
SC104	1	1.50	GWR signal lamp	Round-case lamp in general use throughout the system
SC105	1	1.50	GWR ball & spike finial	Correct pattern for square wooden posts
SC106	1	1.20	Cast signal lamp, square type	Tall square variety used by LSWR & SR
SC110	1	1.20	LNWR/LMS cast bevel square finial	With recessed base to allow neat fitting to post top
SC112	1	1.50	Midland Railway finial	Square base with distinctive turned wooden-type spike
SC119	1	1.20	LMS/LNER tubular post finial	Post-grouping standard cap for LMS & LNER, plus later BR signals
SC130	1	1.50	LNWR cast round signal lamp	Correct Crewe pattern; base of lamp is bored for a bulb
SC141	1	4.50	Small balance weight, lever & bracket	Lost wax brass casting with whitemetal weights; fully functional & rustproof
SC142	1	4.50	Large balance weight, lever & bracket	Extra mass to ensure reliable operation - recommended for garden railway signals
SC151	1	3.00	Signal arm pivot bearing	For those signals pivoted on the post side; lost wax brass casting
LS107	5	1.50	Signal wire pulley wheels	Scale 1'0" diameter, 5 curved spokes, in etched brass

16mm Scale

SX-01	1	36.00	LQ Stevens & Co wooden post stop signal	Complete kit to make one signal in 16mm scale. Etched brass .020" fittings & jig-built ladder, cast metal lamp, balance weight & finial, tapered planed pine post. Copious instructions & assembly diagrams.
SX-02	1	51.60	LQ Stevens & Co lattice post stop signal	Similar specification to the above, with the inclusion of an etched brass .018" thick two-piece lattice post to replace the wooden type, landing fittings, lamp bracket & bearings, and a lost wax brass cast cruciform finial.
S16/11	1	4.50	LSWR stop arm	Tapered arm with spectacle & blinder etc

Other constituent parts of the 16mm scale kits are available separately - please contact for prices.

Non-scale Mechanical Parts for Signal & Point Operation

SM1	1	120.00	14 lever signal frame kit	Cast brass pre-drilled 4" levers, 18thou floor plate & fittings; solder built kit
SM2	1	75.00	7 lever signal frame kit	Smaller version of the above, to improved specification
SM2/1	1	6.00	SM2 upgrade kit	Lever spacers and catch handle nuts/screws/washers to give more robust and easier assembly
SM3	1	7.50	Signal lever & return spring	Cast brass lever & spring as used in SM1 & 2
SPR	1	0.30	Return spring	Spare tension springs as used in SM1-3 above
SM4	5m	15.00	Wire & tube control kit	5m nickel silver 24swg wire & PTFE tubing with instructions
SM5	1	4.50	Manual signal operating mechanism	Etched brass, wire or rod operated; instantly removable from the baseboard for transport etc.
SM8	2	2.70	Moulded nylon cranks & bases	Nominal 1"x 1" throw; complete with 6BA bolts, nuts & washers
SM9	4	1.50	Moulded nylon snap joints for SM8	To fit 1.6mm/16swg/1/16" rod; quick-release joint; enables baseboard joints to be crossed
SG90-1	1	6.60	Single servo mount	Etched brass through-baseboard mount for the Tower Pro SG90 servo or equivalent
SG90-2	1	6.60	Twin servo mount	Twin version of SG90-1 – servos mounted vertically above each other

GEM® point & signal control components

G1001	1	TBA	Universal point lever	3/16" throw in each direction; size 19x11mm
G1001T	3	TBA	Universal point lever	As above, but in a triple pack
G1002	6	TBA	Angle cranks	Individual mounting bases; throw adjustable up to 7mm
G1005	6	TBA	Omega wires	For taking up excess throw in point and signal mechanisms; 44mm long
G1006	6	TBA	Wire snaps	For attaching omega wires to SM4 operating wire
G1008	1	TBA	4-way lever frame	3/16", 1/4" & 5/16" throw on each lever; 37x36mm footprint
G1009	1	TBA	6-way lever frame	As 1008, but 49mm long
G1010	1	TBA	8-way lever frame	As 1008, but 63mm long
G1011	10	TBA	Large angle cranks	Etched brass, throw adjustable between 5 and 14mm
G1012	6	TBA	Vertical angle cranks	Similar to 1002, but with right-angle bases for screwing to baseboard underside
G1013	10	TBA	Peco point couplers	To couple 1001 universal point levers to Peco points, via 1005 omega wires

Signalling items for all scales

Code	Quantity	Price (£)	Item	Description
LENS	4	2.70	Spectacle glazing	Ruby, amber, blue-green & green stable film for correct aspects with yellow or white lighting
T132	12"	4.50	1/32" tubing & 0.45mm nickel silver wire	For signal arm/balance weight bearings in 2 & 3mm scales (may be packed as 2 x 6" lengths)
T116	12"	2.70	1/16" brass tubing & 0.8mm brass rod	For signal arm bearings in 4mm scale
T200	10"	2.70	2.0mm brass tubing & 1.0mm brass rod	For signal arm bearings in 7mm scale
T200A	12"	2.70	2.0mm thin-wall brass tubing	For 5½" diameter tubular posts in 4mm scale
T250	12"	4.50	2.5mm brass tubing	For 6½" diameter tubular posts in 4mm scale (replaces T332)
T18	9"	1.80	1/8" brass tubing	For 10" diameter tubular posts in 4mm scale, and 5½" diameter in 7mm scale
T532	12"	3.30	5/32" brass tubing	For 6½" diameter tubular posts in 7mm scale
T316	12"	3.60	3/16" brass tubing	For 10" diameter tubular posts in 7mm scale, and 5½" diameter in 10mm scale

Part B) Couplings and Drawgear

Sprat & Winkle and D.G. Autocouplings

ACN/3	40	9.90	N gauge/2mm scale autocoupling fret	Mk3 type, with mounting plates; couplings give remote delay operation
AC3/1	40	8.40	3mm & 4mm finescale Mk1 coupling fret	Original type without the delay facility; 4' minimum radius in 4mm scale
AC3/3	32	8.40	3mm & 4mm finescale Mk3 coupling fret	Delayed action version of the above
AC4/1	40	11.10	Standard 4mm scale Mk1 autocoupling fret	Original type without the delay facility; best for tight 00 curves (less than 2' radius)
AC4/3	32	11.10	Standard 4mm scale Mk3 autocoupling fret	Delayed action version of the above
AC7/3	22	16.50	7mm scale Mk3 autocoupling fret	Delay facility specification for 7mm; recommended 4' minimum radius
S/ACN/3	40	14.10	Starter pack for N gauge/2mm scale	Instructions, diagrams, couplings, wire & 6 magnets to get started
T/ACN/3	8	3.00	Trial pack for N gauge/2mm scale	As above, but with just 8 couplings and 1 magnet; the low-cost way to try out S&W couplings
S/AC3/3	32	13.50	Starter pack for 3mm & 4mm finescale	As above (with 4 magnets) for use with minimum 4' radius curves in 4mm scale
T/AC3/3	8	6.00	Trial pack for 4mm finescale	As above with 8 couplings & mounting plates, 1 magnet; will go down to 2' radius curves
S/AC4/3	32	16.50	Standard 4mm scale starter pack	As above (with 4 magnets), but for tighter radius curves in 4mm scale
T/AC4/3	8	6.60	Standard 4mm scale trial pack	As above, with 8 couplings, 8 MP4 mounting plates and one magnet
S/AC7/3	22	21.00	Starter pack for 0 gauge	Correct 7mm scale tolerances; with 2 long magnets
T/AC7/3	8	9.60	Trial pack for 0 gauge	As above, with 8 couplings, 8 MP7 mounting plates and one long magnet
AC3/3R	4	TBA	Ready assembled finescale couplings	Four AC3/3 couplings pre-assembled on mounting plates, ready to fit
AC4/3R	4	TBA	Ready assembled couplings	Four AC4/3 couplings pre-assembled on mounting plates, ready to fit
AC7/3R	4	TBA	Ready assembled couplings	Four AC7/3 couplings pre-assembled on mounting plates, ready to fit
MP4	32	9.00	Mounting plates for all AC3 & AC4 types	Easier mounting on RTR and kit-built 4mm stock, and lets AC3 types be used on tighter curves
MP7	32	9.00	Mounting plates for AC7/3 couplings	Same etch as above, with instructions to suit 7mm couplings and stock
2MAG	4	3.00	Magnets 14mm long for 2mm scale	A new smaller magnet for the smaller scale, giving more precise uncoupling
4MAG	4	4.50	Magnets 25mm long for 3 & 4mm scales	Suits 4mm cork base; pole pieces are on the long surface for effectiveness
7MAG	2	4.20	Magnets 41mm long for 7mm scale	Developed as a result of 0 Gaugers' requests; simplifies shunting
PK MAG	1	TBA	Electromagnet for smaller scales	5mm diameter core; simple installation requiring passing contact switch
BW	3m	1.50	28swg brass for buffing wire 2/3/4mm	For buffer or goal-post wire, also for mounting coupling in 2mm scale
NSW4	3m	1.50	26swg nickel silver wire for mounting	Mounting wire for 3&4mm couplings; OK for handrails & pick-ups too!
SIW4	3m	1.50	0.37mm soft iron wire for 3-link chain	For all smaller scales; use for the last or all 3 links to activate coupling
LNK4	50	6.00	4mm scale 3-link loops	Pre-formed blackened steel wire loops for making 3-link droppers
SIW7	2m	1.50	0.56mm soft iron wire for 0 Gauge links	Compatible with 7mm links for magnetic attraction of the coupling
LNK7	50	6.00	7mm scale 3-link loops	Pre-formed blackened steel wire loops for 7mm scale 3-link droppers
NSW7	2m	1.50	24swg nickel silver wire for mounting	Use for buffing & mounting wire in 7mm scale
PLIERS	1	9.00	Round-nosed pliers	Ideal tool for fixing S&W couplings in place on the mounting plates
DGA	16	3.00	Type A - 2mm scale - N gauge	All packs include 16 couplings, and material to make the loop and dropper wires
DGB	16	5.70	Type B – 4mm scale - OO	For electromagnets, see PK/MAG above
DGC	16	6.30	Type C – 7mm scale – O gauge	
DGD	16	3.00	Type D – TT/OO9	
DGE	16	3.60	Type E – 3 & 4mm finescale	
LBJAD	1	6.00	Loop bending jig	Milled brass jig for types A and D
LBJBC	1	6.00	Loop bending jig	As above, for types B and C
LBJE	1	5.10	Loop bending jig	As above, for type E
SWDG	3m	1.50	Nickel plated steel wire	29swg wire for making magnetic droppers
PBW	3m	1.50	Phosphor bronze wire	30swg wire for loops

Kadee Autocouplings for 4mm scale

KDE5	4	6.60	#5 medium centerset shank couplings	Draft box included
KDE17	4	12.90	#17 short NEM couplings	7.11mm long, fits NEM362 coupling pockets
KDE18	4	12.90	#18 medium NEM couplings	8.63mm long, fits NEM362 coupling pockets
KDE19	4	12.90	#19 long NEM couplings	10.61mm long, fits NEM362 coupling pockets
KDE20	4	12.90	#20 extra-long NEM couplings	11.68mm long, fits NEM362 coupling pockets
KDE205	1	13.50	#205 coupler height gauge	Checks coupler centreline and trip pin heights
KDE321	2	9.90	#321 uncoupling magnets	For use with code 100 rail
KDE322	2	11.70	#322 uncoupling magnets	For use with code 75 or code 83 rail

Scale Couplings and Drawgear

Note – due to the considerable overlap between coupling and drawgear items suitable for locomotives, carriages and wagons, most are presented here, rather than in the specific rolling stock sections in Parts C)-E) below.

2mm scale

Smiths

SNF030	70	7.80	Dummy screw couplings	Etched brass

4mm scale

51L

ABWC013L	4	4.80	Oleo sprung buffers, long, plain body	13" diameter head, for air-braked stock
ABWC013LC	4	4.80	Oleo sprung buffers, long, collared body	As above
ABWC013S	4	4.80	Oleo sprung buffers, short, plain body	As above
ABWC013SC	4	4.80	Oleo sprung buffers, short, collared body	As above

Code	Quantity	Price (£)	Item	Description
ABWC016L	4	4.80	Oleo sprung buffers, long, plain body	16" diameter head; for air-braked stock, particularly long wheelbase types
ABWC016LC	4	4.80	Oleo sprung buffers, long, collared body	As above
ABWC016S	4	4.80	Oleo sprung buffers, short, plain body	As above
ABWC016SC	4	4.80	Oleo sprung buffers, short, collared body	As above
ABWC018L	4	4.80	Oleo sprung buffers, long, plain body	18" diameter head; for air-braked stock and first generation DMUSs
ABWC018LC	4	4.80	Oleo sprung buffers, long, collared body	As above
ABWC018S	4	4.80	Oleo sprung buffers, short, plain body	As above
ABWC018SC	4	4.80	Oleo sprung buffers, short, collared body	As above
ABWC022L	4	4.80	Oleo sprung buffers, long, plain body	22" diameter head; for air-braked stock and first generation DMUSs
ABWC022LC	4	4.80	Oleo sprung buffers, long, collared body	As above
ABWC022S	4	4.80	Oleo sprung buffers, short, plain body	As above
ABWC022SC	4	4.80	Oleo sprung buffers, short, collared body	As above
ABWC025	4	3.90	Oleo buffers, short	16" diameter steel head, 1.45mm shank; whitemetal housing with blackened steel head
ABWC025A	16	3.60	Oleo buffers, short	Wholly whitemetal version of above
ABWC026	4	3.90	Oleo buffers, long	16" diameter steel head, 1.45mm shank; whitemetal housing with blackened steel head
ABWC026A	16	3.60	Oleo buffers, long	Wholly whitemetal version of above
LOC412	12	7.80	12" wagon buffer heads	Turned steel, suitable for most pre-Grouping wagons; 0.83mm spindle
LOC413	12	7.80	13" wagon buffer heads	Turned steel, for most post-Grouping wagon types; 1.0mm spindle
LOC415	12	7.80	15" wagon buffer heads	As above; 15" heads for long wheelbase wagons, e.g. Tubes
LOC416	12	7.80	16" wagon buffer heads	As above, again for longer wheelbase post-Grouping types
LOC418	12	7.80	18" wagon buffer heads	As above; for most air-braked wagon types (some exclusions are HAA, ODA, VEA)
UC001	12	3.00	Universal vacuum pipes, upright	Generic component for fitted locos, carriages and wagons
UC003	12	3.60	Coupling hooks	
UC004	12	2.10	Universal vacuum pipes, upright	Alternative design to UC001 with body fixing flange
UC005	12	3.60	Steam pipes	Generic hanging steam pipe for locos, carriages and wagons
UC006	8	3.00	Screw couplings	Four pairs of etched brass couplings in kit form; includes safety chain eyes and hooks
UC008	6	4.50	Screw couplings	Improved nickel silver version of UC006, but no safety chain eyes and hooks
UC010	12	3.90	Westinghouse and steam pipes	For the NER and other Westinghouse lines
UC018	20	3.00	Spare buffer springs	For all 51L sprung steel buffer heads
UC019	20	15.60	Buffer heads and springs	12" diameter, 1mm shank; for pre-Group wagons
UC020	20	15.60	Buffer heads and springs	13" diameter, 1mm shank; for post-Group wagons and some pre-Group carriages
UC021	20	15.60	Buffer heads and springs	16" diameter, 1mm shank; for carriages and some BR wagons
UC022	20	15.60	Buffer heads and springs	18" diameter, 1mm shank; mainly for locomotives and carriages
UC025	20	15.60	Buffer heads and springs	13" diameter, 1.45mm shank; for wagons and carriages with Oleo buffers
UC026	20	15.60	Buffer heads and springs	16" diameter, 1.45mm shank; for wagons and carriages with Oleo buffers
UC027	20	15.60	Buffer heads and springs	18" diameter, 1.45mm shank; for wagons and carriages with Oleo buffers
UC028	20	15.60	Buffer heads and springs	22" diameter, 1.45 mm shank; for Oleo buffers - Class 47 locos, many EMUs and DMUs
UC029	20	2.70	Elliptical buffer plates	Etched nickel silver elliptical buffer overlay plates; use with UC020 or UC025 above
UC030	4	3.90	Elliptical buffer heads with springs	Nickel silver etched elliptical buffer overlay plates with 13" steel buffer heads and springs
Alan Gibson				
4M600	4	5.70	Coupling hooks	Cast brass; suitable for locos, wagons and non-gangwayed carriages
Mainly Trains				
MT356	20	3.60	Coupling hooks	Etched brass
Markits				
OLEO19	4	8.70	19" BR Oleo buffers	Brass bodied, ready assembled sprung buffers
OLEO22	4	8.70	22" BR Oleo buffers	Brass bodied, ready assembled version of ABWC022L above, with steel heads
Slater's				
4151	10 pairs	15.60	Three-link couplings	Etched brass hooks and steel links, complete with springs
Smiths				
LP1	4 pairs	9.90	3-link couplings	Blackened etched brass hooks and brass links, with springs and split pins
LP1F	4 pairs	9.90	Finescale 3-link couplings	As above, but with finer links
LP2	4 pairs	9.90	Instanter couplings	As LP1, but with instanter type middle link for fitted wagons
LP3	24	7.50	Steel links	Replacement bottom links for LP1, 2, 4 & 6, for use with magnetic uncoupling poles
LP3F	24	7.50	Finescale steel links	As above, but finer for use with LP1F
LP4	4 pairs	13.80	3-link couplings, assembled	As LP1 above, but pre-assembled for your convenience
LP5	2 pairs	13.80	Screw couplings, assembled	Pre-assembled screw couplings, for fitted stock
LP5A	2 pairs	14.40	Screw couplings, assembled	As LP5 with improved centre piece
LP6	4 pairs	13.80	Instanter couplings, assembled	Pre-assembled version of LP2 above
LP7	24	7.50	Brass links	Blackened spare links for LP1,2,4 and 6
LP7F	24	7.50	Finescale brass links	As above, but for LP1F
LP8	4 pairs	11.10	Dummy screw couplings	Self-assembly form of LP5 above
LP8A	4 pairs	12.00	Dummy screw couplings	As LP8 with improved centre piece
LP10F	4 pairs	9.90	Magnetic 3-link couplings	As LP1F above, but with magnetic links
LP11	3 pairs	15.30	Magnetic 3-link couplings, assembled	As LP4 above, but with magnetic links
SA20	20	6.90	Coupling springs	Spare compression springs for LP1-11 above
SA21	20	6.90	Split pins	Spare split pins for LP1-11 above
SA22	20	10.50	Coupling hooks	Spare hooks for LP1-11 above
SA23	20	6.90	Instanter links	Spare instanter links for LP2 and LP6 above

7mm scale

51L

UC701	12	8.10	13" wagon buffer heads	Turned steel, for most post-Grouping wagon types; 1.75mm spindle

Slater's

7155	1 pair	7.50	3-link couplings	For unfitted locos & rolling stock; etched brass hook, steel links
M7023	1 pair	15.00	Screw couplings	Working screw couplings for most locos, coaches and some fitted wagons

Sprat & Winkle

LS020	1	7.50	Oak-Hill coupling pole for 0 gauge	Uniquely designed cast brass head allows simple engagement of 7mm 3-link couplings

Part C) Locomotive Kits and Components

2mm Scale

Code	Quantity	Price (£)	Item	Description
Springside				
2MM1	5	6.90	GWR head & tail lamps	White body; 4 clear and one red lamp
2MM2	5	6.90	GWR head & tail lamps	Red body; 4 clear and one red lamp
2MM3	5	6.90	BR head & tail lamps	White body; 4 clear and one red lamp
2MM4	5	6.90	LMS head & tail lamps	Black body; 4 clear and one red lamp
2MM5	5	6.90	LMS head & tail lamps	White body; 4 clear and one red lamp
2MM16	5	6.90	BR tail lamps	White body

4mm Scale

51L

LYRC001	1	3.00	LYR Pug chimney	Turned brass replacement chimney for the Dapol/Hornby L&Y Pug - to scale dimensions
LYRC002	1	2.40	LYR whistle	Turned brass component
LYRC003	6	3.60	LYR tender axlebox & spring	Whitemetal casting
LYRC008	2	2.10	LYR screw reverser	Bracket and handwheel castings
LYRC011	2	2.40	LYR tender toolboxes	Whitemetal casting; size approx. 11mm wide x 6mm deep x 7mm tall
LYRC065	2	2.10	LYR locomotive jacks	Standard jack for all LYR locomotives except 4-4-2s, 4-4-0s and 0-8-0s
LYRD440	1	99.00	LYR Aspinall 4-4-0 locomotive	The Aspinall "flyer", a smaller version of the Atlantic; 40 built 1891-4
UC039	10	3.90	Nickel silver handrail wire	Ten 30cm lengths of straight 0.45mm wire; suits the Alan Gibson handrail knobs below
UC040	4	2.10	Hand brake columns	Ideal for tenders, industrial locomotives
Alan Gibson				
4901	4	6.90	MR/GCR buffers	Square base parallel brass bodies with sprung 13" steel heads
4902	4	6.90	L&Y buffers	Hughes heavy duty pattern; round base parallel brass bodies with sprung 13" steel heads
4903	4	6.90	LMS/BR standard buffers	Square base parallel brass bodies with end lip and sprung 16" steel heads
4904	4	6.90	GNR/LBSCR/NER/GER buffers	Round base parallel brass bodies with sprung 13" steel heads
4905	4	6.90	Webb LNWR buffers	Round base stepped parallel brass bodies with sprung 13" steel heads
4906	4	6.90	Collett GWR parallel buffers	Square base parallel brass bodies with end lip and sprung 13" steel heads
4907	4	6.90	Collett GWR tapered buffers	Square base tapered brass bodies with sprung 13" steel heads
4908	4	6.90	Dean GWR buffers	Square base tapered brass bodies with sprung 13" steel heads
4909	4	6.90	LNER/SR buffers	Square base stepped parallel brass bodies with sprung 16" steel heads
4910	4	6.90	Drummond LSWR/HR/CR/GSWR buffers	Round base parallel brass bodies with end lip and sprung 13" steel heads
4911	4	6.90	NER tapered buffers	Round base tapered brass bodies with sprung 13" steel heads
4912	4	6.90	Whale LNWR buffers	Round base tapered brass bodies with end lip and sprung 13" steel heads; also some GNR locos
4913	4	6.90	Bowen Cooke LNWR buffers	Round base tapered brass bodies with end lip and sprung 13" steel heads
4914	4	6.90	24" industrial buffers	Square base parallel brass bodies with sprung 24" steel heads
4915	4	6.90	16" industrial buffers	Square base parallel brass bodies with sprung 16" steel heads
4M62	10	13.80	Sprung plunger pickups	A very efficient method of current collection
4M92	1 pair	6.30	Universal coupling rods	4 or 6 coupled, plain or fluted, adjustable wheelbase
4M637	2	5.70	Smokebox door darts	Plain ended type, mainly for GWR/LNER/SR
AG01	25	5.10	Short valve gear rivets	
AG01A	25	5.10	Medium valve gear rivets	

Canon Motors - all motors are tested and fixing screws inserted before packing.

CA1620	1	27.00	Canon 1620 motor	14.5mm wide x 16mm tall x 20mm long, 1.5mm diameter shaft; Mashima 1620 replacement
MFSC	10	2.70	Motor fixing screws	M1.7x2 for Canon 1620 motors

Comet Locomotive Kits

Wheels, motor and gearbox are required for completion, and suitable items may be found further down in this list

LK1	1	120.00	Stanier LMS Rebuilt Royal Scot 4-6-0	
LK14	1	120.00	Ivatt LMS Caprotti Class Five 4-6-0	Covers numbers 44738-57 as supplied, can be modified for other Caprotti Class 5s
LK16	1	120.00	Ivatt LMS Class 2 2-6-0	

Comet Locomotive Chassis Packs, Frames and Motion Sets

Frames are etched in 0.018" brass or nickel silver and include spacers which fold to 90°, brake gear and pull rods. Motion sets are etched in 0.018" nickel silver, including coupling rods; those for outside cylinder locos include connecting rods and slide bars; those for outside valve gear locos include full outside motion with slide bars and motion support brackets as appropriate, plus valve gear rivets, but no crossheads. Chassis packs include axle bearings, frames, 0.7mm wire, brake gear, and pull rods; also motion, cylinders, crossheads, bogies and trailing trucks as appropriate. Items shown in **bold** are to the new format etched in nickel silver with hornways for springing if desired (using our product LS55) and with a separate fret of 00 spacers which can be exchanged on request for EM or P4 (enclose SSAE).

Class	Chassis Pack (£)	Frames (£)	Motion Set (£)	
LMS				
Jubilee/Scot/Patriot 4-6-0s	**LCP1**, 57.00	**LF1**, 25.50	LM1, 19.20	Covers all locomotives, whether original or rebuilt
Stanier Coronation 4-6-2	**LCP2**, 75.00	**LF2**, 36.00	LM2, 16.50	For both streamlined and non-streamlined locos
Stanier Black 5 4-6-0	**LCP3**, 61.50	**LF3**, 27.00	LM3, 19.50	For the short wheelbase locos 44768-45499
Fowler/Stanier 2-6-4Ts	**LCP4**, 60.00	**LF4**, 30.00	LM4, 18.00	Modify valve gear for the 3-cylinder Stanier locos
Stanier 8F 2-8-0	**LCP5**, 57.00	**LF5**, 25.50	LM5, 19.80	For the earlier Hornby body
Fowler 4F 0-6-0	**LCP6**, 24.00			For both the MR and LMS versions
Stanier Princess 4-6-2	LCP7, 57.00	LF7, 17.10	LM7, 19.50	
Fowler 3F 0-6-0T (Jinty)	**LCP8**, 24.00			For the Bachmann body; shorten for the Hornby body
Compound 4P 4-4-0	LCP9, 33.00			Wheelbase is 10' for the Hornby body; does not fit the Bachmann body
Fowler 2P 4-4-0	LCP10, 19.50	LF10, 12.00	LM10, 1.80	
Ivatt 2MT 2-6-2T	**LCP11**, 60.00	LF11, 30.00	LM11, 16.50	
LNW G2 0-8-0	LCP12, 27.00			
Hughes Fowler Crab 2-6-0	**LCP13**, 48.00			Rotary cam valve gear
Hughes Fowler Crab 2-6-0	**LCP14**, 66.00			Walschaerts valve gear
Ivatt Black 5 4-6-0	LCP15, 51.00	LF15, 21.00	LM15, 15.90	For the long wheelbase locos 44658-44766
Ivatt 2MT 2-6-0	**LCP16**, 51.00	LF16, 26.40	LM16, 13.50	
Fairburn 4MT 2-6-4T	**LCP17**, 58.50	**LF17**, 24.60	LM17, 15.00	
GWR				
Churchward 2800/2884 2-8-0	**LCP19**, 49.50	**LF19**, 28.50	LM19, 10.50	Includes the Collett 2884 version
Collett Large Prairie 2-6-2T	**LCP20**, 51.00	**LF20**, 22.50	LM20, 9.90	For the 5100 & 6100 classes
Collett King 4-6-0	LCP21, 27.00	LF21, 12.90	LM21, 12.60	Bogie not included in LCP21; available from SE Finecast
Collett 5700 0-6-0PT	**LCP22**, 21.00			

Class	Chassis Pack (£)	Frames (£)	Motion Set (£)	
Collett 2251 0-6-0	**LCP23**, 21.00			
Castle/Star 4-6-0s	**LCP24**, 52.50	**LF24**, 27.00	LM24, 15.00	
Hall/County 4-6-0s	**LCP25**, 54.00	**LF25**, 27.00	LM25, 12.00	Also covers the Modified Halls and Saints
Collett Manor 4-6-0	**LCP26**, 54.00	**LF26**, 27.00	LM26, 11.10	
Collett 1400 0-4-2T	LCP27, 20.10			Includes the 5800 class
Collett 5600 0-6-2T	**LCP28**, 25.50			
Churchward 4300 2-6-0	**LCP29**, 40.50	**LF29**, 19.50	LM29, 9.90	Also covers the Collett 7300 rebuilds
Collett Grange 4-6-0	**LCP60**, 49.50	**LF60**, 22.50	LM60, 11.10	
Churchward 4500 2-6-2T	**LCP61**, 48.00			Also covers the Collett 4575 class
Dean Goods 0-6-0	**LCP62**, 22.50			
LNER				
Gresley A1/A3/A4 4-6-2s	LCP30, 51.00	LF30, 18.00	LM30, 16.50	Does not cover the Peppercorn A1s!
Thompson B1 4-6-0	**LCP31**, 57.00			
Gresley B17 4-6-0	LCP32, 45.00	LF32, 12.90	LM32, 15.00	LF32 suitable for all B17s and B2; others for the B17s only
Worsdell J72 0-6-0T	**LCP33**, 21.00			
Gresley N2 0-6-2T	**LCP34**, 27.00			
Gresley D49/1 4-4-0	LCP35, 37.50	LF35, 12.90	LM35, 12.60	LF35 suitable for all D49s; others for the Walschaerts locos only
Gresley V2 2-6-2	**LCP36**, 69.00	**LF36**, 42.00	LM36, 15.00	
Gresley J39 0-6-0	LCP37, 21.00			
Riddles J94 0-6-0ST	**LCP38**, 27.00			
Robinson ROD 2-8-0	**LCP39**, TBA			Under development, but will be some time
BR				
Britannia/Clan 4-6-2s	**LCP40**, 58.50	**LF40**, 25.50	LM40, 15.00	
4MT 4-6-0	**LCP41**. 54.00	**LF41**, 25.50	LM41, 15.00	
4MT 2-6-4T	**LCP42**, 63.00	**LF42**, 33.00	LM42, 18.00	
9F 2-10-0	LCP43, 45.00	LF43, 13.50	LM43, 15.00	
5MT 4-6-0	**LCP44**, 57.00	**LF44**, 30.00	LM44, 15.00	
4MT 2-6-0	LCP46, 45.00	LF46, 12.90	LM46, 16.50	
SR				
Maunsell Lord Nelson 4-6-0	LCP50, 45.00	LF50, 18.00	LM50, 12.90	
Rebuilt WC/BB 4-6-2s	LCP51, 54.00	LF51, 18.00	LM51, 16.50	Omit the valve gear and modify the cylinders for the unrebuilt locos
Maunsell Schools 4-4-0	LCP52, 42.00	LF52, 12.90	LM52, 12.90	
LBSC Terrier 0-6-0T	**LCP53**, 21.00			

Code	Quantity	Price (£)	Item	Description
BLCTCW	1	1.50	Building Loco Chassis the Comet Way	Illustrated guide to assembling Comet loco frames and chassis

Comet Locomotive Cylinders - Etched 0.015" nickel silver stretcher with cast whitemetal sides and valve chests

LC1	2	6.00	LMS/SR type	
LC2	2	5.10	GWR 2-cylinder classes	
LC3	2	5.10	GWR 4-cylinder classes	
LC4	2	6.00	LNER type	Includes bulged sides for Gresley A1/A3 classes
LC5	2	7.50	BR standard	
LC6	2	2.70	LMS/BR 2MT 2-6-0/2-6-2T	Castings only, stretcher not included

Comet Locomotive Components - Parts are etched or turned brass or nickel silver unless shown otherwise. Bogies and pony trucks are etched in 0.015" or 0.018" brass or nickel silver and include an 8BA shouldered screw and nut.

LS1	1	3.00	BR AWS equipment	Includes battery box, vacuum and timing reservoirs and etched bang plate
LS2	1	6.00	Bar frame pony truck	For GWR, post-WW2 LMS and BR Standard locos
LS3	1	6.00	Plate frame pony truck	For pre-WW2 LMS & LNER locos
LS4	1	6.00	6'3" wheelbase bogie	For LMS 2P 4-4-0s and BR Standard locos
LS5	1	6.00	6'6" wheelbase bogie	For all LMS 4-6-0s and the Compounds
LS6	1	9.30	7'0" wheelbase bogie	For all GWR 4-6-0s except the Kings
LS7	1	7.50	7'6" wheelbase bogie	For LMS Pacifics
LS8	2	3.60	Double slide bar crossheads & pivot pins	Lost wax brass castings
LS9	2	3.60	Single slide bar crossheads & pivot pins	Lost wax brass castings
LS10	8	3.90	EM gauge frame spacers	Assorted sizes, 13.0mm wide
LS11	1	9.60	6'3" wheelbase bogie	For LNER locos & SR Pacifics
LS12	1	6.60	Stanier LMS Pacific trailing truck	Includes spring/axlebox castings
LS13	1	9.30	7'6" wheelbase bogie	For SR locos except the Pacifics
LS14	2	2.70	LNER Cartazzi springs/axleboxes	Whitemetal castings
LS15	8	3.90	00 gauge frame spacers	Assorted sizes, 10.7mm wide
LS16	2	6.90	00 frame assembly jigs	Use as supplied for rigid chassis; add LS59 for sprung chassis
LS17	2	6.90	EM frame assembly jigs	Use as supplied for rigid chassis; add LS59 for sprung chassis
LS18	1	6.00	Bulleid SR Pacific trailing truck	Includes spring/axlebox castings
LS19	1	6.90	BR Britannia/Clan trailing truck	Includes spring/axlebox castings
LS20	1	10.50	Stanier LMS cab	Etched parts for Black 5/8F/Jubilee/ Rebuilt Patriot
LS21	2	3.60	Stanier LMS injectors	Live and exhaust steam injectors; lost wax brass castings
LS22	2	3.60	Ivatt LMS Class 2 injectors	Live and exhaust steam injectors for both tender & tank locos; lost wax brass castings
LS23	1	3.60	Loco electrical pick-up set	Also suitable for tenders
LS24	1	2.40	Loco/tender electrical connector- 2 pole	Two-pole plug/socket
LS24A	1	3.60	Loco/tender electrical connector – 4 pole	Four pole version – use when the DCC decoder is in the tender
LS25	1	2.10	LMS 4-6-0 backhead	Whitemetal casting
LS26	1	2.10	LMS 4-6-0 screw reverser	Whitemetal casting
LS27	1	2.10	LMS 4-6-0 vacuum ejector	Whitemetal casting
LS28	4	4.20	LMS/LNER/BR oval buffers	Lost wax nickel silver castings
LS29	4	3.60	LNER/SR stepped buffers	Lost wax nickel silver castings
LS30	2	3.00	Vacuum pipes	Upright type; lost wax brass castings
LS31	2	3.00	Steam heating pipes	Lost wax brass castings
LS32	4	3.60	LMS/BR round buffers	Lost wax nickel silver castings
LS33	8	3.00	Stanier LMS loco & tender steps	
LS34	8	3.00	GWR loco & tender steps	
LS35	8	3.00	BR Standard loco & tender steps	
LS36	2	3.00	LMS Fairburn/Ivatt two-rung strap steps	Lost wax brass castings for all Fairburn and Ivatt locos except 46256/7
LS37	2	3.00	LMS Ivatt three-rung strap steps	Lost wax brass castings for Ivatt Class 5 cabs
LS38	8	2.10	LMS footplate sandbox fillers	Whitemetal castings
LS39	6	2.40	LMS vacuum release valves	Whitemetal castings
LS40	2	2.10	LMS/BR lubricators	Whitemetal castings
LS41	1	2.10	Stanier LMS single chimney	For Black 5s and 8Fs, whitemetal casting
LS42	2	2.10	Stanier LMS sandboxes	Whitemetal castings, for the Black 5, Jubilee and rebuilt Patriot classes
LS43	6	1.50	LMS/SR/BR cylinder relief valves	Whitemetal castings
LS44	1	2.70	Ivatt LMS Class 2 backhead	Whitemetal casting
LS45	1	2.10	Ivatt LMS Class 2 screw reverser	Whitemetal casting
LS46	5	4.50	8BA shouldered screws & nuts	For fixing bogies and pony trucks to the frames

Code	Quantity	Price (£)	Item	Description
LS47	1	2.10	LMS/BR Ivatt Class 2 short chimney	Originally fitted to Crewe built locos 46400-46464; later replaced
LS48	1	2.10	BR Ivatt Class 2 narrow chimney	For Darlington built locos 46465-46490
LS49	1	2.10	LMS Rebuilt Royal Scot double chimney	Also suits Rebuilt Jubilees and Patriots, and is very close to the A1, A2 and A3 4-6-2s
LS50	6	2.10	LMS Stanier/Ivatt Black 5 balance weights	
LS51	6	2.10	LMS Jubilee/Patriot balance weights	
LS52	6	2.10	LMS Royal Scot balance weights	
LS53	6	2.10	LMS Coronation balance weights	
LS54	10	2.10	BR9F 2-10-0 balance weights	
LS55	6	12.00	Hornblocks & springs	To fit 6mm wide hornways
LS56	12	2.10	Axle end covers	
LS57	1	2.10	Ivatt LMS Black 5 double chimney	Whitemetal casting
LS58	10	6.00	Hornblock springs	Spare part for LS55
LS59	4	3.00	Assembly jig adaptors	Use with LS16, LS17 and LS61 when assembling a chassis to be fitted with LS55 hornblocks
LS60	8	3.90	P4 gauge frame spacers	Assorted sizes, 14.5mm wide
LS61	2	5.70	P4 frame assembly jigs	Use as supplied for rigid chassis; add LS59 for sprung chassis
LS62	2	5.10	LMS Coronation smoke deflectors	For Stanier & Ivatt locos with “Utility” front end (6220-6229, 6235-6248, 6256-6257)
LS63	2	5.10	LMS Coronation smoke deflectors	For Stanier locos with curved front end (6230-6234, 6248-6255)
LS64	1	2.10	LMS/BR speedometer drive	Lost wax brass casting
LS65	1	7.20	Ivatt LMS Pacific trailing truck	Includes spring/axlebox castings
LS66	1	4.20	Ivatt LMS vertical whistle	
LS67	1	4.50	Stanier LMS horizontal whistle	Includes mounting knob
LS68	1	2.70	BR Standard horizontal whistle	For all classes except the Pacifics and 5MT 4-6-0
LS68A	1	4.50	BR Standard vertical whistle	For the Pacifics and 5MT 4-6-0
LS69	1	3.00	Smokebox door handle	Two plain 6.4mm long handles – mainly for GWR/LNER/SR
LS70	1	3.00	Smokebox door handle	Two plain 5.0mm long handles – mainly for GWR/LNER/SR
LS71	1	4.50	Smokebox door handle	One plain, one flanged 5.0mm long handles – mainly for LMS
LS72	1	4.50	Smokebox door handle	Two flanged 5.0mm long handles – mainly for BR Standards
LS73	2	2.70	Bogie pivot plates	Allows the bogie to pivot and slide about the centre of its wheelbase; can be sprung
LS74	1	3.60	GWR loco detail pack	Includes whistle shield, fire-iron & ejector/handrail brackets, smokebox door handle
LS76	8	3.00	Symmetrical loco steps	
LS81	2	2.10	Adjustable loco drawbars	Solder the two halves together at your desired loco/tender spacing
LS83	1	7.20	BR Standard boiler detail castings - 1	Lost wax brass injector water valve, vacuum ejector & steam manifold castings
LS84	1	6.90	BR Standard boiler detail castings – 2	Lost wax brass injectors, clack valves and carriage warming valve castings
LS85	1	1.50	BR Standard live steam injector	Lost wax brass casting
LS86	2	1.80	LMS Rebuilt Royal Scot running plate sandboxes	
LS87	1	2.10	LMS Coronation double chimney	
LS88	1	2.10	LMS Coronation vacuum ejector	
LS89	8	1.50	LMS/BR smoke deflector hand hold cups	For the LMS Coronations, rebuilt Royal Scots, Patriots and Jubilees, and BR(WR) Britannias
LS90	1	2.10	LMS Crab chimney	
LS91	1	2.10	LMS Crab dome	
LS92	24	1.50	Valve gear pins	Nickel plated steel pins – an alternative to riveting
LS94	6	1.20	LMS Royal Scot splasher oil boxes	Fitted to the leading splashers
LS95	6	1.80	LMS Ivatt 2MT 2-6-0 oil boxes	Fitted to the running plate
LS96	4	1.50	LMS Stanier steam lance cocks	Fitted to the smokebox to give a steam supply for tube cleaning etc.
LS97	1	2.70	LMS Crab smokebox door	
AG04	25	9.00	Short handrail knobs	For cab and tender handrails. All these handrail knobs should be used with UC039 wire
AG05	25	9.00	Medium handrail knobs	For parallel boiler handrails
AG06	25	9.00	Long handrail knobs	For taper boiler handrails
AG07	25	9.00	Shoulderless handrail knobs	Length adjustable
RM8	12	4.50	Long handrail knobs	For taper boiler handrails
RM9	12	4.50	Short handrail knobs	For cab and tender handrails
RM10	12	4.50	Medium handrail knobs	For parallel boiler handrails

Comet Locomotive Detailing Packs

For BR Standard classes: full plumbing sets comprising lost wax castings, copper wire and fittings together with line drawings to show location of parts and pipe runs; lost wax castings for vacuum pipe, steam pipe and speedometer drive; turned brass smokebox door handle, whistle and safety valves

LDP01	1	36.00	Pacifics	For Britannias, Clans and Duke of Gloucester
LDP02	1	36.00	5MT 4-6-0	Locos 73000-73171
LDP03	1	36.00	4MT 4-6-0 and all 2-6-0s	Locos 75000-75079, 76000-76114, 77000-77019, 78000-78064
LDP04	1	30.00	Tank locos	Locos 80000-80154, 82000-82044, 84000-84029
LDP05	1	36.00	9F 2-10-0	Locos 92000-92019, 92030-92250; may not be suitable for the Crostis 92020-92029

For Stanier/Ivatt LMS Coronation Pacifics: designed to improve the latest Hornby Coronation body moulding but can also be used with earlier Hornby or Hornby Dublo bodies. Includes: etched smoke deflectors, cab floor, fall plate and doors, rear chassis frame extensions, sandbox filler supports, safety valve cover plate; white metal castings for correct height centre cylinder cover, vacuum release valves, sandbox fillers, AWS equipment; lost wax vacuum pipe, speedometer drive; turned brass smokebox door handle, whistle, handrail knobs; complete with full step by step illustrated instructions.

LDP06	1	27.00	Destreamlined Stanier locos	For 6220-6229, 6235-6248
LDP07	1	27.00	Never streamlined Stanier locos	For 6230-6234, 6248-6255
LDP08	1	30.00	Ivatt locos	For 6256 & 6257; includes replacement cab sides and trailing truck

For the Stanier LMS 8F: designed to improve the older Hornby body moulding but can also be used with earlier Hornby Dublo bodies. Includes: etched brass cab sides, roof, floor, fall plate, and doors; turned brass handrail knobs, smokebox door handle, whistle and safety valves; AWS equipment; lost wax vacuum pipe, injectors; complete with full step by step illustrated instructions.

LDP09	1	33.00	Stanier 8F 2-8-0

Comet Locomotive Detailing Frets - etched frets from Comet loco kits and detailing packs available separately as described. They are supplied as frets only and do not include any other components or instructions.

LS75	1	16.50	Rebuilt Royal Scot - smoke deflectors, cab sides, cab and front steps, reversing rod, cab doors, floor and fall plate, balance weights
LS77	1	10.50	Stanier 8F - cab sides, cab and front steps, reversing rod, cab doors, floor and fall plate, balance weights
LS78	1	8.10	Coronations 6220-55 - rear chassis frame extensions under cab, cab doors, floor and fall plate, sandbox filler supports, front frame steps, safety valve cover plate, AWS plate
LS79	1	8.10	Coronations 6256-57 - rear chassis frame extensions under cab, cab sides, cab doors, floor and fall plate, sandbox filler supports, front frame steps, safety valve cover plate, AWS plate

Comet Locomotive Works, Tender and Shed Plates - etched brass frets containing 2 loco works plates, 1 tender build plate, 1 tender water capacity plate (4000 gallons) and a selection of 12 shed plates.

FretE	1 set	1.20	Sheds 2C 4A 4B 18D 19A 19C 19D 19G 20A 20B 20C

Comet Tender Kits - these include an etched chassis for inside bearing wheels, with brake shoes and pull rods; a frame kit with lost wax and whitemetal detail parts; and an etched or resin tender body.

TK1	1	39.00	Stanier LMS 4000 gallon riveted	
TK2	1	39.00	Stanier LMS 4000 gallon welded	
TK3	1	39.00	Stanier LMS 4000 gallon part welded	With short spring hangers
TK4	1	39.00	Ivatt LMS 4000 gallon part welded	With roller bearing axleboxes
TK7	1	36.00	Fowler LMS 3500 gallon flush riveted	
TK8	1	39.00	Stanier LMS Princess Royal	
TK9	1	39.00	Stanier LMS de-streamlined Coronation	

Code	Quantity	Price (£)	Item	Description
TK10	1	39.00	Stanier LMS never streamlined Coronation	
TK11	1	39.00	Stanier LMS Coronation 6253-6255	Part welded body
TK12	1	39.00	Ivatt LMS Coronation 6256-6257	Part welded body, roller bearing axleboxes
TK13	1	TBA	BR1B, C, E, K	Resin body, includes coal pusher
TK14	1	TBA	BR1F	Resin body

Comet Tender Body Kits -designed as a direct fit to our range of tender frame kits, they can also be used to improve an RTR tender; etched brass sides are pre-formed where appropriate.

TB1	1	21.00	Stanier LMS 4000 gallon riveted	
TB2	1	21.00	Stanier LMS 4000 gallon welded	
TB3	1	21.00	Stanier/Ivatt LMS 4000 gallon part welded	
TB5	1	19.50	Fowler LMS 3500 gallon flush riveted	
TB6	1	24.00	Stanier LMS de-streamlined Coronation	
TB7	1	24.00	Stanier LMS never streamlined Coronation	
TB8	1	21.00	Stanier LMS Princess Royal	
TB11	1	21.00	Stanier LMS Coronation 6253-6255	Part welded body
TB12	1	21.00	Ivatt LMS Coronation 6256-6257	Part welded body
TB13	1	TBA	BR1B, C, E, K	Resin casting
TB14	1	TBA	BR1F	Resin casting

Comet Tender Chassis Kits - etched tender base and frames with steps, water scoop, buffers, vacuum and steam pipes, axleboxes and sieve boxes where appropriate.

TF1	1	15.00	Stanier LMS 7'6"x7'6" wheelbase	Standard axleboxes
TF2	1	15.00	Stanier LMS 7'6"x7'6" wheelbase	Later pattern axleboxes
TF3	1	15.00	Ivatt LMS 7'6"x7'6" wheelbase	Roller bearing axleboxes
TF4	1	15.00	Fowler LMS 6'6"x6'6" wheelbase	Standard axleboxes
TF5	1	18.00	BR 7'0"x7'0" wheelbase	For all BR1 tenders; roller bearing axleboxes
TF10	1	15.00	GWR Dean Goods	

Comet Tender Frame Kits - etched in 0.018" brass, with hornways for inside bearing wheel sets; can be compensated if desired. They are designed as a direct fit to our tender chassis packs but can also be used to improve an RTR tender, especially when dispensing with a tender drive mechanism.

TC1	1	7.50	6'6"x6'6" wheelbase	For Johnson/Fowler, early Stanier, smaller Ivatt, BR2 and BR3 amongst others
TC2	1	7.50	7'0"x7'0" wheelbase	For all types of BR1 tender; also MR Deeley
TC3	1	7.50	7'6"x7'6" wheelbase	Includes both LMS and GWR type brake shoes and hangers
TC4	1	7.50	5'3"x5'6"x5'3" wheelbase	For LNER 8-wheel tenders
TC5	1	6.60	7'3"x6'3" wheelbase	For LNER Group Standard tenders

Comet Tender Components - whitemetal castings, unless otherwise shown.

TS1	6	5.10	Stanier LMS standard spring/axlebox	
TS2	6	5.10	Stanier/Ivatt LMS later spring/axlebox	
TS3	6	5.10	Ivatt LMS roller bearing spring/axlebox	
TS4	6	5.70	Fowler MR/LMS spring/axlebox	
TS5	6	6.90	BR Standard spring/axlebox	Includes 2 sieve boxes
TS5A	6	6.90	BR Standard 2MT 2-6-0 spring/axlebox	Includes 2 sieve boxes
TS6	8	7.50	LNER spring/axlebox	
TS7	6	6.00	GWR spring/axlebox	
TS8	6	3.90	Ivatt LMS Class 2 spring/axlebox	Includes 2 sieve boxes
TS9	1 set	3.00	Fowler brake standards & water gauge	Lost wax brass
TS10	1 set	2.40	LMS dome & water filler	For all Fowler/Stanier/Ivatt tenders except the streamlined Pacifics
TS10A	1 set	3.00	LMS streamlined pacific dome & water fillers	
TS11	4	2.10	MR/LMS Fowler/Stanier tubular air vents	
TS12	4	2.10	LMS Ivatt flat air vents	
TS13	1	2.10	Stanier fire iron tunnel	For standard 4000 gallon tenders
TS13A	1	2.10	Stanier pacific tender fire iron tunnel	Slightly longer than TS13
TS14	1	2.40	Coal pusher & valve cover	For LMS Coronations, some BR Britannias and Duke of Gloucester
TS15	2	2.10	Ivatt 4000 gallon tender water sieve boxes	
TS16	1	2.10	Water scoop	

Comet Gearboxes & Components - etched nickel silver fold-up body, with precision cut helical gears with boss and grub screw fixing, allowing sideplay on the driven axle. All gearboxes are supplied with a steel worm with boss and grub screw.

GB1/15	1	21.00	Two-stage 50:1 reduction, 1.5mm motor shaft diameter	
GB1/20	1	21.00	Two-stage 50:1 reduction, 2.0mm motor shaft diameter	
GB2/15	1	12.00	Single-stage 38:1 reduction, 1.5mm motor shaft diameter	
GB2/20	1	12.00	Single-stage 38:1 reduction, 2.0mm motor shaft diameter	
GB3/15	1	21.00	Two-stage 38:1 reduction, 1.5mm motor shaft diameter	
GB3/20	1	21.00	Two-stage 38:1 reduction, 2.0mm motor shaft diameter	
GB4/15	1	12.00	Single-stage 38:1 reduction, 1.5mm motor shaft diameter	
GB5/15	1	19.50	Compact two-stage 38:1 reduction, 1.5mm motor shaft diameter	
GB5/20	1	19.50	Compact two-stage 38:1 reduction, 2.0mm motor shaft diameter	
GB8/15	1	21.00	As GB1/15, but for use with the Canon 1620 motor (Mashima replacement)	
MGB1	1	105.00	Crossed helical gears, with Maxon coreless motor; 20:1 overall reduction	
DE38	1	9.00	Drive extenders for use with GB5. These allow variable geometry and extra height where a motor must clear the top of the driving wheels.	
DE46	1	9.00	They also offer the choice of 38, 46 or 50:1 reduction. Supplied with gear and layshaft.	
DE50	1	9.00		
FL1	1	3.60	Turned brass flywheel	12mm dia. x 6mm width x 1.5mm bore, 5.2g mass
FL2	1	3.60	Turned brass flywheel	14mm dia. x 6mm width x 1.5mm bore, 7.5g mass
FL3	1	3.60	Turned brass flywheel	14mm dia. x 8mm width x 2.0mm bore, 9.8g mass
FL4	1	3.60	Turned brass flywheel	16mm dia. x 8mm width x 2.0mm bore, 12.8g mass
GEAR22R	1	5.10	22:1 RH gear	Spare part for Comet GB5 gearboxes
GEAR38L	1	5.10	38:1 LH gear	Spare part for Comet GB3 & GB5 gearboxes
GEAR38R	1	5.10	38:1 RH gear	Spare part for Comet GB1, GB2, GB5 gearboxes & DE38 drive extenders
GEAR46R	1	5.10	46:1 RH gear	Spare part for Comet GB3 gearboxes & DE46 drive extenders
GEAR50L	1	5.10	50:1 LH gear	Spare part for Comet GB1 gearboxes
GEAR50R	1	5.10	50:1 RH gear	Spare part for Comet DE50 drive extenders
GRUBSCREW	5	1.80	Grubscrews	As used in all Comet gears and worms
WORM15		2.40	1.5mm bore worm	As used in all Comet gearboxes suffixed /15
WORM20		2.40	2.0mm bore worm	As used in all Comet gearboxes suffixed /20

GEM

G4901	36	TBA	Loco lamp irons	Etched brass fret of 36 of various types

Kemilway

BG1	8	3.00	LMS loco brake shoes	Includes hangers and cross shafts (was Mainly Trains KY05)

Mainly Trains

MT001A	Pair	2.40	Bowed fluted coupling rods - 7'3"+7'3" w.b.	Etched nickel silver replacements for the Hornby Hall/B12 and Wrenn Castle chassis
MT001B	Pair	2.40	Parallel fluted coupling rods - 7'3"+7'3" w.b.	Etched nickel silver replacements for the Hornby Hall/B12 and Wrenn Castle chassis
MT002A	Pair	2.40	Bowed fluted coupling rods - 8'0"+6'6" w.b.	Etched nickel silver replacements for the Wrenn 0-6-0T/0-6-2T chassis

Code	Quantity	Price (£)	Item	Description
MT002B	Pair	2.40	Parallel fluted coupling rods - 8'0"+6'6" w.b.	Etched nickel silver replacements for the Wrenn 0-6-0T/0-6-2T chassis
MT003A	Pair	2.40	Bowed fluted coupling rods - 7'9"+8'3" w.b.	Etched nickel silver replacements for the Triang/Hornby 0-6-0T chassis
MT003B	Pair	2.40	Parallel fluted coupling rods - 7'9"+8'3" w.b.	Etched nickel silver replacements for the Triang/Hornby 0-6-0T chassis
MT014	2	2.10	LMS/BR whistle	Brass turning
MT032	1	1.80	GWR Castle standard chimney	For all Castles numbered below 7000
MT033	1	1.80	GWR Castle short chimney	For 7000-7037
MT100	1	21.00	GWR 3500 gallon tender chassis	For the Bachmann Manor and 4300 Mogul; includes axlebox/spring castings
MT101	1	21.00	LNER Group Standard tender chassis	7'3"x6'3" wheelbase; includes axlebox/spring and water scoop castings
MT104	1	18.00	Cambrian Railways 2-4-0T chassis kit	For the GEM kit
MT105	1	24.00	Hawksworth GWR 4000 gallon tender chassis	As used on the Counties, Modified Halls and some Castles
MT106H	1	24.00	GNR J52 0-6-0ST chassis	Frames, rods and brake gear for the simple replacement of the Hornby model chassis
MT106S	1	28.50	GNR J52 0-6-0ST scale chassis	Scale chassis as above; requires some modification to the Hornby body
MT107	1	30.00	GNR J52 0-6-0ST body modification pack	Use with MT106S; includes sprung buffers, safety valves, injectors, whistle etc.
MT115	Pair	1.50	GWR sandboxes	Left hand/right hand pair
MT127	4	1.80	GWR Collett tapered loco buffers	
MT128	1	0.90	GWR loco boiler support	Suits 2800, 5600; probably others too
MT160	1	1.80	Motor mount – for Mashima 12 series motors	8.0mm fixing hole centres
MT161	1	1.80	Motor mount – for Mashima 10 series motors	8.5mm fixing hole centres
MT162	1	1.80	Motor mount – for Mashima 16 series motors	10.0mm fixing hole centres
MT173	6	2.40	00 loco frame spacers	Etched brass tab & slot type, 11.7mm wide
MT174	6	2.40	EM/P4 loco frame spacers	Etched brass tab & slot type, 13.0mm wide
MT175	20	6.00	Generic loco brake shoes & hangers	For driving wheels up to 5'2" diameter, 2 different styles
MT176	5 sets	9.00	Generic loco brake shoes & hangers	For driving wheels over 5'2" diameter, 5 different styles
MT177	4 sets	9.00	GWR small loco brake shoes & hangers	For 0-6-0ST, 0-6-0PT, Dean Goods, small 2-6-2Ts etc.
MT179	5 sets	9.00	MR/LMS loco brake shoes & hangers	For the MR 0-6-0, 0-6-0T and 4-4-0 classes, plus Ivatt and Fowler 2-6-0, 2-6-2T and 2-6-4Ts
MT180	5 sets	9.00	LNER loco brake shoes & hangers	For driving wheels below 6' diameter – J39, J72, K1, K3, N7 etc.
MT181	4 sets	9.00	GWR large loco brake shoes & hangers	For all the 4-6-0s and the larger wheeled 2-6-0 and 2-6-2T classes
MT182	7 sets	7.50	SR loco brake shoes & hangers	For the smaller wheeled classes such as Terriers, M7, N, Q, W, Z, C, E4-6 etc.
MT183	6 sets	6.60	LNER loco brake shoes & hangers	For driving wheels above 6' diameter – B1, B12, Pacifics
MT184	5 sets	6.90	LMS loco brake shoes & hangers	For driving wheels 6' & above diameter – 2P, Compound, 4-6-0s, Pacifics
MT185	1 set	8.40	Tender brake gear	For LNER 3'9", LMS 4'3", SR 4' or GWR 4'1½" diameter 6-wheel tenders
MT186	1	18.00	Loco brake rigging fret	All the rods and beams that connect the brake shoes together
MT187	1	6.60	Loco lamp irons fret	Various loco and tender lamp irons for LSWR/SR, GER/LNER, GWR
MT222	1	24.00	GWR 1400 detailing kit	Various brass & whitemetal parts to detail the Airfix/Dapol body
MT226	28 pairs	6.30	Loco spectacle plates and grilles	9 different types, including GWR 1400 and 8750 classes
MT227	1	8.40	Loco detailing fret 1	Regulator handles, reversing levers, handwheels etc.
MT231	12	10.50	MR/LMS loco & tender steps	8 pairs of loco and 4 four pairs of tender steps for 2P, 4F, Compound etc.
MT232	3 sets	7.50	Parallel sided loco & tender steps	1 set each 12", 15" & 18" wide
MT248	1	27.00	NER J72 0-6-0T improvement kit	Etched chassis & other parts to improve the Mainline/Bachmann J72
MT249	1	27.00	NER J71 0-6-0T conversion kit	Etched chassis & other parts to convert the Mainline/Bachmann J72
MT252	1 set	1.50	GWR tender steps	Set of 4 etched brass steps for 3000 and 3500 gallon standard tenders
MT253	1	18.00	Maunsell SR tender chassis	Includes inner and outer frames, suitable for 00, EM & P4
MT253A	1	1.50	SR N Mogul tender body	Bachmann plastic body, in SR olive green as No. 1406
MT254	1	13.50	Bachmann SR N Mogul detailing fret	Includes smoke deflectors, cab doors, route discs, frame overlays etc.
MT256	1	5.40	Loco detailing fret 2	Cab doors & vents, route discs, destination boards etc.
MT257	20	1.50	Spring hangers	10 each of two sizes
MT260	18	1.50	Smokebox door handwheels	6 each of 4 spoke, 5 spoke and solid
MT320	2	2.70	GNR loco vacuum pipes	
MT321	1	2.70	GNR J52 water tank balance pipe	
MT322	1	2.40	GNR whistle	
MT323	2	4.80	GNR J52 injector	
MT324	1 set	2.40	GNR J52 sandboxes	Set of 2 front and 2 rear
MT325	1	2.70	GWR motor fitted loco backhead	For the 1400, 5400 and 6400 classes
MT326	1	2.40	GWR loco brake standard	
MT327	1	2.10	GWR screw reverser	
MT328	1	5.70	GWR 1400 chimney	
MT329	1	2.10	GWR 3'9" drumhead smokebox door	For the 1400 and other classes
MT330	1	2.10	GWR ATC box	For the 1400 class
MT331	1	3.90	GWR safety valve bonnet (flat base)	For the Collett 1400 0-4-2T and probably other classes too
MT332	1	1.50	GWR push/pull regulator bracket	
MT333	1 pair	2.70	GWR 1400 vacuum pipes	Front and rear pipes, with ATC terminal boxes
MT334	2	2.40	GWR 1400 steam heating pipes	
MT337	1	1.80	GWR tender water scoop	
MT355	1	3.00	Diamond pattern chequer plate	Etched brass fret, 63mm x 30mm; ideal for loco fall plates etc.
MT375	1 set	6.00	GNR J52 coupling rods & brake gear	For detailing the Hornby model
MT379	2	1.50	GWR tender vacuum reservoirs	For 3,500 gallon tenders
Markits				
M4CRHDDS	2	9.90	Double slidebar crossheads	Machined in nickel silver; suit all Comet etched double slidebars
M4CRHDSS	2	9.90	Single slidebar crossheads	Machined in nickel silver; suit all Comet etched single slidebars
M4CRNKPRtnBR	2	9.00	LMS/BR return cranks (Skefko bearing)	Replace Markits crankpins on the driving axle. Skefko have a brass bearing at the rod end
M4CRNKPRtn LMR	2	9.00	LMS return cranks (plain bearing)	
M4CRNKPRtnER	2	9.00	LNER return cranks (Skefko bearing)	
M4CRNKPRtnERp	2	9.00	LNER return cranks (plain bearing)	
M4CRNKPRtnSRs	2	9.00	BR(SR)return cranks (Skefko bearing)	For the rebuilt Bulleid Pacifics
M4CRNKPRtnSRp	2	9.00	SR return cranks (plain bearing)	
M4DAHpr	2 pairs	6.30	Diesel & electric air horns	Two 5mm long, two 6mm long
M4SftyV8	2	6.00	LMS Ivatt/Fowler Ross pop safety valves	Round base, turned in brass; also used by the LNER
M4SftyV9	2	6.00	LMS/BR Ross pop safety valves	Hexagonal base, turned in brass
M4WALP1	1	7.80	Westinghouse pump	8" variety
M4WASHD	12	3.30	Boiler washout plugs, disc type	
M4WASHI	12	3.30	Boiler washout plugs, insert type	
M4WhistU	1	4.50	LSWR Drummond/Urie whistle	Turned brass
MCLACK-SR	Pair	5.40	SR clack valves	Brass turnings and copper wire for the feed pipes
MFS10	10	2.70	Motor fixing screws	M1.4x2 for Mashima 10 series motors
MFS16	10	2.70	Motor fixing screws	M2x2 for Mashima 10 series motors
Springside				
DA1	5	6.90	GWR head & tail lamps	White body; 4 clear and one red lamp
DA2	5	6.90	GWR head & tail lamps	Red body; 4 clear and one red lamp
DA3	5	6.90	SR head & tail lamps	White body; 4 clear and one red lamp
DA4	5	6.90	LMS head & tail lamps	White body; 4 clear and one red lamp

Code	Quantity	Price (£)	Item	Description
DA4A	5	6.90	LMS head & tail lamps	Black body; 4 clear and one red lamp
DA5	5	6.90	LNER head & tail lamps	White body; 4 clear and one red lamp
DA6	5	7.50	Guard's van tail lamps	Black body; clear and red lenses
DA7	6	6.90	Hand signal lamps	2 green, 2 red, 2 clear lamps
DA8	15	6.90	Assorted lamps, unpainted	
DA16	1 set	6.90	Fire irons for tender locomotives	Contains firing shovel, dart, ash rake and shovel etc.
DA17	1	6.90	Locomotive tool set	Various spanners and hammers etc.
DA19	5	6.90	BR head & tail lamps	White body; 4 clear and one red lamp
DA20BR	5	6.90	BR tail lamps	White body
DA20GWR	5	6.90	GWR tail lamps	White body
DA20GWRR	5	6.90	GWR tail lamps	Red body
DA20LMS	5	6.90	LMS tail lamps	White body
DA20LMSB	5	6.90	LMS tail lamps	Black body
DA20LNER	5	6.90	LNER tail lamps	White body
DA20SR	5	6.90	SR tail lamps	White body
DA61	1 set	6.90	Fire irons set for tank engine	As DA16 but with shorter shafts
DA99	5	6.90	Modern tail lamps	

7mm Scale

Alan Gibson

7M53	25	9.30	Short handrail knobs	For cab and tender handrails – use LS06/3 wire
7M54	25	9.30	Medium handrail knobs	For parallel boiler handrails – use LS06/3 wire
7M55	25	9.30	Long handrail knobs	for taper boiler handrails – use LS06/3 wire

Springside

7MM15	5	10.20	GWR head & tail lamps	Red body; 4 clear and one red lamp
7MM16	5	10.20	GWR head & tail lamps	White body; 4 clear and one red lamp
7MM17	5	11.10	Guard's van tail lamps	Black body; clear and red lenses
7MM19	1	10.80	Locomotive tool set	Spanners, oil cans, hammer and screwdriver
7MM21	5	10.20	LMS head & tail lamps	White body; 4 clear and one red lamp
7MM22	5	10.20	LMS head & tail lamps	Black body; 4 clear and one red lamp
7MM24	1 set	10.80	Fire irons for tender or tank locomotives	Contains firing shovel, dart, ash rake and shovel etc.
7MM27A	5	10.20	GWR tail lamps	Red body
7MM27B	5	10.20	GWR tail lamps	White body
7MM27C	5	10.20	LMS tail lamps	Black body
7MM27D	5	10.20	LMS tail lamps	White body
7MM27F	5	10.20	BR tail lamps	White body
7MM27G	5	10.20	SR tail lamps	White body
7MM27H	5	10.20	LNER tail lamps	White body
7MM88	5	10.20	Modern tail lamps	White body
7MM89	5	10.20	SR head & tail lamps	White body; 4 clear and one red lamp
7MM90	5	10.20	LNER head & tail lamps	White body; 4 clear and one red lamp

Part D) Carriage Kits and Components

3mm Scale

Carriage components

Comet

C306	96	2.40	Etched 'T' pattern door handles	

4mm Scale

51L carriage kits

Great Western Railway

GWRDN006	1	25.50	Diagram N6 horse box	50 built between 1889 and 1891

Lancashire & Yorkshire Railway (when ordering add suffix E for early bogies with conventional outside springs or L for later bogies with inside springs)

LYRD084	1	69.00	D84 corridor brake composite	1908 semi-elliptical roof design for long-distance through services to other companies
LYRD086	1	60.00	D86 non-corridor composite	1906 semi-elliptical roof carriages for high-density traffic; used with D87, D94, D98
LYRD087	1	60.00	D87 non-corridor lavatory composite	Lavatory counterpart of D86, D94, D98
LYRD090	1	69.00	D90 corridor third	All-third counterpart of D84, D91, D104, D105
LYRD091	1	69.00	D91 corridor brake third	Brake third counterpart of D84, D90, D104, D105
LYRD094	1	60.00	D94 non-corridor brake third	Brake counterpart of D86, D87, D98
LYRD098	1	60.00	D98 non-corridor third	All-third counterpart of D86, D87, D94
LYRD104	1	69.00	D104 corridor composite	Part of the D84, D90, D91, D105 family
LYRD105	1	69.00	D105 corridor brake third	Final design in the D84, D90, D91, D104 family

London & North Western Railway

LNWD026	1	48.00	Diagram 26 prize cattle box	With drover's compartment; fully fitted with Westinghouse through pipe
LNWD110	1	63.00	D110 non-gangwayed cove roof first	7 compartments, 24 built 1903-4; used with D182, D285, D336, D338
LNWD126	1	84.00	D126 corridor brake first	Four compartment design; all converted to D210A brake composites before Grouping
LNWD131	1	87.00	D131/D132 corridor composite	105 built 1913-1920; often marshalled as 4-car sets with a D135 and two brake thirds
LNWD135	1	87.00	D135 corridor composite	52'6" long, 51 built 1913-14; 25 dual fitted for use on the Caledonian Railway
LNWD146	1	66.00	D146 non-corridor lavatory composite	85 built around the Great War period
LNWD147	1	75.00	D147 non-corridor lavatory composite	1907 design used between two D321 brake thirds
LNWD176	1	72.00	D176 non-corridor suburban composite	163 built by the Grouping; two usually marshalled between two D333 brake thirds
LNWD182	1	60.00	D182 non-gangwayed cove roof composite	7 compartments, 29 built 1904-7; used with D110, D285, D336, D338
LNWD267	1	84.00	D267 corridor third	50' underframe, two batches built 1910-1913; usually found in 4-car sets
LNWD283	1	72.00	D283 non-corridor suburban third	The final LNWR non-corridor design, 93 built 1913-23; often ran with 2 x D333 and 1 x D176
LNWD285	1	60.00	D285 non-gangwayed cove roof third	8 compartments, 73 built 1903-6; used with D110, D182, D336, D338
LNWD307	1	60.00	D307 corridor brake third	88 built in 1913
LNWD308	1	60.00	D308 corridor brake third	25 built in 1907, with the new high roof profile
LNWD309	1	60.00	D309 corridor brake third	30 built in 1909
LNWD321	1	75.00	D321 non-corridor lavatory brake third	The brake counterpart of D147
LNWD333	1	72.00	D333 non-corridor suburban brake third	The brake counterpart of D283; 154 produced 1913-23
LNWD336	1	66.00	D336 non-gangwayed cove roof brake third	6 compartments, 33 built 1903-4; used with D110, D182, D285, D338
LNWD338	1	66.00	D338 non-gangwayed cove roof third	5 compartments, 82 built 1904-7; used with D110, D182, D285, D336
LNWD370E	1	78.00	D370E corridor full brake	16 built; can be converted to the Ambulance Train batch by fitting truss rod bogies
LNWD436	1	33.00	D436 horse box	Nearly 700 built, equipped with separate luggage and groom's compartments

Code	Quantity	Price (£)	Item	Description
LNWD466	1	20.40	D466 carriage truck	For the transport of horse drawn or motor road vehicles
LNWDMDT	1	48.00	Diagrams M25/M56 motor driving trailer	Rebuilt from D285 above; makes up an interesting push-pull train
Midland Railway				
MRD418	1	30.00	D418 25' fruit & milk van	3 compartment van; 25 built in 1893
MRD420	1	30.00	D420 25' parcels van	12 built in 1885/6; compartments used for a particular destination or group of destinations
MRD469	1	75.00	D469 54' clerestory corridor composite	1905 Bain round-panelled design; some ended up with the LNER via the Scottish Joint stock
MRD473	1	75.00	D473 54' clerestory corridor third	All-third counterpart of D469
MRD490	1	60.00	D490 43' bogie third	Clayton 1881 arc roof design; very similar to the contemporary 6-wheel arc roof stock
MRD493	1	60.00	D493 6-wheel 31' third	Clayton arc roof design, built 1878-95; also built by the G&SWR and NBR
MRD494	1	54.00	D494 6-wheel 31' lavatory third	Lavatory counterpart of D493
MRD502	1	60.00	D502 43' bogie brake third	Brake counterpart of D490
MRD504	1	60.00	D504 6-wheel 31' brake third	Brake counterpart of D493
MRD513	1	60.00	D513 45' bogie luggage composite carriage	6 compartments, another part of the D490 series; some later altered for push-pull services
MRD516	1	60.00	D516 6-wheel 31' luggage composite	Another design in the D493 family
MRD516L	1	60.00	D516 6-wheel 31' lavatory composite	Lavatory counterpart of D516
MRD526	1	60.00	D526 45' bogie brake composite carriage	5 compartment brake version of D513
MRD529	1	30.00	D529 25' brake van	Clayton arc roof design; 371 built 1877-94
MRD559	1	75.00	D559 54' corridor brake composite	Brake counterparts of D469/473
MRD561	1	75.00	D561 54' corridor brake third	

Comet carriage kits and sides

We offer a wide range of coach types from the LMS, GWR, SR, LNER, Pullman and BR covering the period from the mid-1920s to the early 1970s. Sides packs for non-panelled types are pre-formed and contain full details of each prototype including roof, interior and underframe plans, end elevations and side scrap views, together with livery details and running numbers. Depending on the length of the coach, sides packs may often be used to overlay RTR coaches, or they can be combined with our underframes, bogies, roof section, ends, interiors and detail castings packs to form a complete kit. These component packs are all available separately as detailed below. The range is therefore adaptable to the needs of those who would like to add a little variety or extra detail to their ready to run stock through to the enthusiast who wishes to run complete trains of highly detailed scale models which are accurate for the period and setting of their railway.

Complete coach kits are packed in a box to ensure safe postal delivery and include etched door handles, wire for end handrails/grab rails and fixings for the underframe and bodyshell. They are offered at an incentive price which is less than the aggregate of the included parts.

Diagram		Sides Pack, £	Complete Kit, £	
London Midland & Scottish Railway				
D1705	68' Period I Sleeper First (1925)	M1S, 19.50	M1K, 72.00	12-wheeler
D1654	57' Period I Corridor Brake First (1924)	M2S, 15.00	M2K, 69.00	Two-window body
D1695	57' Period I Corridor Third (1924)	M3S, 14.10	M3K, 69.00	All door body
D1692/1699	57' Period I Open Third (1925)	M4S, 14.10	M4K, 69.00	Two-window body
D1745	57' Period I Open Third (1925)	M5S, 12.00	M5K, 70.50	Steel body
D1709	60' Period I Corridor/Sleeper Third (1928)	M6S, 15.00	M6K, 69.00	
D1716	60' Period I Corridor Composite (1930)	M7S, 15.00	M7K, 66.00	Two-window body
D1755/1755A	57' Period I Corridor Brake Composite (1926)	M8S, 15.00	M8K, 66.00	All door body
D1697	50' Period I Kitchen Car (1924)	M9S, 12.00	M9K, 51.00	Steel body
D1715	50' Period I Full Brake (1926)	M10S, 10.50	M10K, 48.00	Steel body
D1778	50' Period I Full Brake (1925)	M11S, 12.00	M11K, 51.00	
D1700	57' Period I Non-gangwayed Third (1925)	M12S, 16.50	M12K, 60.00	
D1703	57' Period I Non-gangwayed Brake Third (1925)	M13S, 10.50	M13K, 60.00	
D1701	57' Period I Non-gangwayed Composite (1925)	M14S, 16.50	M14K, 60.00	
D1702	57' Period I Non-gangwayed First (1925)	M15S, 10.50	M15K, 60.00	
D1742	57' Period I Open First (1925)	M16S, 12.00	M16K, 64.50	Two-window body
D1696	57' Period I Corridor Brake Third (1926)	M17S, 16.50	M17K, 66.90	All door body
D1746	57' Period I Open Brake Third (1926)	M18S, 16.50	M18K, 67.50	Steel body
D1694	57' Period I Corridor Composite (1924)	M19S, 16.50	M19K, 66.00	All door body
D1718/1810	68' Period II Restaurant First (1930)	M20S, 16.50	M20K, 81.00	12-wheeler
D1807	57' Period II Open Third (1931)	M21S, 13.50	M21K, 66.00	
D1721/1738	60' Period II Restaurant/Open Third (1930)	M22S, 10.50	M22K, 66.00	Also covers D1722 RFO and D1795 TO
D1730	57' Period II Corridor Brake Third (1930)	M23S, 13.50	M23K, 66.00	Steel body
D1781/1844	68' Period I Sleeper Composite (1930)	M24S, 16.50	M24K, 69.00	12-wheeler
D1735	57' Period II Non-gangwayed Brake Third (1930)	M25S, 12.00	M25K, 60.00	
D1790	57' Period II Non-gangwayed Driving Brake Third (1930)		M25DK, 61.50	Converted from D1735, sides unchanged
D1734	57' Period II Non-gangwayed Composite (1930)	M26S, 10.50	M26K, 57.00	
D1791	60' Period II Corridor Composite (1931)	M27S, 13.50	M27K, 66.00	
D1784	57' Period II Non-gangwayed Third (1930)	M28S, 10.50	M28K, 60.00	
D1845/1962	57' Period II Corridor Brake First (1931)	M29S, 10.50	M29K, 61.50	Steel body
D1909/20/30/60	57' Stanier Corridor First (1936)	M30S, 12.90	M30K, 64.50	
D2121	57' Stanier Corridor First (1948)	M31S, 16.50	M31K, 69.00	
D2162	57' Stanier Corridor First (1950)	M32S, 12.60	M32K, 66.00	Porthole stock
D2160	60' Stanier Open First (1948)	M33S, 15.00	M33K, 69.00	Porthole stock
D1902	65' Stanier Restaurant Open First (1934)	M34S, 15.00	M34K, 69.00	
D1926/2166	69' Stanier Sleeper First (1935)	M35S, 24.00	M35K, 69.00	12-wheeler; M35S includes ends
D2168	60' Stanier Corridor Brake First (1949)	M36S, 14.10	M36K, 66.00	Porthole stock
D1899	57' Stanier Corridor Third (1933)	M37S, 12.90	M37K, 64.50	
D2119	57' Stanier Corridor Third (1946)	M38S, 12.00	M38K, 66.00	
D2170	57' Stanier Corridor Third (1950)	M39S, 12.90	M39K, 64.50	Porthole stock
D1904/1981	57' Stanier Open Third (1933)	M40S, 10.50	M40K, 66.00	
D1915/1915A	57' Stanier Open Third (1935)	M41S, 13.50	M41K, 69.00	
D1999	57' Stanier Open Third (1938)	M42S, 13.50	M42K, 67.50	
D1905	57' Stanier Corridor Brake Third (1934)	M43S, 10.50	M43K, 66.00	
D1968	57' Stanier Corridor Brake Third (1937)	M44S, 10.50	M44K, 72.00	
D2123	57' Stanier Corridor Brake Third (1948)	M45S, 11.40	M45K, 66.00	
D2161	57' Stanier Corridor Brake Third (1949)	M46S, 12.90	M46K, 66.00	Porthole stock
D1901/1923	68' Stanier Restaurant Third (1933)	M47S, 16.50	M47K, 84.00	12-wheeler
D1925/1969	60' Stanier Corridor Composite (1935)	M48S, 10.50	M48K, 66.00	
D2117	60' Stanier Corridor Composite (1946)	M49S, 13.50	M49K, 66.00	
D2159	60' Stanier Corridor Composite (1949)	M50S, 13.50	M50K, 66.00	Porthole stock
D1903	57' Stanier Open Composite (1934)	M51S, 16.50	M51K, 67.50	
D1720A	60' Stanier Corridor Brake Composite (1939)	M52S, 12.00	M52K, 66.00	
D1850	60' Stanier Corridor Brake Composite (1932)	M53S, 15.00	M53K, 66.00	
D1932/2010	62' Stanier Corridor Brake Composite (1935)	M54S, 15.00	M54K, 67.50	
D1912	50' Stanier Kitchen Car (1934)	M55S, 10.50	M55K, 51.00	
D1854/2007	50' Stanier Full Brake (1932)	M56S, 12.00	M56K, 54.00	Riveted bogies
D2007	50' Stanier Full Brake (1938)	M56S, 10.50	M56AK, 54.00	Welded bogies
D1906/2124	57' Stanier Non-gangwayed Third (1933)	M57S, 10.50	M57K, 60.00	
D1964/1964A	57' Stanier Non-gangwayed Brake Third (1936/1937)	M58S, 10.50	M58K, 60.00	
D1796/2000	31' Stanier Stove R Full Brake (1932)	M59S, 9.00	M59K, 42.00	6-wheeler
D1910/1961	57' Stanier Corridor Brake First (1934)	M60S, 10.50	M60K, 66.00	

Diagram		Sides Pack, £	Complete Kit, £	
D1938	68' Stanier Restaurant Composite (1936)	M61S, 15.00	M61K, 81.00	12-wheeler
D1851	57' Stanier Corridor Brake Third (1933)	M62S, 13.50	M62K, 66.00	
D1851	57’ Stanier Driving Corridor Brake Third (1954)		M62DK, 66.00	
D1913	57' Stanier Open Brake Third (1934)	M63S, 13.50	M63K, 67.50	
D1921/1921A	57' Stanier Non-gangwayed Composite (1933)	M64S, 10.50	M64K, 60.00	
D1965	54'3" Stanier Articulated Open Brake Third+Third (1937)	M65S, 21.00	M65K, 99.00	
D1966	54'3" Stanier Articulated Open Third+Third (1937)	M66S, 21.00	M66K, 102.00	Same as D1967 Open Third+Composite
D1857	68' Stanier Restaurant First (1933)	M67S, 16.50	M67K, 81.00	12-wheeler
D1947	69' Stanier Sleeper Composite (1936)	M68S, 24.00	M68K, 72.00	12-wheeler; M68S includes ends
D1948	57' Stanier Restaurant/Buffet (1936)	M69S, 15.00	M69K, 67.50	
D2046	50' Stanier District Inspectors Saloon (1941)	M70S, 21.00	M70K, 57.00	M70S includes ends
D1717	57' Period II Corridor Brake First (1929)	M95S, 10.50	M95K, 66.00	
D1782	60' Period II Corridor Third (1930)	M96S, 10.50	M96K, 66.00	
D1685	57' Period I Non-gangwayed Lavatory Brake Third (1926)	M97S, 14.10	M97K, 60.00	
D1686	57' Period I Non-gangwayed Lavatory Composite (1926)	M98S, 16.50	M98K, 61.50	
D1811	68' Period II Restaurant Composite (1932)	M99S, 15.00	M99K, 87.00	12-wheeler
Great Western Railway				
C44/45	70' Collett Corridor Third (1923)	W1S, 18.00	W1K, 72.00	One flat, one bow end
C46	70' Collett Corridor Third (1923)	W1AS, 18.00	W1AK, 72.00	Two flat ends
C50	70' Collett Corridor Third (1924)	W1AS, 18.00	W1BK, 72.00	Two bow ends
H15	70' Collett Unclassified Restaurant (1936)	W2S, 21.00	W2K, 72.00	Sliding window vents rebuild, 4-wheel bogies
H15	70' Collett Unclassified Restaurant (1936)	W2S, 21.00	W2AK, 75.00	Sliding window vents rebuild, 6-wheel bogies
D82	70' Collett Corridor Brake Third, right hand (1923)	W3S, 16.50	W3K, 69.00	One flat, one bow end
D84	70' Collett Corridor Brake Third, right hand (1923)	W3S, 16.50	W3AK, 66.00	Two flat ends
D90	70' Collett Corridor Brake Third, left hand (1924)	W4S, 16.50	W4K, 69.00	One flat, one bow end
D83	70' Collett Corridor Brake Third, left hand (1923)	W4S, 16.50	W4AK, 66.00	Two flat ends
H27/28	70' Collett Restaurant Composite (1936)	W5S, 16.50	W5AK, 81.00	Flat ended 12-wheeler, sliding vent rebuild
H26/29	70’ Collett Restaurant Composite (1936)	W5S, 16.50	W5BK, 81.00	Bow ended, 4 wheel bogies, sliding vent rebuild
C54	57' Collett Corridor Third, bow ended (1925)	W6S, 12.00	W6K, 66.00	Bow ended
D95	57' Collett Corridor Brake Third, right hand (1925)	W7S, 12.00	W7K, 66.00	Bow ended
E127	57' Collett Corridor Composite, left hand (1925)	W8S, 12.00	W8K, 66.00	Bow ended
E128	57' Collett Corridor Brake Composite (1925)	W9S, 13.50	W9K, 66.00	Bow ended
K38	57' Collett Ocean Mails Full Brake (1926)	W10S, 13.50	W10K, 54.00	Bow ended
C67	57' Collett Corridor Third (1934)	W11S, 13.50	W11K, 60.00	
E148	57' Collett Corridor Brake Composite (1934)	W12S, 13.50	W12K, 60.00	
K42	57' Collett Full Brake (1937)	W13S, 15.00	W13K, 51.00	
A22	60' Collett Corridor First (1938)	W14S, 13.80	W14K, 63.00	Sunshine stock
D127	61' Collett Corridor Brake Third (1938)	W15S, 12.90	W15K, 63.00	Sunshine stock
E162	60' Collett Corridor Composite (1941)	W16S, 14.10	W16K, 63.00	Sunshine stock
K40	60' Collett Full Brake (1930)	W17S, 13.50	W17K, 54.00	Bow ended
C66/C75	55'3" Collett Non-gangwayed Third (1934)	W18S, 13.50	W18K, 54.00	
D117	57' Collett Non-gangwayed Brake Third (1934)	W19S, 13.50	W19K, 54.00	
C60/C62	60' Collett Corridor Third (1930)	W20S, 10.50	W20K, 63.00	Bow ended
C61/C63	60' Collett Non-gangwayed Third (1930)	W21S, 10.50	W21K, 57.00	Bow ended
E141	60' Collett Non-gangwayed Composite (1930)	W22S, 16.50	W22K, 63.00	Bow ended
D109	60' Collett Non-gangwayed Brake Third (1930)	W23S, 16.50	W23K, 63.00	Bow ended; kit will need brake end modifying
E158	60' Collett Corridor Composite (1938)	W24S, 14.10	W24K, 63.00	Sunshine stock
C81	61' Collett Corridor Third (1941)	W25S, 14.10	W25K, 63.00	Sunshine stock
H38	60' Collett Restaurant Composite (1947)	W26S, 10.50	W26K, 70.50	Bow ended, as rebuilt with sliding window vents
H57	Collett 61' Restaurant Composite (1938)	W27S, 13.80	W27K, 78.00	Sunshine stock, 12-wheeler
H39	Collett 60' Restaurant First (1947)	W28AS, 13.50	W28AK, 75.00	Bow ended, as rebuilt with sliding window vents
H40	Collett 60' Restaurant Third Open (1947)	W28BS, 13.50	W28BK, 69.00	Bow ended, as rebuilt with sliding window vents
H25	Collett 57' Restaurant Composite (1939)	W29S, 10.50	W29AK, 63.00	Flat ended, as rebuilt with sliding window vents
H33	Collett 57' Restaurant Composite (1939)	W29S, 10.50	W29BK, 64.50	Bow ended, as rebuilt with sliding window vents
A23	Hawksworth 64' Corridor First (1949)	W30S, 10.50	W30K, 66.00	
C82/C84	Hawksworth 61' Corridor Third (1948)	W31S, 10.50,	W31K, 66.00	
D133	Hawksworth 64' Corridor Brake Third (1949)	W32S, 10.50	W32K, 66.00	
E164	Hawksworth 64' Corridor Brake Composite (1948)	W33S, 10.50	W33K, 66.00	
K45/K46	Hawksworth 64' Full Brake (1949)	W34S, 10.50	W34K, 57.00	
E163/E165	Hawksworth 64' Corridor Composite (1949)	W35S, 10.50	W35K, 66.00	
J18	Hawksworth 64' Sleeper First (1951)	W36S, 16.50	W36K, 69.00	
A38-40, A43	Hawksworth 64' Auto Trailer (1951)	W37S, 30.00	W37K, 72.00	W37S includes ends
A20	Collett 60' Corridor First (1937)	W40S, 15.00	W40K, 63.00	Large windowed
C73	Collett 61' Corridor Third (1937)	W41S, 10.50	W41K, 60.00	Large windowed
D124	Collett 61' Corridor Brake Third (1937)	W42S, 15.00	W42K, 60.00	Large windowed
E155	Collett 60' Corridor Composite (1937)	W43S, 10.50	W43K, 60.00	Large windowed
E152/E153	Collett 61' Corridor Brake Composite (1936)	W44S, 13.50	W44K, 60.00	Large windowed
C77	Collett 61' Corridor Third (1938)	W45S, 10.50	W45K, 49.50	Sunshine stock
F24	Collett 61' Double Ended Slip Composite (1938)	W46S, 24.00	W46K, 72.00	W46S includes ends
C70	Collett 61' Corridor Third (1936)	W47S, 15.00	W47K, 60.00	
D121	Collett 61' Corridor Brake Third (1936)	W48S, 13.50	W48K, 60.00	Large windowed
E151	Collett 58'7" Corridor Composite (1938)	W49S, 15.00	W49K, 60.00	Sunshine stock
E129	Collett 57' B Set Brake Composite (1926)	W50S, 15.00	W50K, 57.00	Bow ended
E147	Collett 57' B Set Brake Composite (1933)	W51S, 15.00	W51K, 54.00	Flat ended
E109	Collett 70' Corridor Composite, left hand (1923)	W52S, 18.00	W52AK, 72.00	Bow ended
E111	Collett 70' Corridor Composite, left hand (1923)	W52S, 15.00	W52BK, 69.00	Flat ended
E110	Collett 70' Corridor Composite, right hand (1923)	W53S, 15.00	W53AK, 72.00	Bow ended
E112	Collett 70' Corridor Composite, right hand (1923)	W53S, 15.00	W53BK, 69.00	Flat ended
G60/G61	Collett 60' Super Saloon Open First (1947)	W54S, 14.40	W54K, 72.00	As rebuilt with sliding window vents
H45/H46	Collett 60' Super Saloon with Kitchen (1947)	W55S, 12.00	W55K, 72.00	As rebuilt with sliding window vents
D95	Collett 57' Corridor Brake Third, left hand (1925)	W56S, 16.50	W56K, 66.00	
E127	Collett 57' Corridor Composite, right hand (1925)	W57S, 15.00	W57K, 66.00	
G62	Collett 61' VIP Saloon (1940)	W61S, 16.50	W61K, 72.00	12-wheeler
E149	Collett 60' Centenary Corridor Composite (1935)	W70S, 15.00	W70K, 72.00	
C69	Collett 60' Centenary Corridor Third (1935)	W71S, 13.50	W71K, 72.00	
D120	Collett 60' Centenary Corridor Brake Third, LH (1935)	W72S, 19.80	W72K, 75.00	RTR overlay difficult due to insets
D120	Collett 60' Centenary Corridor Brake Third, RH (1935)	W73S, 19.80	W73K, 75.00	RTR overlay difficult due to insets
E150	Collett 60' Centenary Corridor Brake Composite (1935)	W74S, 18.00	W74K, 75.00	RTR overlay difficult due to insets
H43	Collett 60' Centenary Restaurant First (1935)	W75S, 21.00	W75K, 82.50	RTR overlay difficult due to insets
H44	Collett 60' Centenary Restaurant Third (1935)	W76S, 16.50	W76K, 72.00	
A44	57' Auto Trailer (1955)	W80S, 21.00	W80K, 57.00	As rebuilt from D117; W80S includes ends

Diagram		Sides Pack, £	Complete Kit, £	
London & North Eastern Railway				
D332	Thompson 63' Corridor First (1946)	E1S, 10.50	E1K, 63.00	With square-cornered windows
D329	Thompson 63' Corridor Third (1945)	E2S, 14.10	E2K, 66.00	With square-cornered windows
D346	Thompson 63' Corridor Brake Third (1948)	E3S, 13.50	E3K, 66.00	4 compartment, square-cornered windows
D328	Thompson 59'6" Corridor Composite (1946)	E4S, 12.60	E4K, 66.00	
D345	Thompson 63' Corridor Brake Composite (1947)	E5S, 13.50	E5K, 66.00	
D344	Thompson 63' Full Brake (1947)	E6S, 10.50	E6K, 54.00	
D358	Thompson 31'10" Luggage Van (1950)	E7S, 13.50	E7K, 39.00	6-wheeler, E7S includes ends
D327	Thompson 61'6" Full Brake (1945)	E8S, 13.50	E8K, 54.00	Matchboard body
D339	Thompson 52'4" Non-gangwayed Third (1950)	E9S, 13.50	E9K, 51.00	
D340	Thompson 52'4" Non-gangwayed Brake Third (1949)	E10S, 10.50	E10K, 48.00	Round-cornered windows
D338	Thompson 52'4" Non-gangwayed Lavatory Comp. (1952)	E11S, 10.50	E11K, 51.00	Round cornered windows
D360	Thompson 52'4" Non-gangwayed Brake Composite (1951)	E12S, 12.90	E12K, 51.00	
D331	Thompson 63' Corridor Brake Third (1949)	E13S, 16.50	E13K, 63.00	3 compartment
D354	Thompson 63' Restaurant First (1949)	E14S, 12.00	E14K, 70.50	
D355	Thompson 63' Restaurant Pantry Third (1949)	E15S, 13.50	E15K, 70.50	
D329	Thompson 63' Corridor Third (1949)	E16S, 15.00	E16K, 66.00	With round-cornered windows
D330/350	Thompson 63' Open/Restaurant Third (1946)	E17S, TBA	E17K, TBA	
D332	Thompson 63' Corridor First (1949)	E18S, 10.50	E18K, 63.00	With round-cornered windows
D120	Gresley 31'10" Full Brake (1928)	E20S, 16.50	E20K, 39.00	4-wheeler, E20S includes ends
D198/260	Gresley 61'6" Full Brake (1935)	E21S, 13.50	E21K, 54.00	Steel panelled body
D14A/D13/D12A	Gresley Articulated Restaurant Triplet (1928)	E22S, 60.00	E22K, 168.00	Open Third, Kitchen Car and Open First
D186	Gresley 61'6" Open Third (1934)	E24S, 18.00	E24K, 69.00	
D114	Gresley 61'6" Corridor Brake Third (1929)	E25S, 18.00	E25K, 72.00	4 compartment
D155	Gresley 61'6" Corridor Third (1932)	E26S, 16.50	E26K, 69.00	
D40/40A/D174	Gresley 61'6" Corridor Brake Third (1924)	E27S, 15.00	E27K, 69.00	3 compartment
D6/D130	Gresley 61'6" Corridor Composite (1930)	E28S, 12.00	E28K, 63.00	
D31/134/175	Gresley 61'6" Corridor Brake Composite (1926/30/33)	E29S, 13.50	E29K, 66.00	6 compartment; kit ends too wide for D31
D196	Gresley 61'6" Open Brake Third (1935)	E30S, 18.00	E30K, 69.00	
D49/50	Gresley 51'1" Non-gangwayed Lavatory Comp. (1925)	E31S, 16.50	E31K, 60.00	
D64/65	Gresley 51'1" Non-gangwayed Brake Third (1926)	E32S, 10.50	E32K, 54.00	
D56/D57	Gresley 51'1" Non-gangwayed Third (1925)	E33S, 15.00	E33K, 57.00	
D67/129/284	Gresley 51'1" Non-gangwayed Full Brake (1926)	E34AS, 10.50	E34AK, 55.50	
D111/154/282	Gresley 52'6" Full Brake (1928)	E34BS, 10.50	E34BK, 55.50	
D37A	Gresley 61'6" Corridor Brake Third (1929)	E35S, 18.00	E35K, 69.00	5 compartment
British Railways Mk 1 – all kits except B22K will be supplied with B1/B2 bogies unless indicated below or requested otherwise				
D116	64'6" Corridor First (1951)	B1S, 15.00	B1K, 69.00	Kit supplied with B1 bogies
D116	64'6" Corridor First (1962)	B1S, 15.00	B1AK, 69.00	Kit supplied with Commonwealth bogies
D73	64'6" Open First (1954)	B2S, 15.00	B2K, 70.50	Kit supplied with B1 bogies
D73	64'6" Open First (1961)	B2S, 15.00	B2AK, 70.50	Kit supplied with Commonwealth bogies
D23	64'6" Unclassified Restaurant (1956)	B3S, 15.00	B3K, 66.00	
D161	64'6" Corridor Brake First (1960)	B4S, 15.00	B4K, 70.50	Kit supplied with B1 bogies
D161	64'6" Corridor Brake First (1961)	B4S, 15.00	B4AK, 70.50	Kit supplied with Commonwealth bogies
D146/D147/150	64'6" Corridor Third (1950)	B5S, 12.00	B5K, 69.00	Kit supplied with B1 bogies
D146/D147	64'6" Corridor Third (1961)	B5S, 12.00	B5AK, 69.00	Kit supplied with Commonwealth bogies
D181/D182	64'6" Corridor Brake Third (1950)	B6S, 15.00	B6K, 70.50	Kit supplied with B1 bogies
D181/D182	64'6" Corridor Brake Third (1962)	B6S, 15.00	B6AK, 70.50	Kit supplied with Commonwealth bogies
D183	64'6" Brake Open Third (1955)	B7S, 15.00	B7K, 70.50	Kit supplied with B1 bogies
D184	64'6" Brake Open Second (1964)	B7S, 15.00	B7AK, 70.50	Kit supplied with Commonwealth bogies
D126/D128	64'6" Corridor Composite (1953)	B8S, 15.00	B8K, 70.50	Kit supplied with B1 bogies
D126/D128	64'6" Corridor Composite (1961)	B8S, 15.00	B8AK, 70.50	Kit supplied with Commonwealth B1 bogies
D171/D172	64'6" Corridor Brake Composite (1954)	B9S, 15.00	B9K, 70.50	Kit supplied with B1 bogies
D171/D172	64'6" Corridor Brake Composite (1962)	B9S, 15.00	B9AK, 70.50	Kit supplied with Commonwealth B1 bogies
D711	58' Gangwayed Full Brake (1953)	B10S, 10.50	B10K, 57.00	
D326	57'1" Non-gangwayed Second (1954)	B11S, 15.00	B11K, 60.00	
D371	57'1" Non-gangwayed Brake Second (1954)	B12S, 15.00	B12K, 60.00	
D98	64'6" Open Second with Miniature Buffet (1960)	B13S, 13.50	B13K, 69.00	Kit supplied with B1 bogies
D99	64'6" Open Second with Miniature Buffet (1960)	B13S, 13.50	B13AK, 69.00	Kit supplied with Commonwealth bogies
D327/D329	63'5" Non-gangwayed Second (1954)	B14S, 15.00	B14K, 61.50	
D372	63'5" Non-gangwayed Brake Second (1955)	B15S, 15.00	B15K, 61.50	
D1/D5/D10	64'6" Sleeper First/Composite/Second (1957)	B16S, 16.50	B16K, 61.50	Kit supplied with B1 bogies
D1/D5/D10/D14	64'6" Sleeper First/Composite/Second/Convertible ('59)	B16S, 16.50	B16AK, 60.00	Kit supplied with Commonwealth bogies
D36	64'6" Restaurant First Open (1951)	B17AS, 15.00	B17AK, 72.00	
D700	64'6" Kitchen Car (1950)	B17BS, 16.50	B17BK, 66.00	
D56	64'6" Restaurant Third Open (1951)	B17CS, 15.00	B17CK, 72.00	
D71	64'6" First Open (1951)	B17AS, 15.00	B17DK, 72.00	
D92	64'6" Tourist Third Open (1951)	B17CS, 15.00	B17EK, 72.00	
D17	64'6" Restaurant First (1961)	B18S, 18.00	B18K, 75.00	Kit supplied with B1 bogies
D17 & D26/D28	64'6" Restaurant First (1961) & Restaurant Buffet (1969)	B18S, 18.00	B18AK, 75.00	Kit supplied with Commonwealth bogies
D24	64'6" Restaurant Buffet (1960)	B19S, 15.00	B19K, 72.00	B2 bogies
D24	64'6" Restaurant Buffet (1960)	B19S, 15.00	B19AK, 72.00	Commonwealth bogies
D25	64'6" Restaurant Kitchen Buffet (1960)	B20S, 18.60	B20K, 69.00	
D701/D702	64'6" Kitchen Car (1961)	B21S, 21.00	B21K, 69.00	
D182 rebuild	64'6" Bullion Van (1966)	B22S, 18.00	B22K, 76.50	Kit supplied with B5 bogies
D90	64'6" Open Second (1953)	B23S, 10.50	B23K, 69.00	Originally for SR boat train use
D313	57' Non-gangwayed Lavatory Composite (1954)	B24S, 10.50	B24K, 57.00	
D60	64'6" Restaurant Open Second (1960)	B25S, 12.00	B25K, 69.00	B1 bogies
D61	64'6" Restaurant Unclassed Open (1961)	B25S, 12.00	B25AK, 69.00	Commonwealth bogies
D89/D93/D94	64'6" Tourist Open Third (1953) & Open Third (1954)	B26S, 12.00	B26K, 69.00	Kit supplied with B1 bogies
D89	64'6" Open Second (1961)	B26S, 12.00	B26AK, 69.00	Kit supplied with Commonwealth bogies
Southern Railway Bulleid				
D2552	64'6" Corridor First (1949)	S1S, 16.50	S1K, 69.00	Deep window vents
D2019	64'6" Corridor Third (1948)	S2AS, 16.50	S2AK, 69.00	Deep window vents
D2017	64'6" Open Third (1950)	S2BS, 16.50	S2BK, 69.00	Deep window vents
D2122	64'6" Corridor Brake Third (1946)	S3S, 16.50	S3K, 69.00	
D2123	64'6" Semi-Open Brake Third (1949)	S4S, 15.00	S4K, 69.00	Deep window vents
D2317	64'6" Corridor Composite (1946)	S5S, 16.50	S5K, 70.50	
D2318	64'6" Corridor Composite (1948)	S6S, 15.00	S6K, 69.00	Deep window vents
D2406	64'6" Corridor Brake Composite (1948)	S7S, 16.50	S7K, 69.00	Shallow window vents
D2123	64'6" Semi-Open Brake Third (1946)	S8S, 15.00	S8K, 69.00	Shallow window vents
D2405	64'6" Corridor Brake Composite (1948)	S9S, 15.00	S9K, 69.00	Shallow window vents
D2318	64'6" Corridor Composite (1946)	S10S, 15.00	S10K, 69.00	Shallow window vents
D2663	64'6" Original Tavern Kitchen Car (1949)	S11AS, 16.50	S11AK, 66.00	

Diagram		Sides Pack, £	Complete Kit, £
D2664	64'6" Original Tavern Trailer Car (1949)	S11BS, 15.00	S11BK, 60.00
D2121	59' Corridor Brake Third (1945)	S12S, 15.00	S12K, 66.00
D2316	59' Corridor Composite (1945)	S13S, 15.00	S13K, 66.00
D2668	64'6" Rebuilt Tavern Kitchen Car (1959)	S14AS, 16.50	S14AK, 66.00
D2665	64'6" Rebuilt Tavern Trailer Car (1950)	S14BS, 15.00	S14BK, 70.50
D2125	64'6" BRCW Semi-Open Brake Third (1947)	S15S, 15.00	S15K, 69.00
D2124	64'6" BRCW Semi-Open Brake Third with Coupe (1948)	S16S, 15.00	S16K, 70.50
D2320	64'6" BRCW Corridor Composite (1947)	S17S, 15.00	S17K, 69.00

Type	Sides Pack, £	Complete Kit, £

1928 Metropolitan C&W Co Ltd Pullman Cars - **sides only to overlay 63'10" Hornby RTR Pullmans**

Parlour First	P1S, 16.50	
Parlour Third	P2S, 16.50	
Kitchen First	P3S, 16.50	
Parlour Brake Third	P4S, 16.50	
Kitchen Third	P5S, 16.50	

1960 British Railways Mk1 Pullman Cars – kits supplied with Commonwealth bogies

Parlour First	P10S, 16.50	P10K, 70.50
Parlour Second	P11S, 16.50	P11K, 70.50
Kitchen First	P12S, 18.00	P12K, 72.00
Kitchen Second	P13S, 18.00	P13K, 72.00
Bar Second	P14S, 22.50	P14K, 75.00

Code	Quantity	Price (£)	Item	Description
BCTCW	1	1.50	Building Coaches the Comet Way	Illustrated guide to assembling Comet coach kits and sides

RDEB carriage kits

This extensive range of LNER and constituent carriages is now being produced and marketed by Wizard Models. Those listed below are available now; other types will be added over the coming months. Only sides, ends, underframes and battery boxes are supplied, with in some cases fairly rudimentary instructions. They are considered unsuitable for inexperienced carriage builders.

East Coast Joint Stock

ECJSD002A	1	36.00	D2A corridor composite	
ECJSD002B	1	36.00	D2B corridor composite (with luggage compartment)	
ECJSD003A	1	36.00	D3A corridor composite	
ECJSD029A	1	36.00	D29A open third dining saloon	Part of the 1914 Flying Scotsman sets
ECJSD034	1	36.00	D34 corridor third	Identical to GN & NE joint stock D7
ECJSD049	1	36.00	D49 corridor brake third	1909 6-compartment carriage
ECJSD049A	1	36.00	D49A corridor brake third	1914 3-compartment rebuild of D49
ECJSD068	1	81.00	D68 twin sleeper first	
ECJSD075A	1	36.00	D75A open first dining saloon	Part of the 1914 Flying Scotsman sets
ECJSD080A	1	36.00	D80A kitchen car	Part of the 1914 Flying Scotsman sets

Great Northern Railway

GNQD	1	180.00	Quintuple dining set	
GNRD096	1	36.00	D96 corridor brake first (Sheffield Stock)	
GNRD097	1	36.00	D97 corridor brake first	
GNRD098	1	36.00	D98 corridor brake first	
GNRD164F	1	36.00	D164F corridor composite	
GNRD218CC	1	81.00	D218CC open brake third/corridor composite twin	
GNRD218DD	1	81.00	D218DD pantry brake first/corridor composite twin	
GNRD220	1	54.00	D220 semi-open third	
GNRD224	1	36.00	D224 open third (Sheffield Stock)	
GNRD248A/E	1	42.00	D248A/E open third	
GNRD256	1	36.00	D256 corridor brake third (Sheffield Stock)	
GNRD257	1	36.00	D257 corridor brake third	

Great Northern & North Eastern Railways Joint Stock

GNNED007	1	36.00	D7 corridor third	Identical to East Coast Joint Stock D34
GNNED009	1	36.00	D9 open third	
GNNED011	1	36.00	D11 open first	

London & North Eastern Railway

LNED009		36.00	D9 52'6" corridor composite	GE Section
LNED018/9	1	81.00	D18/19 sleeper twin first	
LNED023A28	1	36.00	D23A toilet third (1928 Flying Scotsman)	
LNED023A32	1	36.00	D23A toilet third (1932 Flying Scotsman)	
LNED068-71		126.00	Quadart sets 77-90 composite half	D68 end brake 2nd, D69 centre 2nd, D70 centre 1st/3rd composite, D71 end 1st/3rd composite
LNED068A-71A	1	126.00	Quadart sets 91-94 composite half	D72A end brake 3rd, D73 centre 3rd, D70 centre 1st/3rd composite, D71 end 1st/3rd composite
LNED072-75		126.00	Quadart sets 77-90 all third half	D72 end brake 3rd, D73 centre 3rd, D74 centre 3rd, D75 end 3rd
LNED072A-75A	1	126.00	Quadart sets 91-94 all third half	D72A end brake 3rd, D73 centre 3rd, D74 centre 3rd, D75 end 3rd
LNED078V	1	36.00	D78V buffet car	
LNED141	1	36.00	D141/141A 52'6" corridor third/second	GE Section; the two diagrams are externally identical
LNED146	1	36.00	D146 52'6" corridor brake third	GE Section
LNED154	1	36.00	D111/D154 52'6" corridor luggage brake	GE Section; D154 has guard's duckets, D111 has none. Requires D&S underframe
LNED168P	1	37.50	D168 tourist buffet (plywood panelled)	
LNED169S	1	45.00	D169 tourist brake third (steel panelled)	
LNED171S	1	90.00	D171 tourist twin third (steel panelled)	
LNED194/5	1	96.00	D194/5 Grimsby twin set	
LNED216	1	36.00	D216 open third	GE Section
LNED255	1	126.00	D255 restaurant triplet	For the 1938 Flying Scotsman, comprising open 1st, kitchen car, open 3rd
LNED255(57)	1	126.00	Ex-D255 restaurant triplet	Rebuild of the above for the 1957 Northumbrian -open bar 1st, kitchen car, open 3rd
LNED258	1	45.00	D258 buffet lounge (1938 Flying Scotsman)	
LNESJ38	1	360.00	Silver Jubilee set	8-carriage set for the 1938 version of this train

Carriage components

51L

CRC015	6	4.80	CR 8' carriage springs
CRC016	6	4.50	CR 6' carriage springs
CRC017	12	2.40	CR early pattern carriage gas lamps
CRC018	12	2.40	CR 10" carriage gas lamps
CRC019	12	2.40	CR carriage lavatory gas lamps
CRC020	12	2.40	CR carriage ventilators
GCRC009	4	4.80	GCR carriage dynamo

Code	Quantity	Price (£)	Item	Description
GCRC010	4	6.00	GCR buffers, elliptical sprung heads	
GCRC011	2	4.20	GCR vacuum cylinders & reservoirs	Used on 56' & 60' underframe carriages
GCRC012	2	5.10	GCR Westinghouse cylinders, reservoirs & cranks	Used on 60' underframe carriages
GCRC013	2 sets	5.10	GCR carriage end interlocking fenders	Fitted to matchboard carriages with armoured ends; enough for 2 carriages
GCRC014	12	2.70	GCR carriage lavatory tank fillers	
GCRC015	12	3.30	GCR carriage lavatory roof vents	
GNRC001	2	4.50	GNR/ECJS post-1905 twin battery boxes	In etched brass – much lighter than castings for long trains
GNRC003	8	15.00	GNR/ECJS 3rd class compartments	Etched brass corridor wall, doors and partitions for 8 6'3" wide 3rd class compartments
GNRC004	7	15.00	GNR/ECJS 1st class compartments	Etched brass corridor wall, doors and partitions for 7 7'2" wide 1st class compartments
GNRC005	1	12.00	GNR/ECJS 57' underframe	For most pre-Grouping Gresley carriages with 58'6" bodies
GNRC006	1	12.00	GNR/ECJS 60' underframe	For 61'6" bodies in the later GNR/ECJS and early LNER periods
GNRC007	2	15.00	GNR/ECJS 8'6" wide gangwayed ends	Includes 3 different end window versions and gangways
GNRC008	2	7.50	GNR/ECJS/LNER 9'0" wide gangwayed ends	
GNRC009	2	12.00	GNR/ECJS recessed vestibule ends	Includes windowed and plain ended versions
GNRC010	1	10.50	GNR 55' underframe	For various diagrams of BGs with 56'6" bodies
GWRC005	12	3.60	GWR oil axleboxes & springs with J hangers	Springs are 4'6" long
GWRC040	12	1.80	GWR carriage vents	
LMSC045	2	2.70	LMS vacuum cylinder plate	Includes correctly positioned and profiled vees with indicated vacuum cylinder position
LMSC047	2	1.50	LMS vacuum cylinders	Standard design for LMS carriages; use with LMSC045 etched floor plates
LMSC048	2	3.30	LMS dynamos	Standard design for LMS carriages
LMSC049	2	6.00	LMS small battery box	For 4 and 6-wheeled vehicles such as horseboxes and the Stove R
LNEC001	1	6.00	LNER Gresley 61'6" carriage roof	Plastic moulding to the Isinglass drawings
LNEC003	2	5.40	LNER post-1927 twin battery boxes	In etched brass – much lighter than castings for long trains
LNEC005	2	4.50	LNER Stones pressure ventilation unit	An early form of air conditioning used on prestige trains
LNEC006	24	4.50	LNER/GN/ECJS buffer shank bases	Etched bases for use with turned brass shanks; 12 each of the GN/ECJS and LNER designs
LNEC007	2 sets	3.90	LNER lighting jumpers/alarm tell-tales	Sufficient parts for 2 gangwayed or 2 non-gangwayed carriages; in etched brass
LNEC009	20	3.00	LNER/GN/ECJS door droplights	Etched brass droplights
LNEC010	10	6.00	LNER compartment partitions	Etched brass partitions for 9'3" wide corridor carriages
LNEC011	8	15.00	LNER 3rd class compartments	Etched brass corridor wall, doors and partitions for 8 6'2" wide 3rd class compartments
LNEC012	8	15.00	LNER 1st class compartments	Etched brass corridor wall, doors and partitions for 7 7'3" wide 1st class compartments
LNEC013	1	15.00	LNER 65' underframe	For various diagrams of sleeping and buffet cars with 66'6" bodies
LNWC004	4	1.50	LNWR axleboxes with long springs	Suitable for inside W-irons
LNWC005	8	3.00	LNWR axleboxes	Axleboxes as in LNWC004
LNWC006	12	3.00	LNWR cranked upright vacuum pipes	Cranked to the left when looking at the carriage end; also suitable for other companies
LNWC007	12	3.00	LNWR drop vacuum pipes	
LNWC021	4	6.60	LNWR buffers, 13" sprung heads	Brass housings and steel heads for non-passenger coaching stock such as horse boxes
LNWC022	4	6.60	LNWR buffers, 16" sprung heads	As above, with 16" heads for passenger carriages
LNWC022A	16	2.40	LNWR buffers, 16" heads	Solid whitemetal version of above
LNWC025	4	5.40	LNWR Spencer buffers, 16" sprung heads	Require drilling out
LNWC025A	16	4.20	LNWR Spencer 16" buffers	Solid whitemetal version of above
LNWC025B	4	4.20	LNWR Spencer 16" buffers	Unsprung version of above, with blackened steel heads
LNWC026	4	5.10	LNWR Spencer 12" buffers	With blackened steel heads
LNWC040	2	1.80	LNWR vacuum cylinder plate	With correctly positioned and profiled vees with indicated vacuum cylinder position
LNWC041	20	1.50	LNWR spherical vents	Standard vent from 1916
LNWC042	20	3.00	LNWR torpedo vents	Type fitted between 1908 and 1916
LNWC043	8	1.20	LNWR water tank fillers	
LNWC044	4	1.20	LNWR roof duckboards	
LNWC045	4	1.20	LNWR brake compartment side lamps	
LNWC046	4	2.70	LNWR carriage roof lights	
LNWC047	1	3.00	LNWR cove roof	Aluminium extrusion, 230mm long
LNWC054	2	3.00	LNWR Westinghouse cylinders & reservoirs	Contains two cylinders and two reservoirs
LNWC055	4	2.40	LNWR regulator boxes	For the Wolverton lighting system, standard on the LNWR from 1913; also adopted by the LMS
LNWC057	2	2.70	LNWR gas tanks	For non-passenger coaching stock
LNWC058	2	1.50	LNWR king posts, short	For 50' and 52'6" carriages
LNWC059	2	1.50	LNWR king posts, long	Used on 54' and 57' carriages
LNWC060	2	9.00	LNWR 1911 shallow frame 9' bogie parts	These packs contain 4 bogie sideframes and 4 end plates; centre stretchers are not included
LNWC061	2	9.00	LNWR 1905 deep frame 9' bogie parts	
LNWC062	2	9.00	LNWR 1903 deep frame 8' bogie parts	
LNWC063	48	2.70	LNWR carriage door commode handles	Use in conjunction with etched or turned tee handles
LYRC025	4	7.80	LYR sprung buffers (also suitable for MR)	Contains brass shanks, springs, steel buffer heads and etched n/s semi-elliptical head plates
LYRC040	20	2.40	LYR torpedo vents	
LYRC041	20	5.10	LYR gas lamps - large	
LYRC042	20	5.10	LYR gas lamps – small	
LYRC043	2	3.00	LYR gangway connections	Simple whitemetal castings; probably suitable for other pre-Grouping companies
LYRC044	2	10.50	LYR earlier 8' carriage bogies	With conventional external springs
LYRC045	2	12.00	LYR later 8' carriage bogies	With internal springs
LYRC054	2	3.30	LYR double acting vacuum cylinders	Includes links
LYRC055	2	5.40	LYR gas cylinders	
MRC001	2	2.10	MR Westinghouse cylinder & reservoir	Fitted to carriages required to work over other companies' lines, particularly the NER and CR
MRC007	12	4.50	MR oil axleboxes with 7' spring	Short J hanger; for 6-wheel carriages and non-passenger coaching stock
MRC007A	12	1.50	MR short J hangers	
MRC008	12	4.50	MR oil axleboxes with 7' spring	Long J hanger; for 6 wheel carriages
MRC008A	12	2.10	MR long J hangers	
MRC009	12	7.50	MR oil axleboxes with 7' spring	Spring & axlebox for 6-wheel carriages
MRC041	20	3.60	MR gas lamps	Suitable for Clayton carriages and NPCS
MRC042	10	2.10	MR oil lamps and rests	Suitable for Clayton carriages; contains 10 lamps and 10 rests
MRC043	20	2.10	MR torpedo vents	Suitable for Clayton carriages
MRC044	20	5.10	MR gas lamps	For clerestory carriages
MRC045	4	6.90	MR buffers, 13" sprung heads	For Clayton 4 and 6-wheel stock
MRC045A	4	6.90	MR buffers, 16" sprung heads	For Clayton bogie Stock
MRC054	2	4.20	MR gas tanks	For 25' NPCCS vehicles
MRC055	2	5.10	MR gas tanks	For Clayton 6-wheel and bogie stock
MRC056	2	5.70	MR gas tanks	For Bain 54' bogie stock
MRC057	8	3.60	MR Clayton bogie bolster leaf springs	Transverse springs mounted in the bogie frame
MRC058	8	5.40	MR Clayton bogie axleboxes & springs	
MRC059	4	2.70	MR guard's lookout duckets	For Bain bogie stock
MRC060	12	2.40	MR Clayton vacuum pipes	Also suitable for other companies' stock where the pipe tail enters above the headstock
MRC061	6	3.60	MR Bain brake & steam pipes	6 each of vacuum, Westinghouse & steam pipes; suitable for other companies' gangwayed stock
NERC052	2	1.80	Westinghouse cylinders, reservoirs and levers	Used on the NER and other Westinghouse lines
NERC053	2	2.40	NER vacuum cylinders, reservoirs and levers	Two of each component

Code	Quantity	Price (£)	Item	Description
NSRC001	12	1.20	NSR carriage axleboxes	Suitable for carriages and wagons fitted with outside W-irons
NSRC004	12	2.70	NSR 4-wheel carriage 7' springs	
NSRC023	4	4.20	NSR four bolt carriage buffers	With blackened steel heads
NSRC023A	16	4.20	NSR four bolt carriage buffers	Wholly whitemetal version of above
UC013	3	2.10	Dynamos	LNWR design
UC014	8	2.10	Clasp brake shoes	For 3'6" (14mm) wheels
UC041	2	6.60	Single scissors gangway	LNWR design in etched brass
UC041A	2	6.00	British Standard carriage gangways	As used by the MR, LMS, GWR and BR DMUs. Wil compress and expand on curves
UC042	20	4.50	Universal dome ventilators	For many carriage types
UC043	20	2.70	Universal shell ventilators	
UC045	792mm	6.00	Carriage seating	Plastic moulding, 6 x 132mm; sufficient for at least 9 compartments/bays
UC046	16	6.90	Door handles, T shaped	Machined from solid brass, ideal to complete that carriage
Bill Bedford				
BWF003/4	12	9.00	RCH NPCS W-irons with springing	Uses piano wire as the spring (0.011" supplied); requires waisted bearings
BWF517/4	6	9.00	MR 6-wheel W-irons	As above; sufficient for one vehicle

Comet Underframes - Etched in 0.018" brass. Include truss rods, floor pan, solebars and V hangers. The design ensures a rigid structure to which the body is bolted.

UM1	1	13.50	LMS 62', 65', 68', 69'	
UM2	1	13.50	LMS 57', 60'	
UM3	1	11.10	LMS 50'	
UM4	1 set	27.00	LMS articulated stock	
UM5	1	8.40	LMS 31'	For Stove R
UW1	1	13.50	GWR 70'	
UW2	1	14.10	GWR 60', 61', 64'	
UW3	1	12.00	GWR 57', 60'	
UW4	1	15.00	GWR 60'	For Centenary Stock and Super Saloons
UE1	1	13.50	LNER 61'6"	
UE2	1	14.10	LNER 59'6"	
UE3	1	9.60	LNER 51', 52'4"	
UE4	1 set	30.00	LNER Triplet Diner	
UE5	1	8.40	LNER 4 and 6-wheelers	
UB1	1	15.00	BR Mk1 64'6"	
UB2	1	15.00	BR Mk1 57'	
US1	1	14.10	SR Bulleid 64'6"	
US2	1	10.50	SR 59'	

Comet Underframe Casting Sets

UCM1	1	5.10	LMS	Dynamo, 2 vacuum cylinders and levers, battery box, regulator
UCW1	1	5.40	GWR	Dynamo, 2 vacuum cylinders and levers, 2 battery boxes
UCE1	1	7.50	LNER	Dynamo, 2 vacuum cylinders and levers, 2 battery boxes, 2 vacuum reserve cylinders
UCB1	1	7.20	BR	Dynamo, 2 vacuum cylinders and levers, 2 battery boxes, regulator and other small parts
UCS1	1	6.90	SR Standard	Dynamo, 2 vacuum cylinders and levers, 2 battery boxes, 2 vacuum reserve cylinders
UCS2	1	6.90	SR Prestall	Dynamo, 2 battery boxes, Prestall vacuum and reserve cylinders

Comet Coach Ends - Flat ends are etched in 0.012" or 0.018" brass. Coaches with curved roof ends have an etched false end with a whitemetal casting to portray the curvature and surface detail of the prototype. No gangway connections are included – see next section.

EM1	2	5.40	LMS Matchboard	2 plain ends
EM2	2	5.40	LMS Matchboard brake	1 plain, 1 windowed brake end
EM3	2	5.40	LMS Steel	2 plain ends
EM4	2	5.40	LMS Steel brake	1 plain, 1 windowed brake end
EM5	1	3.00	LMS Driving Trailer windowed end	
EW1	2	9.60	GWR bow ended gangwayed	
EW2	2	5.40	GWR flat ended gangwayed	
EW3	2	12.00	GWR Hawksworth	
EW4	2	9.60	GWR bow ended non-gangwayed	
EW5	2	4.20	GWR flat ended non-gangwayed	
EW7	2	4.20	GWR flat ended non-gangwayed brake	
EW8	2	9.30	GWR Centenary Stock CK and RTO	
EW9	2	11.10	GWR Centenary Stock BTK	
EW10	2	11.10	GWR Centenary Stock RF	
EW11	2	11.10	GWR Centenary Stock TK and BCK	
EW12	1+1	7.50	GWR bow and flat ended gangwayed	For Collett 70' stock – one of each type of end
EE1	2	9.00	LNER Gresley gangwayed	
EE2	2	8.40	LNER Gresley gangwayed brake	
EE3	2	4.50	LNER Gresley non-gangwayed	
EE4	2	10.50	LNER Thompson gangwayed	
EE5	2	4.20	BR(E) Thompson non-gangwayed	
EE6	2	4.20	BR(E) Thompson non-gangwayed brake	
EE7	2	4.80	LNER Thompson Matchboard full brake	
EE8	2	5.70	LNER Gresley non-gangwayed brake	
EB1	2	10.80	BR Mk1 gangwayed	
EB2	2	5.40	BR Mk1 non-gangwayed	
EB3	2	10.50	BR Mk1 Pullman	
ES1	2	11.10	SR Bulleid - steps both ends	
ES2	2	9.60	SR Bulleid - steps one end	

Comet Coach End Castings - Packs include 4 buffers, 4 lighting jumper cables and 2 gangways where appropriate. BR, LNER and SR gangways have etched end plates.

ECM1	1 set	7.80	LMS round buffers, scissors gangway
ECM2	1 set	7.80	LMS round buffers, suspended gangway
ECM3	1 set	7.80	LMS oval buffers, scissors gangway
ECM4	1 set	7.80	LMS oval buffers, suspended gangway
ECM5	1 set	2.70	LMS round buffers, non-gangwayed
ECW1	1 set	7.80	GWR round buffers, scissors gangway
ECW2	1 set	7.80	GWR round buffers, suspended gangway
ECW3	1 set	2.40	GWR round buffers, non-gangwayed
ECE1	1 set	6.90	LNER clipped buffers, Pullman gangway
ECE2	1 set	2.70	LNER round buffers, non-gangwayed
ECB1	1 set	6.90	BR Mk1 retracted oval buffers, BR gangway
ECB2	1 set	2.70	BR Mk1 extended oval buffers, non-gangwayed

Code	Quantity	Price (£)	Item	Description
ECS1	1 set	6.60	SR oval buffers, Pullman gangway	

Comet Coach Bogies - Etched centre stretcher gives accurate location of shouldered pinpoint bearings to ensure free running. Detailed whitemetal castings for the visible cosmetic sideframes, bolsters and steps. Standard hook and bar or Sprat & Winkle couplings can be added. The design allows for springing if desired using extra parts in packs C57/58 below. The castings and etchings are available separately, as shown.

Type	Bogies, pair, £	Castings only, £	Etch only, £	
LMS 6-wheel	BM1, 21.00	BM1C, 15.00	BM1E, 6.00	
LMS 9' riveted	BM2, 12.00	BM2C, 7.50	BM2E, 4.50	
LMS 9' welded	BM3, 12.00	BM3C, 7.50	BM3E, 4.50	
MR 8' riveted	BM4, 9.00	BM4C, 4.50	BM4E, 4.50	Bogie stepboards are not included
GWR 6-wheel	BW1, 15.00	BW1C, 9.00	BW1E, 6.00	
GWR 7' plate	BW2, 10.50	BW2C, 6.00	BW2E, 4.50	
GWR 9' plate	BW3, 10.50	BW3C, 6.00	BW3E, 4.50	
GWR 9' pressed steel	BW4, 9.60	BW4C, 5.10	BW4E, 4.50	
GWR 9' Centenary stock	BW5, 15.00	BW5C, 10.50	BW5E, 4.50	
LNER Gresley 8'6" standard duty	BE1, 9.00	BE1C, 4.50	BE1E, 4.50	
LNER Gresley 8'6" heavy duty	BE3, 10.50	BE3C, 6.00	BE3E, 4.50	For dining cars etc
BR B1	BB1, 9.90	BB1C, 5.40	BB1E, 4.50	BB1R, 6.00 Replacement inner frames for RTR bogies
BR Commonwealth	BB2, 10.50	BB2C, 6.00	BB2E, 4.50	
SR 8' steam stock	BS1, 9.90	BS1C, 5.40	BS1E, 4.50	

Code	Quantity	Price (£)	Item	Description
Comet Roof Castings				
RC1	26	3.00	Torpedo vent	24 vents, 2 toilet fillers
RC2	28	4.20	LMS/BR shell vents	24 vents, 4 toilet fillers
RC3	28	3.00	Ridged dome vents	24 vents, 4 toilet fillers
RC4	12	3.00	Catering car	4 round fan cowls, 8 oval flue covers
RC5	26	3.00	GWR shell vents	24 vents, 2 toilet fillers
RC6	10	4.50	SR mushroom lavatory vents	
RC7	16	3.90	BR catering car	4 large and 2 small fan cowls, 4 large and 4 small monsoon vents, 2 toilet fillers
RC8	24	3.00	Monsoon vents	6 medium, 18 small

Comet Coach Interior Kits - Includes etches for corridor doors or for open coach seat ends and tables, plasticard for floor and partitions, seat mouldings, glazing and wire corridor handrail.

INT1	1	8.40	General purpose corridor	For up to 8 compartments
INT1A	1	9.90	General purpose corridor	For up to 10 compartments – GWR 70' stock
INT2	1	9.00	LMS Period II & III corridor	For up to 8 compartments
INT3	1	9.00	Open coach	For plain seat ends
INT4	1	9.00	Open coach	For winged seat ends
INT5	1	6.00	Non-corridor coach	For up to 10 compartments
Comet Coach Components				
C1	2 sets	3.60	V-hangers/trusses for Dapol LMS coaches	
C2	4 sets	3.60	V-hangers	LMS pattern
C3	16	3.60	Seat ends for open coaches	Plain ends
C4	16	3.60	Seat ends for open coaches	Winged ends
C5	8	5.10	Corridor partition double sliding doors	For LMS Period II & III corridor coaches
C6	96	3.00	Etched 'T' pattern door handles	
C7	6	7.80	W-irons for 14mm wheels	Sufficient for 2 6-wheelers or 3 4-wheelers
C7A	3	5.70	W-irons & brake shoes for 14mm wheels	Sufficient for one 6-wheel or 4-wheel vehicle
C8	62	3.60	GWR early grab handles	50 passenger door handles and 6 each of the guard's door "C" & "L" shaped handles
C9	10	6.30	Corridor partition single doors and quarter lights	
C10	1	4.80	Aluminium coach roof	285mm long
C10A	1	4.20	Gresley LNER 52'6" roof	Plastic moulding for short gangwayed carriages
C10B	1	6.00	Gresley LNER 61'6" roof	Plastic moulding for standard gangwayed carriages
C10C	2	3.90	Gresley GNR/LNER domed carriage roof ends	With C10, enables any length of gangwayed carriage end to be modelled
C11	8 sets	3.60	V hangers	For GWR, LNER, SR, BR; enough for 4 bogie carriages
C14	32	3.30	Clasp brake shoes for C7	Sufficient for 8 coaches, or 4 if laminated to give scale thickness
C15	10	3.90	Guard's lookout duckets	
C16	10	2.70	BR roof periscopes	
C17	6	7.50	Axlebox springs & J hangers for C7	
C18	3	5.40	LMS catering car gas cylinders	
C19	3	6.00	GWR catering car gas cylinders	
C20	25m	3.30	Carriage roof tape	0.5mm wide
C21	20	3.00	Gas lamp tops	
C22	16	5.40	Tables for open coaches	
C23	10	2.70	SR roof periscopes	
C24	4	3.30	Pullman gangway end plates	Sufficient for 2 coaches
C25	4	3.60	BR gangway end plates	Sufficient for 2 coaches
C26	1	4.80	Coach super-detailing fret	Includes hinges, gangway brackets & end door, alarm gear, solebar steps
C31	2	6.00	LNER turnbuckle underframe trusses	For one 61'6" and one 51' Gresley coach underframe; includes queen posts
C32	8	2.70	Lighting control jumper cables	
C33	4	4.50	Standard coach dynamo	
C34	4	3.90	SR coach dynamo	
C35	4	3.90	Vacuum cylinder & operating arm	Sufficient for 2 coaches
C36	4	3.00	LMS/BR regulator box	
C37	12	5.10	LMS round buffers	
C38	12	3.60	GWR round buffers	With square shanks
C39	12	5.70	LNER clipped buffers	6 left hand and 6 right hand
C40	12	5.10	SR/Pullman oval buffers	
C41	12	5.10	BR Mk1 retracted buffers	For gangwayed stock
C42	12	5.10	BR Mk1 extended buffers	For non-gangwayed stock
C43	3	3.90	LMS large battery box	
C44	4	5.10	GWR battery boxes	
C45	4	5.10	LNER battery boxes	
C46	4	5.10	SR battery boxes	
C47	4	5.10	BR battery boxes	
C48	4	3.90	LNER vacuum reserve cylinders	
C49	4	3.00	SR vacuum reserve cylinders	
C50	2 sets	3.00	BR Mk1 underframe detail parts	
C51	8	2.40	Clasp brake yokes	
C54	12	5.40	LMS oval buffers	
C55	2	3.90	SR 2' diameter vacuum reservoirs	

Code	Quantity	Price (£)	Item	Description
C56	1	2.70	SR Prestall vacuum brake cylinder	
C57	1	5.70	4-wheel coach bogie springing pack	Sufficient for 1 coach
C58	5	27.00	4-wheel coach bogie springing pack	Sufficient for 5 coaches
C59	2	3.30	Threaded coach bogie rubbing plates	With screws and nuts; sufficient for 1 coach
C60	10	4.50	Coach bogie springs	As used in C57and C58 above
C61	20	7.50	Thompson LNER window frames	Reinforcing frames fitted to most diagrams with square-cornered windows
C62	16	6.90	LMS/early Pullman table lamps	Turned brass lamps for dining car tables
C63	8 sets	4.20	Large V hangers	Enough for 4 bogie carriages
C64	1	1.80	GWR carriage gong	Brass casting; used on autocoaches and slip carriages
C65	18	4.50	LMS Period III BG security grilles	Fitted behind the door and window glazing
C66	40	4.20	LMS Period I door vents	Fitted at the top of each door
C67	40	4.20	LMS Periods II & III door vents	Fitted at the top of each door
Mainly Trains				
MT118	4 sets	4.20	GWR 4' springs & axleboxes	For the brown vehicles
MT119	4 sets	4.80	GWR 6' springs & axleboxes	For 4-wheeled carriages
MT126	12	5.40	GER carriage lamps	
MT220	1	30.00	GWR 19' w.b. 4-wheel carriage underframe	For Ratio and Shire Scenes bodies
MT221	1	8.40	GWR 4-wheel carriage running gear (3'7" dia)	For Ratio 4-wheel carriages and various brown vehicles
MT335	2	2.10	GWR 4-wheel carriage vacuum pipes	Brass castings
MT340	2	3.00	GWR 4-wheel carriage gas cylinders	
MT360	1	6.00	GWR 4-wheel carriage ends & details	Includes V-hangers, brake shoes, door handles etc
MT362	2	2.40	Carriage brake cylinders	25" diameter type
MT378	12	5.10	GWR 4-wheel carriage buffers	Round head and round shank

Part E) Wagon Kits and Components

2mm Scale

Smiths

NT1	10	6.30	GWR/SR wagon tarpaulins	Ten assorted tarpaulins
NT2	10	6.30	LMS/LNER wagon tarpaulins	Ten assorted tarpaulins
NT3	10	6.30	BR wagon tarpaulins	Ten assorted tarpaulins
NT4	10	6.30	Pre-Grouping wagon tarpaulins	Ten assorted tarpaulins

4mm Scale

51L wagon kits

British Railways & modern Private Owners

ABWPCA	1	31.50	PCA 51t pressure discharge powder wagon	Design code PO017a, b, c; built in France 1980-1985, for cement traffic throughout the UK
ABWPOA	1	27.60	POA 51t scrap wagon	Design code PO018a, known as 'Blackadders'; used on scrap flows to Allied Steel & Wire
BRD1/163	1	25.50	BR ironstone wagon to D1/163	Unfitted version; resin body with sprung etched brass suspension and white metal details
BRD1/166	1	27.60	BR ironstone wagon to D1/166	Retro-fitted version of D1/163; also does D1/168 with replacement buffers and axleboxes
Caledonian Railway				
CRD015	1	24.00	Diagram 15 8/10T 4 plank dropside open	Common open wagon, first built around 1900
CRD016E	1	21.00	Diagram 16 8/10T pig iron wagon	Earlier style with standard buffers and axleboxes
CRD016L	1	22.50	Diagram 16 14T pig iron wagon	Later variant with self-contained buffers and Iracier axleboxes
CRD024	1	25.80	Diagram 24 8/10T 4-plank open	With centre door; built from the early 1900s
CRD067	1	36.00	Diagram 67 10 ton outside framed van	1910 unfitted design
CRD109	1	33.00	Diagram 109 16 ton twin wagon set	Contains a pair of permanently coupled wagons, used for timber, girders, rails or tubes
CRD114	1	25.50	Diagram 114 16 ton boiler tube wagon	Around 100 built for the transport of tubes and other ferrous materials
Cambrian Railways				
CMRDLSG	1	15.60	Low sided goods wagon with drop doors	Several hundred built; often used for slate traffic
Furness Railway				
FRD012	1	15.00	Diagram 12 10T open	30 built in 1880
Glasgow & South Western Railway				
GSWD010	1	18.00	10T high-sided goods wagon	Introduced in the late 1890s
GSWD028	1	30.00	Diagram 28 10T goods van	A high capacity van typical of the later GSW fleet
GSWMWF	1	24.00	16T mineral wagon, flitch solebar	Wooden solebar version of a very common GSW wagon; fitted with end door
GSWMWS	1	25.50	16T mineral wagon, steel underframe	Steel solebar version of the above
Great Central Railway				
GCRD006A	1	22.50	Diagram 6A 12T 3-plank dropside	Around 1500 built, lasted to early BR days
GCRD019	1	24.00	Diagram 19 10T 5-plank mineral/open	Also used for loco coal
GCRD020	1	18.00	Diagram 20 10T 5-plank end door mineral	
GCRD021	1	24.00	Diagram 21 10T 5-plank loco coal wagon	
GCRD076	1	21.00	Diagram 76 gunpowder wagon	Built at Gorton works in 1902; all steel riveted construction
Highland Railway				
HRD036	1	36.00	Diagram 36 twin timber wagon set	Contains a pair of wagons, but not permanently coupled
Hull & Barnsley Railway				
HBRD013	1	30.00	Diagram 13 10T van	The H&BR's original van design, dating from the line's opening in 1885
HBRD015	1	30.00	Diagram 15 10T ventilated van	The H&BR's first design of ventilated van
Lancashire & Yorkshire Railway				
LYRD036	1	33.00	Diagram 36 twin wagon set	Contains a pair of permanently coupled wagons; interesting lop-sided design
LYRD069	1	33.00	Diagram 69 20T Goole coal wagon	Steel underframe version
Midland Railway				
MRD336	1	19.50	D336 long low wagon	Built from the 1890s on; used for a variety of traffic, e.g road vehicles and farm machinery
MRD351	1	16.50	D351 8T open	9,000 built; used mainly for coal traffic, but occasionally for general merchandise
MRD379	1	33.00	D379 4T meat van	For passenger and express freight services
North British Railway				
NBRD001	1	18.00	Diagram 1 8T Jubilee mineral wagon	Standard NBR mineral wagon of the late Victorian period
NBRD043E	1	27.00	Diagram 43 10T tube wagon	Earlier grease axlebox version
NBRD043L	1	27.00	Diagram 43 10T tube wagon	Later oil axlebox version

Code	Quantity	Price (£)	Item	Description
NBRD055	1	13.50	Diagram 55 8/10T 4-plank open	With centre door
NBRD059	1	27.00	Diagram 59 10T covered goods wagon (van)	Sliding door design; includes a choice of axleboxes and brake gear
NBRD059F	1	30.00	Diagram 59 10T covered goods wagon (van)	Fitted version of above
NBRD067	1	24.60	Diagram 67 cattle wagon	With steel underframe
NBRD082	1	13.50	Diagram 82 14T pig iron wagon	Also used for other traffics, e.g. wool from Glasgow Docks to Bradford
NBRD090	1	18.00	Diagram 90 8T 4-plank dropside wagon	Built in substantial numbers between 1904 and 1914
NBRD091	1	33.00	Diagram 91 10T twin bar wagon	Contains a pair of wagons, permanently coupled
NBRD097	1	18.00	Diagram 97 16T mineral wagon	Grease axlebox version
NBRD097A	1	18.00	Diagram 97 16T mineral wagon	Early oil axlebox version
NBRD097B	1	18.00	Diagram 97 18T mineral wagon	Uprated version with later oil axleboxes and Spencer buffers
NBRD109	1	18.00	Diagram 109 10T 6-plank centre door open	Several hundred wagons built
NBRD119	1	18.60	Diagram 119 12T loco coal wagon	The NBR was one of the few companies to build a special fleet for this traffic
North Eastern Railway				
NERDB012	1	25.50	Diagram B12 12T plate wagon	Over 1,300 built from 1911 onwards
NERDB015	1	22.50	Diagram B15 12T 2-plank open	300 built from 1920 onwards
NERDC001	1	27.00	Diagram C1 5T open fish truck	Built from 1896 to 1903, with distinctive slatted sides; often seen in passenger trains
NERDC002E	1	25.50	Diagram C2 8T 4-plank open (no.6 axlebox)	The mainstay of the NER merchandise fleet until the introduction of the C9 and C10 in 1908
NERDC002L	1	24.00	Diagram C2 10T 4-plank open (2A axlebox)	Later uprated version of above
NERDC003	1	27.00	Diagram C3 8T 4-plank open	Fitted with expanded metal frames – 1904 conversion of C2 wagons
NERDC010	1	19.50	Diagram C10 12T 6-plank open	Introduced in 1908 as a replacement for diagram C2; over 22,600 built
NERDD001a	1	31.50	Diagram D1 8/10T single wagon set	Contains a pair of wagons; the standard NER single bolster wagon
NERDD002a	1	39.00	Diagram D2 8/10T single wagon set	Contains a pair of wagons; similar to D1, but with the patent swivelling bolster
NERDD004	1	30.00	Diagram D4 twin wagon set	Contains a pair of wagons; superseded by the larger D5
NERDF006	1	31.50	Diagram F6 10T fish van	Built to replace the C1 open fish truck
NERDF009	1	31.50	Diagram F9 perishables van	245 built from 1909; some converted to refrigerator, insulated and fish vans
NERDG001	1	27.00	Diagram G1 8T outside framed van	Dating back to 1886, and produced in large numbers
NERDG002	1	22.50	Diagram G2A 12T roof door van	Built by both the North Eastern & LNER, in the thousands
NERDK001	1	24.00	Diagram K1 8T cattle wagon	Standard NER cattle wagon – with No. 2A grease axleboxes
NERDK001A	1	28.50	Diagram K1 10T cattle wagon	As above, with No. 2 oil axleboxes
NERDK001B	1	28.50	Diagram K1 10T cattle wagon	Fitted version of NERDK001A
NERDP005	1	24.60	Diagram P5 11T hopper wagon	Built with minor changes for around 40 years; also used by private owners and the NCB
North Staffordshire Railway				
NSRD009	1	25.50	Diagram 9 10T covered goods wagon	1911 design with either side brake gear and oil axle boxes
NSRD014	1	22.50	Diagram 14 12T open goods wagon	With oil axleboxes and either-side brakes
NSRD018	1	25.50	Diagram 18 silk wagon	6 fitted vans built in 1911 for the express transport of silk
NSRD020	1	33.00	Diagram 20 20T goods break (brake) van	From 1911 onwards, retaining earlier features such as outside brake handle, verandas etc.
Private Owners				
POW3BOX	1	24.00	Ince Wagon & Ironworks 3-box coal wagon	Built for moving bunker coal from NW collieries to ports such as Liverpool and Fleetwood

Wagon components

51L

ABW	8	1.20	Wagon stanchions and shackles	Etched nickel silver detailing kit for a wide range of single, twin and bogie bolster wagons
ABWC001	2 sets	2.40	Air distributor and reservoir	For modern air braked stock
ABWC002	10	3.00	Hand brake wheels, 5mm diameter	For modern air braked stock
ABWC003	4	1.80	Tank manhole covers, large, 8 mm diameter	For modern air braked railway or road tankers
ABWC004	4	1.20	Tank manhole covers, small, 6mm diameter	As above
ABWC005	4	3.00	Tank manhole covers, small, 6mm diameter	As above, but with long bracket
ABWC006	4	4.20	Gloucester pedestal suspension units	Includes overload indicator
ABWC008	4	4.20	English Steel pedestal suspension units	
ABWC009	8	1.50	Clasp brake shoes for air-braked stock	Suitable for 14mm wagon wheels; use with Bill Bedford wagon suspension systems
ABWC010	8	2.10	Clasp brake shoes for air-braked stock	Suitable for 12mm wheels; use with Bill Bedford wagon suspension systems
ABWC011	8	3.00	Clasp brake shoes for air-braked stock	Suitable for 14mm wagon wheels; use with MJT internal wagon suspension systems
BLGVA	5 wagons	6.00	Brake levers, guides and vees, 8-10' w.b.	V shaped vee with Morton cam; for Cambrian, NSR, Gloucester RCW Private Owners etc.
BLGVB	5 wagons	6.30	Brake levers, guides and vees, 8-10' w.b.	Standard shaped vee with/without Morton cam; for pre-Group wagons, LMS, LNER, PO's etc.
BLGVC	5 wagons	6.00	Brake levers, guides and vees, 10-11' w.b.	Longer wheelbase version of above
BLGVD	5 wagons	7.20	Brake levers, guides and vees, MR	Midland Railway levers, etc., for various lever lengths and wagon wheelbases
BLGVE	5 wagons	6.00	Brake levers, guides and vees, 12-14' w.b.	Even longer version of BLGVB
BLGVF	5 wagons	6.00	Brake levers, guides and vees, LNWR	LNWR version of BLGVD
BLGVG	5 wagons	2.40	Brake levers and guides, single shoe brakes	Medium length; for pre-Group wagons including NSR, NBR, GSWR, CR etc.
BLGVH	5 wagons	3.00	Brake levers and guides, single shoe brakes	Long length version of above
BLGVI	5 wagons	2.40	Brake levers and guides, single shoe brake	Short length version of above; for pre-Group short wheelbase wagons such as timber wagons
BLGVJ	5 wagons	4.50	Brake levers, guides and vees, L&YR	Designed for the D36 twin wagon, but may be applicable to other types
BRC001	12	3.00	LNER/BR hopper wagon steps	Fitted at the left-hand end of each solebar
BRC003	16	6.30	BR 13" diameter self contained buffers	
BRC004	16	6.30	BR 16" diameter self contained buffers	
BRC019	16	3.60	BR split axleboxes	Ideal for use with Bill Bedford BR heavy duty W-irons
BRC020	16	3.60	BR all-welded plate fronted axleboxes	Type 1, with centred horizontal bolt-heads
BRC020A	16	3.60	BR all-welded plate fronted axleboxes	Type 1, with raised horizontal bolt-heads
BRC021	16	6.00	BR all-welded plate fronted axleboxes	Type 2, with vertical bolt-heads
BRC022	16	3.60	BR roller bearing axleboxes	Type 1, hole in bar
BRC023	16	3.60	BR roller bearing axleboxes	With inverted hood
BRC024	16	3.60	BR roller bearing axleboxes	Type 2, no hole in bar
BRC025	4	3.60	BR roller bearing axleboxes & springs	For D1/060 Conflat P and TOPS code UUV timber wagons
BRC026	16	3.00	BR Hybox axleboxes	
BRC035	6	2.70	Steel buffer beams, 10" depth, 7'3" length	Suitable for a wide range of wagons
BRC040	2	2.70	BR hopper wagon vacuum cylinders	
BRC041	12	1.20	BR vacuum changeover levers	Wagon solebar fitting for changing brake force between loaded and empty running
BRC042	12	3.60	BR heavy duty springs	
BRC043	8	4.80	BR clasp brake shoes	For vacuum fitted stock
BRC044		TBA	BR lifting link brake levers	Withdrawn for retooling
BRC045	4	2.10	BR Consett iron ore hopper buffers	Distinctive design for these wagons
CMRC001	8	4.50	Cambrian Railways brake shoes	For 8'9" wheelbase wagons
CMRC002	12	2.70	Cambrian Railways grease axleboxes	
CMRC021	4	3.30	Cambrian Railways 4-bolt buffers	Whitemetal bodies with blackened steel heads
CMRC021A	16	2.40	Cambrian Railways 4-bolt buffers	Wholly whitemetal version of above
CRC001	12	4.50	CR No.1 grease axleboxes with springs	
CRC002	12	3.60	CR No.1 grease axleboxes	

Code	Quantity	Price (£)	Item	Description
CRC003	12	3.30	CR Iracier axleboxes with springs	
CRC004	12	2.10	CR oil axleboxes	
CRC005	12	5.10	CR Iracier axleboxes without springs	
CRC006	4	4.50	CR Iracier axleguards	
CRC007	4	3.90	CR grease axleguards	
CRC007A	4	3.00	CR grease axleguards	As CRC007, but with brake lever pivot for single shoe brakes
CRC008	8	3.30	CR twin push brake shoes	For 9' wheelbase wagons; safety loops included
CRC009	8	2.40	CR 11' wheelbase brake levers	4 plain & 4 Morton cam levers; also used on longer wheelbase wagons
CRC010	4	3.60	CR three-bolt buffers	Whitemetal bodies with blackened steel heads
CRC010A	16	7.80	CR three-bolt buffers	Wholly whitemetal version of above
CRC011	4	3.90	CR self-contained buffers	Whitemetal bodies with blackened steel heads
CRC011A	16	8.70	CR self-contained buffers	Wholly whitemetal version of above
CRC012	16	5.70	CR self-contained buffers	Alternative design to CRC011
CRC013	16	4.80	CR heavy duty 4-bolt buffers	
CRC014	8	2.10	CR single brake shoe	Early type used with axleguard-pivoted brake levers
CWLB	27	3.90	Large hand wheels, 5 & 6mm o.d.	Contains 14 pairs 6mm o.d., 13 pairs 5mm o.d.
CWLHB	16	2.40	Large hand brake wheels, 5 & 6mm o.d.	Contains 8 pairs 6mm o.d., 8 pairs 5mm o.d.
CWMB	27	2.10	Medium hand wheels, 3 & 4mm o.d.	Contains 14 pairs 4mm o.d., 13 pairs 3mm o.d.
CWSBD	32	1.20	Small hand wheels & gauge dials	Contains 13 pairs of 3mm & 10 pairs 2mm hand wheels; 5 x 1mm & 4 x 1.5mm o.d. gauge dials
CWSHB	18	1.50	Small hand brake wheels, 3 & 4mm o.d.	Contains: 10 pairs 3mm o.d., 8 pairs 4mm o.d.
FRC001	8	1.50	Furness Railway single brake shoes	Used with long brake levers
FRC002	12	1.50	Furness Railway axleboxes	
GCRC001	12	3.00	GCR oil axleboxes	
GCRC002	12	1.80	GCR Attocks grease axleboxes	
GCRC003	4	3.30	GCR 4-bolt buffers	Whitemetal bodies with blackened steel heads
GCRC003A	16	2.40	GCR 4-bolt buffers	Wholly whitemetal version of above
GCRC004	12	2.40	GCR grease axleboxes	
GCRC005	8	5.10	GCR 9' wheelbase brake shoes	
GCRC006	8	2.70	GCR 9'6" wheelbase brake shoes	
GCRC007	12	1.50	GCR door bangers	
GCRC008	4 sets	2.40	GCR lifting link brake levers	for 9' wheelbase wagons
GSWC001	4	3.60	GSWR grease axleguards	
GSWC002	4	2.10	GSWR oil axleguards	
HBRC001	12	2.10	H&BR grease axleboxes	
HBRC002	8	2.40	H&BR nine-leaf springs	
HBRC003	8	2.40	H&BR Scotch brake levers	
HBRC004	8	2.40	H&BR Scotch brake shoes	
HBRC005	4	3.30	H&BR ribbed buffers	Whitemetal bodies with blackened steel heads
HBRC005A	16	2.40	H&BR ribbed buffers	Wholly whitemetal version of above
HRC001	12	1.80	HR axleboxes	
HRC002	8	4.80	HR single brake shoe	Early type used with axleguard-pivoted brake levers
HRC021	4	3.90	HR buffers with rests	Whitemetal bodies with blackened steel heads; buffers handed
HRC022	4	3.90	HR buffers without rests	Whitemetal bodies with blackened steel heads
LMSC001	12	6.00	Cranked upright vacuum pipes	Used by the LMS, LNER and BR, particularly on vans, open wagons and carriages
LMSC005	4	3.30	LMS leaf springs with J hangers	Suitable for fitted wagons
LMSC006	12	4.20	LMS oil axleboxes	Suitable for fitted wagons
LNWC001	12	5.40	LNWR oil axleboxes with springs	
LNWC051	1	1.20	LNWR double-acting vacuum cylinder	
LYRC004	12	2.40	LYR B4 type oil axleboxes & springs	
LYRC005	12	3.60	LYR B4 type oil axleboxes	
LYRC006	12	4.50	LYR B3 type oil axleboxes	
LYRC007	4	3.30	LYR four-bolt wagon buffers	Whitemetal bodies with blackened steel heads
LYRC009	16	1.50	LYR bolster pins	Etched brass
LYRC010	12	4.20	LYR grease axleboxes	
LYRC020	4	3.30	LYR three-bolt wagon buffers	Whitemetal bodies with blackened steel heads
MRC004	12	3.30	MR 10A grease axleboxes	
MRC005	12	3.30	MR oil axleboxes	
MRC010	8	3.60	MR twin push brake shoes	For 9' wheelbase wagons; safety loops not included
MRC020	4	3.00	MR four-bolt buffers	Whitemetal bodies & blackened steel heads; similar to other companies' designs, e.g. GCR
MRC020A	16	6.30	MR four-bolt buffers	Wholly whitemetal version of above
MRC021	6	3.00	MR wagon sheets	Six assorted sheets (tarpaulins) for the later pre-Grouping period
NBRC001	4	3.00	NBR grease axleguards	
NBRC002	12	5.10	NBR grease axleboxes with springs	
NBRC003	12	3.90	NBR early pattern oil axleboxes & springs	
NBRC004	12	3.30	NBR later pattern heavy-duty oil axleboxes	With springs
NBRC006	12	1.50	NBR early pattern oil axleboxes	
NBRC007	8	2.10	NBR 9'6" wagon brake shoes	Safety loops not included
NBRC008	8	2.10	NBR 9' wagon brake shoes	Safety loops included
NBRC009	8	1.50	NBR 9' wagon brake levers	Only for wagons with no cross shaft
NBRC010	8	3.00	NBR 9' wagon brake levers with vee	Use with NBRC017 brake shoes on wagons with steel channel solebars
NBRC012	4	3.00	NBR four-bolt buffers	Whitemetal bodies with blackened steel heads
NBRC012A	16	7.80	NBR four-bolt buffers	Wholly whitemetal version of above
NBRC014	4	3.90	NBR Spencer buffers	Whitemetal bodies with blackened steel heads
NBRC014A	16	5.40	NBR Spencer buffers	Wholly whitemetal version of above
NBRC015	4	3.00	NBR early pattern oil axleguards	
NBRC016	4	3.90	NBR later pattern heavy-duty oil axleguards	
NBRC017	8	1.80	NBR single brake shoes	Early type used with axleguard-pivoted brake levers
NBRC018	8	1.50	NBR axleguard-pivoted brake levers	Long levers for use with above – 9' wheelbase wagons
NBRC019	8	2.70	NBR axleguard-pivoted brake levers	As above, but for 8'6" wheelbase wagons
NBRC020	8	1.80	NBR brake push rods	Transfers the motion of the handbrake lever to clasp brake shoes on fitted stock
NERC002	12	2.40	NER no. 6 grease axleboxes & springs	Used up until 1894 for new build and repairs; replaced by no. 2A grease axleboxes
NERC002A	4	4.80	NER no. 6 grease axleguards	As above
NERC003	12	6.60	NER no. 6D oil axleboxes & springs	For stock with 14mm wheels
NERC003A	4	4.20	NER no. 6D oil axleguards	As above
NERC004	12	5.40	NER Ellis no. 2A grease axleboxes	Used up until 1903 for new build and repairs; replaced by oil axleboxes thereafter
NERC005	12	4.50	NER Ellis no. 2A grease axleboxes & springs	As above
NERC005A	4	2.70	NER Ellis no. 2A grease axleguards	As above
NERC006	12	3.00	NER no. 2 oil axleboxes with spring	Used from 1894
NERC006A	4	2.70	NER no. 2 oil axleguards	For push-braked stock
NERC006B	4	3.00	NER no. 2 oil axleguards	For clasp-braked stock

Code	Quantity	Price (£)	Item	Description
NERC007	4	3.00	NER no. 1D J-hanger oil axleguards	For clasp-braked stock
NERC008	2 sets	3.00	NER hopper wagon brake gear	For wagons with the brake levers across the ends of the wagon
NERC020	4	3.90	NER 3-bolt buffers	Whitemetal bodies with blackened steel heads
NERC020A	16	3.90	NER 3-bolt buffers	Wholly whitemetal version of above
NERC021	4	3.60	NER post-1918 ribbed buffers	Whitemetal bodies with blackened steel heads
NERC021A	16	2.70	NER post-1918 ribbed buffers	Wholly whitemetal version of above
NERC022	4	3.90	NER mineral wagon buffers	Whitemetal bodies with blackened steel heads
NERC022A	16	3.90	NER mineral wagon buffers	Wholly whitemetal version of above
NERC028	4	3.60	NER 4-bolt fitted buffers	Whitemetal bodies with blackened steel heads
NERC028A	16	3.60	NER 4-bolt fitted buffers	Wholly whitemetal version of above
NERC029	8	1.80	NER fitted stock Morton brake levers	Four Morton cam and four plain levers
NERC030	8	2.40	NER fitted stock duplex brake levers	Four left-hand and four right-hand levers
NERC031	6	3.00	NER wagon sheets	Six assorted sheets (tarpaulins) for the late pre-Grouping period
NERC032	12	5.70	NER 8'6" wagon brake levers	Four left-hand, four right-hand and four Morton cam levers
NERC033	8	3.60	NER 8'6" wagon brake shoes	With safety loops
NERC051	2	3.30	NER vacuum cylinders, reservoirs and levers	Two of each component
NSRC002	12	1.20	NSR oil axleboxes without springs	Suitable for outside W-irons
NSRC003	2	1.80	NSR vacuum cylinders and levers	Two cylinders and two brake actuating levers
NSRC005	8	2.40	NSR 10' wagon brake shoes	Safety loops not included
NSRC006	8	4.50	NSR 10' wagon brake levers	Only for wagons with no cross shaft
NSRC008	4	3.00	NSR heavy duty springs	Suitable for outside W-irons
NSRC024	4	3.60	NSR four bolt buffers	Whitemetal bodies with blackened steel heads
NSRC024A	16	2.40	NSR four bolt buffers	Wholly whitemetal version of above
PGW	16	9.60	Pre-Group W-irons	Etched brass rocking W-irons, with choice of straight or curved bridle bars
TBE004	4	2.40	Etched wagon ladders, 4mm rung spacing	Access ladders for hopper wagons etc; jig-built type supplied with rung wire
TBE005	2	1.50	Etched wagon ladders, 2.7mm rung spacing	As above
UC002	12	4.50	Wagon leaf springs	
UC007	4	3.90	Private Owner 4-bolt wagon buffers	Whitemetal bodies with blackened steel heads
UC012	5	3.60	Vacuum cylinders	Suitable for many railway companies
UC015	8	3.00	Clasp brake shoes	For 3' (12mm) wheels
UC051	16	2.70	Bolster shackles – round end	Chain attachment points on bolster wagons
UC052	16	2.70	Bolster shackles – flattened round end	
UC053	16	2.70	Bolster shackles – square end	
UC054	16	2.70	Door bangers	Solebar fitting for wagons with drop side doors
UC055	8	3.60	Brake levers for 10'6" wheelbase wagons	Four plain and four Morton cam levers
UC056	8	3.60	Brake levers for 9' wheelbase wagons	As above
UC057	8	3.00	Brake levers for 9'6" wheelbase wagons	As above
UC058	8	3.60	Brake shoes for 9'6" wheelbase wagons	Four pairs of push brake shoes with cast safety loops
UC059	8	3.00	Duplex brake levers for 9'6" wb wagons	Four left-hand and four right-hand levers
UC060	8	3.00	Brake shoes for 9' wheelbase wagons	Four pairs of push brake shoes; safety loops not included
UC061	12	3.90	Attocks square-bottomed axleboxes	
UC062	8	1.50	Brake levers for 11' wheelbase wagons	Four plain and four Morton cam levers
UC063	8	5.70	Brake shoes for 10' wheelbase wagons	Four pairs of push brake shoes; safety loops not included
UC064	12	TBA	Etched wagon brake gear vees	Straight-sided vees
UC065	12	3.00	Cast wagon brake gear vees	Straight-sided vees
UC066	8	2.10	Brake shoes for 10'6" wheelbase wagons	Four pairs of push brake shoes; safety loops not included
UC067	8	2.70	Brake shoes for 11' wheelbase wagons	Four pairs of push brake shoes; safety loops not included
UC068	8	6.60	Brake shoes for 15' wheelbase wagons	Four pairs of push brake shoes; safety loops included
UC069	8	5.40	Brake shoes for 14' wheelbase wagons	Four pairs of push brake shoes; safety loops not included
UC070	12	2.70	Attocks narrow axleboxes	
UC071	8	3.60	Brake levers for 15' wheelbase wagons	Four plain and four Morton cam levers
UC072	8	6.00	Brake shoes for 17' wheelbase wagons	Four pairs of push brake shoes; safety loops included
WFCTD	20	1.20	Ferry tie down cleats and loops	Contains 20 ferry cleats and 20 tie down loops for modern wagon stock
WLCDK	1	5.40	Load chain detailing kit	Contains sufficient parts to produce 4 chains (chain not included)
TRANBLUN	15 wagons	3.00	Blundells coal wagon transfers	Water slide transfers for three box coal wagons and medium height mineral wagons
TRANHAY1	15 wagons	3.00	John Evan's 'Haydock Colliery' transfers	Set 1, number series E1-E59; for three box coal wagons and medium height mineral wagons
TRANHAY2	15 wagons	3.00	John Evan's 'Haydock Colliery' transfers	Set 2, number series E60 onwards
TRANINCE	1 wagon	1.20	Ince Waggon Works	Waterslide transfers for Ince Waggon Works demonstrator wagons and perhaps hire fleet
TRANMF	5 wagons	3.00	Monks Ferry coal wagon transfers	Waterslide transfers for three box coal wagons and medium height mineral wagons
TRANPCA3	4 wagons	6.90	PCA powder discharge wagon transfers	For Storage Transport Systems (STS) hire fleet wagons
TRANWM	3 wagons	3.00	White Moss Colliery transfers	Waterslide transfers suitable for three box coal wagons and medium height mineral wagons
Alan Gibson				
4960	4	8.40	RCH wagon sprung buffers	Cast whitemetal bodies and 12" turned steel heads
4961	4	8.40	RCH mineral wagon sprung buffers	As above, but two bodies are modified to accommodate the end door
4962	4	8.40	RCH fitted wagon buffers	With longer bodies to suit fitted wagons
4MM33	1	12.90	Wagon strapping	Assorted strapping and panels for 5 and 7-plank opens and vans
Bill Bedford				
BWF001/4	12	9.00	RCH 1907 W-irons with springing	Uses piano wire as the spring (0.010" supplied); requires waisted bearings
BWF002/4	12	9.00	RCH 1923 W irons with springing	As above for post-Grouping wagons
BWF080/4	12	8.70	BR open W-irons, with springing	As above; suitable for 16T minerals, 12T vans and 13T opens
BWF081/4	12	9.00	BR plate W-irons, with springing	As above; suitable for high capacity mineral wagons and hoppers
BWF082/4	12	8.70	BR W-irons, with springing	As above; suitable for air braked stock (VGA, OBA etc.)
BWF083/4	12	9.00	W-irons, with springing	As above; for pedestal suspension systems
CES037A/4	10	4.80	MR short brake levers & guides	Ideal etched brass component to replace white metal brake levers
CES037B/4	12	4.80	MR long brake levers & guides	As above
CES037C/4	10	4.80	BR Vanwide brake levers & guides	As above
CES052/4	48	3.90	Brake safety loops	Use in conjunction with brake levers above
CES900/4	4	10.80	RCH 9' wheel base brake gear	Contains brake levers, V hangers, shoes, rodding, and safety loops
CES901/4	4	10.80	RCH 10' wheel base brake gear	As above
CES920/4	4	10.80	GWR Dean/Churchward type III brake gear	As above
Comet				
C12	6	6.30	RCH pattern 'W' irons	Sufficient for 3 4-wheel wagons
C13	6	6.00	BR pattern 'W' irons	Sufficient for 3 4-wheel wagons
C14A	24	6.60	Clasp brake shoes	Alternative style, suited to C27-C29
C27	1	4.80	9' or 12' w/b wagon chassis	

Code	Quantity	Price (£)	Item	Description
C28	1	4.80	10' w/b wagon chassis	
C29	1	7.80	15', 16' or 17'6" w/b wagon chassis	
C30	8	3.90	Etched wagon brake levers	Sufficient for 4 wagons
Hollar Models – self-adhesive labels for 1950s/1960s wagons				
HR9	39	3.00	Youghal Carpets	Only used on containers
HR11	34	3.00	Lowe's Carta Carna Dog Food	
HR20	40	3.00	Metal Box	
Mainly Trains				
MT163	24	7.50	Etched rivet strips	6 1mm wide x 138mm long strips, each with rivets spaced at 1.0mm, 1.3mm, 1.7mm, 2.0mm
MT166	1 fret	3.60	Wagon detailing components	Crown plates, coupling eyes, number plates etc.
MT167	16	3.60	Wagon corner plates	8 12.5mm tall, 4 14mm tall and 4 16mm tall
MT223	4 sets	13.50	9' w.b. Morton brake gear	Includes levers, shoes, v-hangers, safety loops etc.
MT225	2 sets	10.80	LNER 9&10' w.b. vacuum clasp brake gear	Includes levers, shoes, v-hangers, vacuum cylinders etc.
MT230	1	8.40	Brake gear detailing fret	Includes levers, v-hangers, safety loops, yokes etc.
MT234	2 sets	10.50	LMS vacuum clasp brake gear	Includes levers, shoes, v-hangers, vacuum cylinders etc.
MT236	1	8.40	GWR Dean/Churchward brake gear	Includes levers, shoes, v-hangers, yokes etc.
MT339	2	2.10	Vacuum cylinders	
MTT01	1 pair	1.50	United Dairies milk tank transfers	Waterslide type; company branding only, no numbers etc.
Smiths				
LP12	10	7.20	Dummy screw tensioners	For securing containers to Conflats, etc
ST01	5	7.80	GWR post-Grouping wagon tarpaulins	Five assorted tarpaulins
ST02	5	7.80	Wagon tarpaulins: GW/LMS/LNER/SR	At least one tarpaulin for all four Group companies
ST03	5	7.80	SR wagon tarpaulins	Five assorted tarpaulins
ST04	5	7.80	LMS wagon tarpaulins	Five assorted tarpaulins
ST05	5	7.80	LNER wagon tarpaulins	Five assorted tarpaulins
ST06	5	7.80	Wagon tarpaulins – North West & London	Cheshire Lines, M&GN, LNWR, LYR and NSR
ST08	5	7.80	BR wagon tarpaulins	Five assorted tarpaulins
ST09	5	7.80	Wagon tarpaulins - Scotland & NE England	CR, GNR, GER, GCR, GNSR
ST10	5	7.80	Wagon tarpaulins – Midlands & SE England	GCR, LSWR, LTSR, MSWJR etc

7mm Scale

Wagon components

Hollar Models – self-adhesive labels for 1950s/1960s wagons

HR701	15	3.00	Geest Bananas	Early style
HR702	15	3.00	Fyffes Bananas	Early style
HR704	11	3.00	Earle's Cement	
HR705	14	3.00	Silcocks Animal Feed	
HR706	25	3.00	BOCM Animal Feed	
HR707	12	3.00	ICI Fertilizer	
HR708	12	3.00	Cyril Lord Carpets	
HR709	15	3.00	Youghal Carpets	Only used on containers
HR710	9	3.00	Carrs Biscuits	
HR711	11	3.00	Lowe's Carta Carna Dog Food	
HR712	30	3.00	Patons Wool	
HR713	32	3.00	Parcels destinations	Includes destinations from all 6 BR Regions; also used on carriage stock
HR714	38	3.00	Parcels/Mails	Also used on carriage stock
HR715	9	3.00	Fisons Basic Slag	
HR716	14	3.00	Spratts Dog Food	
HR717	12	3.00	Fyffes Bananas	Later style
HR718	14	3.00	Geest Bananas	Later style
HR719	15	3.00	Ribble Cement	
HR720	15	3.00	Metal Box	
TP71	16	3.90	Mixed pack – bananas	Includes labels from packs HR1, 2 ,17 and 18 above
TP72	14	3.90	Mixed pack – cement	Includes labels from packs HR3, 4 and 19 above
TP73	14	3.90	Mixed pack – textiles	Includes labels from packs HR8, 9 and 12 above
TP74	16	3.90	Mixed pack – animal feed	Includes labels from packs HR5 and 6 above
TP75	14	3.90	Mixed pack – fertiliser	Includes labels from packs HR7 and 15 above
TP76	15	3.90	Mixed pack – the rest	Includes labels from packs HR10, 11, 16 and 20 above
Smiths				
OT1	3	6.90	GWR post-Grouping wagon tarpaulins	Three assorted tarpaulins
OT2	3	6.90	LNER wagon tarpaulins	Three assorted tarpaulins
OT3	3	6.90	SR wagon tarpaulins	Three assorted tarpaulins
OT4	3	6.90	LMS wagon tarpaulins	Three assorted tarpaulins
OT5	3	6.90	BR wagon tarpaulins	Three assorted tarpaulins

Part F) Wheels, Axles and Bearings etc.

2mm Scale

Markits

4B2BGN	1	6.00	N back-to-back gauge	Machined brass to 7.50mm for N gauge

4mm Scale

51L 00 Standard Wizard Wheels (14.5mm back to back)

16000	2 axles	3.90	12mm solid spoke	Generally for post-Grouping and some BR wagons, including Private Owner wagons
16001	2 axles	3.90	12mm open spoke	For pre-Grouping wagons
16002	2 axles	3.90	12mm 3-hole disc	For post-Grouping and BR wagons
16004	2 axles	3.90	14mm Mansell	For pre-Grouping carriages and NPCCS
16005	2 axles	3.90	14mm disc	For post-Grouping and BR Mk1 carriages

51L 00 Finescale Wizard Wheels (14.8mm back to back)

16500	2 axles	3.90	12mm solid spoke	Generally for post-Grouping and some BR wagons, including Private Owner wagons
16501	2 axles	3.90	12mm open spoke	For pre-Grouping wagons
16502	2 axles	3.90	12mm 3-hole disc	For post-Grouping and BR wagons
16503	2 axles	3.90	14mm open spoke	For pre-Grouping carriages and NPCCS

Code	Quantity	Price (£)	Item	Description
16504	2 axles	3.90	14mm Mansell	For pre-Grouping carriages and NPCCS
16505	2 axles	3.90	14mm disc	For post-Grouping and BR Mk1 carriages
16507	2 axles	3.90	10.5mm disc	For Lowmacs and modern low-platform wagons
16509	2 axles	3.90	12mm disc	For DMU and EMU stock
16512	2 axles	3.90	10.5mm disc-braked	For modern wagons and multiple unit stock
16515	2 axles	3.90	14mm 10-spoke	For pre-Grouping carriages and NPCCS
51L EM Wizard Wheels (16.5mm back to back)				
18200	2 axles	3.90	12mm solid spoke	Generally for post-Grouping and some BR wagons, including Private Owner wagons
18201	2 axles	3.90	12mm open spoke	For pre-Grouping wagons
18202	2 axles	3.90	12mm 3-hole disc	For post-Grouping and BR wagons
18203	2 axles	3.90	14mm open spoke	For pre-Grouping carriages and NPCCS
18204	2 axles	3.90	14mm Mansell	For pre-Grouping carriages and NPCCS
18205	2 axles	3.90	14mm disc	For post-Grouping and BR Mk1 carriages
18207	2 axles	3.90	10.5mm disc	For Lowmacs and modern low-platform wagons
18209	2 axles	3.90	12mm disc	For DMU and EMU stock
18212	2 axles	3.90	10.5mm disc-braked	For modern wagons and multiple unit stock
18215	2 axles	3.90	14mm 10-spoke	For pre-Grouping carriages and NPCCS
51L P4 Wizard Wheels (17.7mm back to back)				
18800	2 axles	3.90	12mm solid spoke	Generally for post-Grouping and some BR wagons, including Private Owner wagons
18801	2 axles	3.90	12mm open spoke	For pre-Grouping wagons
18802	2 axles	3.90	12mm 3-hole disc	For post-Grouping and BR wagons
18803	2 axles	3.90	14mm open spoke	For pre-Grouping carriages and NPCCS
18804	2 axles	3.90	14mm Mansell	For pre-Grouping carriages and NPCCS
18805	2 axles	3.90	14mm disc	For post-Grouping and BR Mk1 carriages
18807	2 axles	3.90	10.5mm disc	For Lowmacs and modern low-platform wagons
18809	2 axles	3.90	12mm disc	For DMU and EMU stock
18812	2 axles	3.90	10.5mm disc-braked	For modern wagons and multiple unit stock
18815	2 axles	3.90	14mm 10-spoke	For pre-Grouping carriages and NPCCS
40001	40	4.20	Wizard Wheels bearings	Shouldered pin-point brass bearings
40002	40	4.20	Wizard Wheels bearings	Waisted pin-point brass bearings
40003	40	4.20	Wizard Wheels bearings	Flangeless pin-point brass bearings
LOC404	1	5.10	OO back-to-back gauge	Turned/milled brass, 14.5mm long for standard OO; matches new Hornby and Bachmann
LOC406	1	5.10	EM back-to-back gauge	As above; 16.5mm long for standard EM dimensions
LOC407	1	5.10	P4 back-to-back gauge	As above; 17.7mm long for standard P4 dimensions
Alan Gibson bogie and tender wheels **- a** set contains 2 RP25 profile wheels, 2mm diameter inside bearing 00 & EM axles and a pinpoint 26mm axle				
4832	1 set	4.20	2'8" 10 spoke bogie wheels	For GWR Kruger 4-6-0 and GNR/LNER O2 2-8-0
4836	1 set	4.20	3'0" 10 spoke bogie wheels	
4836B	1 set	4.20	3'0" Bulleid Boxpok bogie wheels	For all SR Pacific bogies, and WC/BB trailing trucks
4836C	1 set	4.20	3'0" 12 spoke bogie wheels	For LNER classes A2 (Raven), A6, A7, A8, D49, G5, H1 and T1
4836GP	1 set	4.20	3'0" 9 spoke bogie wheels	For various GNSR, HR, L&YR and MR classes
4836H	1 set	4.20	3'0" 8 spoke bogie wheels	
4836ST	1 set	4.20	3'0" 9 spoke bevel rim bogie wheels	LMS Stanier era
4838	1 set	4.20	3'2" 10 spoke bogie wheels	
4838ST	1 set	4.20	3'2" 10 spoke bevel rim bogie wheels	LMS Stanier era & BR Standards
4838ST/T	1 set	4.20	3'2" 9 spoke bevel rim bogie wheels	LMS Stanier era & BR Standards
4838W	1 set	4.20	3'2" disc bogie/tender wheels	For the WD 2-8-0 & 2-10-0
4839	1 set	4.20	3'3½" 10 spoke bogie wheels	
4839H	1 set	4.20	3'3" 8 spoke bogie wheels	
4839ST	1 set	4.20	3'3½" 10 spoke bevel rim bogie wheels	LMS Stanier era
4842	1 set	4.20	3'6" 10 spoke bogie/tender wheels	
4842B	1 set	4.20	3'6" Bulleid Boxpok bogie/tender wheels	For Merchant Navy trailing trucks and all Bulleid tenders
4842C	1 set	4.20	3'6" 12 spoke bogie/tender wheels	
4842ST	1 set	4.20	3'6" 12 spoke bevel rim bogie wheels	LMS Stanier era
4844	1 set	4.20	3'8" 10 spoke bogie/tender wheels	
4844B	1 set	4.20	3'8" disc tender wheels	For LNER Group Standard tenders
4844C	1 set	4.20	3'8" 12 spoke bogie/tender wheels	
4844H	1 set	4.20	3'8" 10 H-spoke bogie/tender wheels	For various LNWR classes
4847	1 set	4.20	3'11" 10 spoke bogie/tender wheels	
4847NW	1 set	4.20	3'11" 12 spoke bogie/tender wheels	
4847S	1 set	4.20	3'11" disc tender wheels	
4849	1 set	4.20	4'1½" 12 spoke bogie/tender wheels	GWR
4850	1 set	4.20	4'2" disc tender wheels	For LNER 8-wheel tenders
4851	1 set	4.20	4'3" 12 spoke bogie/tender wheels	MR and LMS Hughes/Fowler eras; also some GCR classes
4851C	1 set	4.20	4'3" 10 spoke bogie/tender wheels	For some GCR classes
4851ST	1 set	4.20	4'3" 12 spoke bevel rim bogie/tender wheels	LMS Stanier era
4854	1 set	4.20	4'6" 14 spoke bogie/tender wheels	
Alan Gibson locomotive driving wheels **- a** set contains 2 RP25 profile wheels and 00 & EM 1/8" diameter plain ended axles				
4836IW	1 set	8.40	3'0" Manning Wardle driving wheels	
4836P	1 set	8.40	3'0" L&Y Pug driving wheels	
4842DD	1 set	8.40	3'6" 12 spoke diesel loco driving wheels	For Class 03 etc; 00/EM axle included
4842IW	1 set	8.40	3'6" 10 spoke Manning Wardle loco wheels	For small industrial locos
4847D	1 set	8.40	3'11" BR Class 14 12 spoke driving wheels	
4849N	1 set	8.40	4'1½" 12 spoke driving wheels	
4851N	1 set	8.40	4'3" 14 spoke dished spokes	For LNER J94
4853	1 set	8.40	4'5½" 12 H-spoke driving wheels	For various LNWR classes
4854W	1 set	8.40	4'6" 14 spoke driving wheels	
4855	1 set	8.40	4'7" 15 spoke driving wheels	
4855S	1 set	8.40	4'7" 15 spoke bevel rim driving wheels	For LMS 8F 2-8-0
4855W	1 set	8.40	4'7" 14 spoke GWR driving wheels	10" crankpin throw for the 5600, 5700 and 9400 classes
4860	1 set	11.10	5'0" SR Bulleid driving wheels	For the Q1 0-6-0 and Leader classes
4862	1 set	11.10	5'2½" 16 spoke MR/LMS driving wheels	With crankpin in line with spokes, for the MR/LMS 2F (some), 3F (most) and 4F (all) 0-6-0s
4862E	1 set	11.10	5'2½" 16 spoke driving wheels	With crankpin between the spokes, for various pre-Grouping and GWR/LNER classes
4862ST	1 set	11.10	5'2½" 16 spoke bevel rim driving wheels	For LMS Ivatt and BR Standard 4MT 2-6-0s
4868	1 set	11.10	5'8" 18 spoke driving wheels	For the GWR Manor, 4300, 5100 and 6100 classes
4872	1 set	11.10	6'0" 19 spoke bevel rim driving wheels	For the LMS Stanier/Ivatt Black 5 4-6-0
4872W	1 set	11.10	6'0" 20 spoke GW Hall driving wheels	For both the 4900 original and 6959 modified versions
4874	1 set	11.10	6'2" 20 spoke bevel rim driving wheels	BR Pacifics, Class 5 4-6-0
4874V	1 set	11.10	6'2" 18 spoke LNER driving wheels	For the A2, B1, P2 & V2 classes
4878W	1 set	11.10	6'6" 22 spoke GW King driving wheels	With the reinforced crankpin web
4880	1 set	11.10	6'8" 22 spoke GW Castle driving wheels	
4880M	1 set	11.10	6'8" 21 spoke LMS Royal Scot driving wheels	Plain rim & in-line crankpin, as originally fitted

Code	Quantity	Price (£)	Item	Description
4880B	1 set	11.10	6'8" 20 spoke LNER driving wheels	For the A1, A3, A4 & B17 classes
4881	1 set	11.10	6'8" 21 spoke LMS Jubilee driving wheels	Bevel rim & between spokes crankpin
4M42B	6	7.50	Crankpins	Suitable for Alan Gibson and other makes of driving wheel
4M46	10	4.20	Crankpin nuts	Spare part for the above
4M65S	10	3.30	2mm bore mainframe bearings (thin wall)	
4M67/2	30	5.70	2mm bore shimming washers	10 each 0.25mm, 0.5mm, 1mm thick; for adjusting driving wheel sideplay
4M67/3	30	5.70	1/8" bore shimming washers	10 each 0.25mm, 0.5mm, 1mm thick; for adjusting driving wheel sideplay
4M68	10	3.30	Reducing sleeves – 1/8" to 2mm	Enables 2mm diameter axles to be used in 1/8" bearings
5000	2	2.70	Outside cranks for steam locos	
5002	2	2.70	Outside cranks for diesel locos	For the Class 14 0-6-0
AG02	10	3.30	2mm bore mainframe bearings (thick wall)	
AG03	10	3.30	1/8" bore mainframe bearings	

Comet

LS80	8&12	2.70	Crankpin & axle spacing washers	0.018" thick etched nickel silver
LS82	20	3.60	1/8" driving axle fibre spacing washers	Insulated washers for controlling sideplay
LS82A	20	2.40	3mm driving axle fibre spacing washers	As above
RM1	4	3.60	Plain crankpins and washers	Own brand replacement for the Markits product
RM2	6	5.10	Plain crankpins and washers	As above
RM3	20	3.90	Crankpin washers	As used in RM1 and RM2 above

Markits Locomotive Driving Wheels - insulated with nickel silver rims to RP25 profile and blackened centres, suitable for both 00 and EM

WH199	1 wheel	7.02	3'6" 10 spoke plain rim	For small industrial locos
WH200	1 wheel	7.02	4'0" 12 spoke plain rim	LMS/L&Y/LNER/SR
WH200A	1 wheel	7.02	4'3" 14 spoke dished spokes	For LNER J94
WH200B	1 wheel	7.02	4'5½" 12 H-spoke	For various LNWR classes
WH200C	1 wheel	7.02	4'5½" 12 H-spoke, flangeless	For the LNWR eight-coupled classes (one axle only)
WH200D	1 wheel	7.02	4'1" 10 spoke plain rim	GWR 4400 2-6-2T and GER E22 (LNER J65-69) 0-6-0Ts
WH201	1 wheel	7.02	4'7" 14 spoke plain rim	10" throw for GWR 5600, 5700, 9400
WH201A	1 wheel	7.02	4'6" 15 spoke plain rim	For the MR/LMS Jinty 3F 0-6-0T
WH201B	1 wheel	7.02	4'6" 14 spoke plain rim	For BR Class 08, 09, 12 and 13 shunters (outside cranks, hence no crankpin holes)
WH201C	1 wheel	7.02	4'6" 14 spoke plain rim	For various LBSCR, NBR and NER classes
WH202	1 wheel	7.02	4'7½" 14 spoke plain rim	15" throw for GWR 2800, 4200, 7200
WH202A	1 wheel	7.02	4'8½" 15 spoke bevel rim	For LMS 8F 2-8-0
WH203	1 wheel	7.02	5'0" 15 spoke bevel rim	For LMS Ivatt Class 2 and BR 9F
WH204	1 wheel	7.02	5'0" 15 spoke flangeless bevel rim	For BR 9F centre axle
WH205	1 wheel	7.02	5'2" 16 spoke plain rim	GWR, LMS Fowler locos
WH205A	1 wheel	7.02	5'3" 16 spoke bevel rim	For LMS Ivatt and BR Standard 4MT 2-6-0s
WH205B	1 wheel	7.02	5'6" 17 spoke plain rim	For LMS Crab 2-6-0
WH206	1 wheel	7.02	5'8" 18 spoke plain rim	LMS Fowler 2-6-4T, LNER K1, K2, K3, N2, V1, V3
WH207	1 wheel	7.02	5'8" 18 spoke bevel rim	LMS Stanier/Fairburn 2-6-4T, BR 2-6-4T, 4MT 4-6-0
WH208	1 wheel	7.02	5'8" 18 spoke plain rim	GWR Manor, 4300, 5100, 6100
WH209	1 wheel	7.02	6'0" 19 spoke bevel rim	LMS Stanier/Ivatt Black 5 4-6-0
WH209A	1 wheel	7.02	6'0" 20 spoke plain rim	GWR Hall (all versions)
WH209B	1 wheel	7.02	6'2" Boxpok	SR Pacifics
WH210	1 wheel	7.02	6'2" 18 spoke plain rim	LNER A2, B1, P2, V2
WH211	1 wheel	7.02	6'2" 20 spoke bevel rim	BR Pacifics, Class 5 4-6-0
WH212	1 wheel	7.02	6'6" 22 spoke plain rim	GWR King and Castle
WH212A	1 wheel	7.02	6'6" 22 spoke plain rim	SR V, LN, N15
WH212B	1 wheel	7.02	6'6" 20 spoke bevel rim	LMS Stanier Princess
WH213	1 wheel	7.02	6'8" 20 spoke plain rim	LNER A1, A3, A4, B12, B17
WH214	1 wheel	7.02	6'9" 21 spoke plain rim	LMS Royal Scot, original & rebuilt
WH215	1 wheel	7.02	6'9" 21 spoke bevel rim	LMS Stanier Jubilee
WH216	1 wheel	7.02	6'9" 21 spoke bevel rim	LMS Stanier/Ivatt Coronation Pacifics
WH217	1 wheel	7.02	6'9" 21 spoke bevel rim	LMS Stanier rebuilt Patriot

Markits Locomotive Bogie/Tender Wheels - insulated with nickel silver rims to RP25 profile and blackened centres. A set is 2 wheels mounted on an inside bearing 00 axle

WH30	1 set	5.70	3'0" 9 spoke bevel rim	LMS Stanier, BR standards
WH31	1 set	5.70	3'0" 10 spoke plain rim	
WH31A	1 set	5.70	3'1" 12 spoke plain rim	LNER classes A2 (Raven), A6, A7, A8, B2 (Thompson), B17, D49, G5, H1 and T1
WH31B	1 set	5.70	3'1" Boxpok	SR Pacific bogie wheels and WC/BB trailing wheels
WH32	1 set	5.70	3'3" 10 spoke bevel rim	LMS Stanier; BR standards, including all tenders
WH33	1 set	5.70	3'7" 10 spoke plain rim	SR
WH33A	1 set	5.70	3'9" 10 spoke plain rim	LNER Group Standard tenders; also some LNWR, HR, MR, LCDR, LSWR and SER classes
WH33B	1 set	5.70	3'6" 12 spoke plain rim	LNER V2 trailing wheels; also some NER & NBR bogies, MR Kirtley tenders
WH33C	1 set	5.70	3'7" Boxpok	SR Bulleid tenders and MN trailing wheels
WH34	1 set	5.70	4'0" 12 spoke plain rim	GWR, GNR and SR tenders
WH34A	1 set	5.70	4'0" 12 spoke bevel rim	LMS Stanier tenders – use if WH35 won't fit
WH35	1 set	5.70	4'3" 12 spoke bevel rim	LMS Stanier tenders

Markits Locomotive Wheel Components & Accessories

4B2BG00R	1	7.20	00 back-to-back gauge	Turned/milled brass, 14.5mm long for standard 00; includes cut-out to clear gear wheel
4B2BGEMR	1	7.20	EM back-to-back gauge	As above, but 16.5mm long for EM
00AXLE	1	1.92	1/8" diameter 00 driving axle	
00SLOTAXLE	1	1.98	1/8" diameter 00 driving axle	As above, but with a milled slot for better seating of the gear grubscrew
00AXLE3	1	1.92	3mm diameter 00 driving axle	
00EXTAXLE	1	1.92	1/8" diameter extended 00 driving axle	For locos with external cranks
EMAXLE	1	1.92	1/8" diameter EM driving axle	
EMAXLE3	1	1.92	3mm diameter EM driving axle	
MRAXC1	10	3.00	Axle nut covers	For 16-27mm diameter wheels
MRAXC2	10	3.00	Axle nut covers	For 14-15mm diameter wheels
RM4	12	3.30	1/8" axle bearings	4.0mm outside diameter
RM5	12	3.30	1/8" gearbox axle bearings	3.65mm outside diameter and shorter body than RM4
RM7	6	5.70	14BA threaded crankpins and slotted bushes	No more soldering when fixing on the coupling rods!
RM11	10	3.00	Crankpin bushes	Use when your RTR coupling rod holes are too large for the RM1/2 crankpins
RM12	10	3.30	Axle nuts	Spare nuts for the 00 and EM axles above
SCREWDRIVER	1	5.70	Axle nut screwdriver	Also used for the RM7 bushes
BPP001	40	3.60	Shouldered brass pinpoint bearings	
BPP002	40	3.60	Waisted brass pinpoint bearings	

Markits Carriage & Wagon Wheels (RP25 profile) – please note we are not restocking this range

MRJ14/Mdo/bEM	1 axle	1.50	EM disc brake 14mm carriage wheels

7mm Scale

51L 0 Finescale Wizard Wheels (29.2mm back to back)

Code	Quantity	Price (£)	Item	Description
7001	2 axles	10.80	21mm open spoke	For pre-Grouping wagons
7002	2 axles	10.80	21mm 3-hole disc	For post-Grouping and BR wagons
7004	2 axles	10.80	25mm Mansell	For pre-Grouping carriages and NPCCS
7005	2 axles	10.80	25mm disc	For post-Grouping and BR Mk1 carriages
70001	20	6.00	Wizard Wheels bearings	Shouldered plain brass bearings; 2.3mm external diameter

Part G) Permanent Way & Lineside Departments

2mm Scale

Gaugemaster

GM18	24	3.00	Rail joiners (fishplates)	Nickel silver rail joiners, suitable for both code 80 and code 55 rail
GM46	1	4.20	Re-railer	The easy way to place locos and bogie rolling stock on the track

Markits

MNTRG	1	4.80	N/OO9 roller track gauge	For code 75 rail

Smiths

WTNS1	10	6.00	LNER/BR speed restriction signs	Etched brass cut-out type; includes posts and arrowed signs for diverging junctions

4mm Scale

Gaugemaster

GM19	24	3.90	Rail joiners (fishplates)	Nickel silver rail joiners, for code 100 rail only
GM45	1	6.60	Re-railer	The easy way to place locos and bogie rolling stock on the track

Mainly Trains

MT152	4	4.50	Sawtooth canopy valancing	4 pieces, each 81mm long x 12mm deep
MT153	16	3.00	Canopy brackets	8 pairs of brackets for platform canopies etc.
MT154	3	3.00	Ladders	4mm x 4mm rung/stile spacing, 130mm long
MT158	4	5.10	Keyhole canopy valancing	4 pieces, each 87mm long x 13mm deep
MT159	4	3.90	Ladders	3mm x 3mm rung/stile spacing, 134mm long
MT244	1	3.00	GWR buffer stop	Whitemetal castings and wooden cross-beam
MT247	1	9.00	GWR buffer stop	Lost wax brass castings for strength
MT258	12	6.90	MR water tank panels	Includes framing, pipe flanges and ladder
MT261	1	3.60	Garden fencing & gates	176mm of wrought iron railings, 10mm tall, and 2 matching gates
MT262	1	4.20	Picket fencing & gates	200mm of fencing, 12mm tall, and 2 matching gates
MT263	1	4.80	Spear-topped railings & gates	212mm of railings, 12mm tall, and 2 matching gates
MT264	1	9.00	Spear-topped railings & gate	188mm of railings, 22mm tall, and matching double gate
MT265	1	9.00	Fleur-de-lys topped railings & gates	212mm of railings, 18mm tall, and 2 matching gates
MT266	1	4.50	Two bay windows & a front door	Sash windows to front and sides with a 3-light door
MT267	8	9.00	Ornamental gates	Wrought iron gates; 2 each of 4 designs
MTBB09	8	4.50	4 pane arched industrial windows	18mm wide x 34mm tall
MTBB13	15	4.50	Hopper windows	Modern style, 3 each of 5 sizes
MTBB33	16	4.20	Small square 16 pane windows	20mm wide x 20mm tall; based on Swanage engine shed

Markits

4TRGEM	1	5.10	EM roller track gauge	For code 75 rail
4TRG0075	1	5.10	00 roller track gauge	For code 75 rail
4TRG00100	1	5.10	00 roller track gauge	For code 100 rail

Slater's

1437	1	5.10	00 track gauge	Three-point gauge for automatic gauge widening on curves; for code 75 rail
4A09	30	6.90	Wire fence posts	4-wire type; use LS08/3 or fishing line for the wire

Smiths

SF04	1	7.20	GWR rail-built loading gauge	Cast post and etched brass gauge and details
SF08	1	8.40	Weighbridge plate & barrier	Pooley design suitable for GWR, LMS, LNER, SR
SF11	1	6.60	MR wooden post loading gauge	As SF04 above
SF12	1	6.00	Pooley GWR weighbridge plate	In etched brass
SF13	1	6.00	Spencer MR weighbridge plate	In etched nickel silver
SS3	10	6.00	LNER/BR speed restriction signs	Etched brass cut-out type; with posts & arrows for diverging junctions

Springside

DA58	12	9.90	Fire buckets and racks	12 buckets and 2 racks cast in whitemetal
DA73	9	4.80	Coal sacks & scales	Comprising 5 full sacks, 3 piles of empty sacks and a set of scales

Wizard Models

GVB1	1	18.00	Grounded van body kit – CR D67	Whitemetal sides and ends, planked plasticard roof
GVB2	1	14.10	Grounded van body kit – GSWR D28	Whitemetal sides and ends, planked plasticard roof
GVB3	1	10.50	Grounded van body kit – GCR D76	Whitemetal sides and ends, planked plasticard roof
GVB4	1	13.50	Grounded van body kit – NBR D59	Whitemetal sides and ends, planked plasticard roof
GVB5	1	12.00	Grounded van body kit – NER Dia. G2	Whitemetal sides and ends, planked plasticard roof
LS001	1	1.50	LSWR/SR signs	Etched brass lineside warnings, bridge signs & station notices etc.
LS002	2	6.60	35' yard lamps (dummy)	Cast lamps & square wood posts, etched ladder; for general use
LS003	1	1.50	GWR station/lineside signs	Typical station door signs & footbridge notices etc.
LS004	1	5.40	NER detail sheet	Mileposts, notices etc.; also includes 20T hopper brake gear, slotted signal parts
LS0010	10	3.00	Lamp housings	As found on platform lamps, yard lamps etc.
LS0016	5	2.70	Tramway pole finials	Ball and spike finial used by many tramways
LS0030	6m	27.00	Copper-clad strip for sleepers	20 pieces 300mm long x 1.6mm thick x 3.3mm wide
LS0031	6m	28.50	Copper-clad strip for turnout timbers	As above, but 4.0mm wide

Code		Quantity	Price (£)	Item	Description
LS0040	4 or 1	3.00		Lattice girders or post	99mm long – use as 4 girders or 1 post; ideal wagon loads
TBE001	3	13.50		Ladders for buildings and tall signals	Straight ends, 9" tread, maximum height 58'; jig-built type
TBE002	3	13.50		Ladders for buildings and LNWR signals	As above, but with curved ends to suit LNW straight post and bracket signals
TBE002B	3	13.50		Ladders for buildings and tall signals	Horseshoe ends
TBE003	3	13.50		Ladders for buildings and tall signals	Quadrant ends
TBE006	37	3.90		Manhole covers and grates - type 1	Older styles for roads, pathways etc.
TBE007	36	3.90		Manhole covers and grates - type 2	Modern styles
TBE008	34	3.60		Drainage grids and channel covers	Used on streets, roadways and railway platforms, arcades, supermarkets etc.
TBE009	5	2.40		Round chimney pots	Range of chimney pots based on observations and measurements in NW England
TBE010	10	2.40		Square chimney pots	
TFF001	1	6.00		Picket fencing	Includes two heights of fence, sufficient for approximately 35 scale feet
TFF002	1	4.50		Round top fencing	Suitable for a wide range of decorative fencing, enough for approx. 35 scale feet
TFF003	1	5.10		Round top interlaced fencing	As above
TFF004	1	5.10		Square top fencing	As above
TFF005	6	6.00		Steel gates - round profile	Round gate seen on farms, country parks, depots and factories
TFF006	6	5.40		Steel gates - square profile	As above
TFF007	6	6.00		Steel gates - square profile with bar	As above
TFF008	2	4.50		Local Authority style post and wire fencing	Curved posts, supplied with nickel silver 0.3mm wire; enough to make 66' of fence
TFF009	2	4.50		Local Authority style post and wire fencing	As above, with straight posts
TFF010	5	10.50		Wooden gates	Range of gates seen on farms, country parks etc.
TFF011	2	4.50		Steel kissing gate (stile)	Commonly seen on public footpaths, rights of way etc.; includes base plate
TFF012	1	4.50		Plain fencing	A non-decorative type of fence seen at stations, road bridges etc.
TFF013	1	4.50		Stair fencing for steps	Angled version of the above
TFF014	4	21.00		LNWR stock proof fencing, 192 scale feet	5 bar design manufactured from old sleepers, seen on other companies, farms etc.

7mm Scale

Smiths

OF05	10	9.00		LNER/BR speed restriction signs	Etched brass cut-out type; with posts & arrows for diverging junctions

Springside

7MM14	5	9.90		Milk churns	Old style conical churns

Wizard Models

LS01	1	5.40		LSWR/SR signs	Etched brass lineside warnings, bridge signs & station notices etc
LS03	1	4.80		GWR station/lineside signs	Typical station door signs & footbridge notices etc
LS010	1	3.60		Canopy fascia - ogee	For station & other building construction; 189mm long
LS013	4	4.50		Taff Vale brackets	For supporting platform canopies etc
LS031	6m	27.00		Copper-clad strip for turnout timbers	20 pieces 300mm long x 1.6mm thick x 7.0mm wide
LS0040	4 or 1	3.60		Lattice girders or post	99mm long – use as 4 girders or 1 post; ideal wagon loads
LS061	3	2.40		Chimney pots	Slotted cowl type, in use from 1900 onwards on railway and domestic buildings
TBE706	37	10.50		Manhole covers and grates - type 1	Older styles for roads, pathways etc.

Part H) Tools and Materials etc.

2mm Scale

Gaugemaster

GM59	1	24.00		Locomotive wheel cleaning brush	Place on the track, put the loco on top and run. 75mm long, DCC compatible

4mm Scale

Bill Bedford

E017/4	1	6.90		4mm scale handrail bending jig	Makes perfect handrails from scale 3" to 53" long, in ½" steps; max. diameter around 0.6mm
E019/4	1	6.90		4mm scale handrail bending jig	As above, but in lengths from 42" to 173½"

Gaugemaster

GM60	1	27.00		Locomotive wheel cleaning brush	Place on the track, put the loco on top and run. 100mm long – connect 2 units for longer locos. DCC compatible

7mm Scale

Bill Bedford

E017/7	1	9.00		7mm scale handrail bending jig	Makes perfect handrails from scale 3" to 53" long, in ½" steps; max. diameter around 1.1mm

Most/All Scales

Gaugemaster

GM01	20g	6.00		70°C solder	Lead/cadmium/bismuth alloy – for soldering whitemetal
GM02	20g	6.00		188°C solder	Tin/lead alloy – for general work in brass and nickel silver
GM06	20g	6.60		145°C solder	Tin/lead/cadmium alloy - useful for lower temperature detailing work
GM24	1	6.60		Aluminium oxide track rubber (small)	For track cleaning and burnishing brass frets etc. Size 50mm x 25mm x 20mm (approx.)
GM25	1	9.60		Aluminium oxide track rubber (large)	Larger version of the above – 80mm x 50mm x 20mm (approx.)
GM26	1	4.50		Track rubber	Budget version of GM24 above
GM60	1	24.90		Locomotive wheel cleaning brush	Place on the track, put the loco on top and run. 100mm long – connect 2 units for longer locos. DCC compatible
GM66	50g	3.60		Hornby-type track pins	Blackened steel pins, approx. 11mm long x 1mm diameter
GM67	50g	3.60		Extra-long track pins	As above, but 16mm long
GM633	1	6.60		Glass fibre pencil	For general cleaning prior to soldering or painting
GM634	10	11.70		Glass fibre refills	Refills for the above

Mainly Trains

MT450	20	2.40		Brass split pins, 1/32" x 5/32"	
MT451	20	1.20		Steel split pins, 1/32" x 1/2"	

Code		Quantity	Price (£)	Item	Description
MT570	9	4.50	0.005” etched brass silver strips		130mm long strips, etched to exactly 1.0mm, 2.0mm and 3.0mm wide (3 of each)
MT571	9	4.50	0.010” etched brass silver strips		As above
MT572	9	6.60	0.010” etched nickel silver strips		As above
MT573	9	5.40	0.012" etched phosphor bronze strips		As above
MT580	1m	1.20	Fibre optic		0.45mm diameter
Markits					
NUTSPINNER	6	33.00	6, 8, 10, 12, 14 & 16BA nut spinners		In plastic wallet with brass handle. Now includes a wheel screwdriver!
Slater’s					
1002	50	5.70	0.010" x 0.020" microstrip		Approx. 50 pieces, each 10" long
1005	50	5.70	0.020" x 0.020" microstrip		As above
1008	50	5.70	0.020" x 0.040" microstrip		As above
1209	36"	7.50	Fine chain		24 links per inch brass chain
1220	10 x 6"	6.30	Phosphor bronze strip		1/16 x 0.005" phosphor bronze strip. Ideal for loco pickups etc
Wizard Models					
6BA1/2B	10	3.00	Brass screws, nuts and washers		6BA, 1/2", round head
6BA1/4S	10	3.00	Steel screws, brass nuts and washers		6BA, 1/4", round head
8BA1/2	10	6.90	Brass screws, nuts and washers		8BA, 1/2", cheesehead
8BA1/4	10	6.90	Brass screws, nuts and washers		8BA, 1/4", cheesehead
8BA5/4	10	9.90	Brass screws & nuts		8BA, 1 1/4", cheesehead, for fixing roofs to underframes
10BA1/2	10	7.50	Brass screws, nuts and washers		10BA, 1/2", cheesehead
10BA1/4	10	7.50	Brass screws, nuts and washers		10BA, 1/4", cheesehead
12BA1/2	10	12.00	Brass screws, nuts and washers		12BA, 1/2", cheesehead
12BA1/4	10	8.10	Brass screws, nuts and washers		12BA, 1/4", cheesehead
14BA1/2	10	12.90	Brass screws, nuts and washers		14BA, 1/2", cheesehead
14BA1/4	10	12.00	Brass screws, nuts and washers		14BA, 1/4", cheesehead
16BA1/4	10	12.60	Brass screws and nuts		16BA, 1/4", cheesehead (may be roundhead depending on available supplies)
M1x6	10	6.60	Brass screws and nuts		M1, 6mm cheesehead
M2x6	10	1.50	Brass screws and nuts		M2, 6mm pan head; as used in Comet carriage kits
M2x10	10	2.40	Brass screws and nuts		M2, 10mm pan head; as used in Comet loco chassis kits
M2.5x5	10	2.40	Brass screws and nuts		M2.5, 5mm pan head
M2.5x12	10	3.60	Brass screws and nuts		M2.5, 12mm pan head; as used in Comet carriage bogie kits
M3x12	10	3.00	Brass screws and nuts		M3, 12mm cheesehead
GLAZ	4	6.00	Window glazing		240 x 24 x 0.5mm cast clear sheet for glazing coaches, locos, buildings etc
GLOVES	1 pair	1.50	White cotton gloves		Pair of white cotton gloves, to prevent finger marks when handling and weathering models
PASTELS	12	4.20	Weathering pastels		Box of 12 assorted artists' pastels for simple, rapid weathering of all items. **If purchasing by mail order, please note that the pastel sticks might break in the post, but are still usable.**
P10	1	0.54	0.010" plastic card		White polystyrene, 33 x 23cm approx.
P20	1	0.78	0.020" plastic card		White polystyrene, 33 x 23cm approx.
P30	1	1.14	0.030" plastic card		White polystyrene, 30 x 23cm approx.
P40	1	1.50	0.040" plastic card		White polystyrene, 30 x 23cm approx.
PG20	1	4.20	0.020" plastic glazing		Polystyrene, 33 x 22cm approx.
PG40	1	4.20	0.040" plastic glazing		Polystyrene, 33 x 22cm approx.
PPK	1	3.90	Planked plastic card		2mm plank spacing; sheet 30 x 20cm approx., 0.024" thick
SCISSORS	1	3.90	Fret cutting scissors		Will cut up to 18thou thick brass and nickel silver
SSW10	3m	1.50	Spring steel wire - 0.010"		For making sprung suspensions
SSW12	3m	1.50	Spring steel wire - 0.012"		
ST316	10	1.20	Self-tapping screws		Steel, 3/16" long
W03	10	3.00	Brass wire - 0.3mm		Ten 30cm lengths of straight 0.30mm diameter brass wire
W05	10	3.90	Brass wire - 0.5mm		Ten 30cm lengths of straight 0.51mm diameter brass wire
W08	10	4.80	Brass wire - 0.8mm		Ten 30cm lengths of straight 0.80mm diameter brass wire
W09	10	5.40	Brass wire - 0.9mm		Ten 30cm lengths of straight 0.90mm diameter brass wire
W10	10	6.00	Brass wire - 1.0mm		Ten 30cm lengths of straight 1.00mm diameter brass wire

Much more information on our products can be obtained at www.wizardmodels.ltd, which is also an on-line shop.