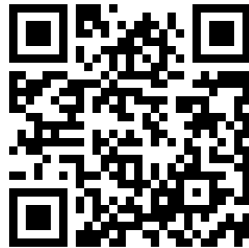


# **SLATER'S PLASTIKARD**

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Web Site: [www.slatersplastikard.com](http://www.slatersplastikard.com)**



## **Price List**

**Updated to Include  
New Items and Prices**

***1 March 2020***

# CONTENTS

Plastikard.....	2
Miscellaneous Materials (inc. Track).....	5
Slater's Plastikard Publications.....	6
2mm Scale Section.....	6
3mm Scale Section.....	6
4mm Scale Section.....	6
7mm Scenic Accessories.....	8
7mm Wagon Kits.....	8
7mm Coach Kits.....	11
Gearboxes and Motors.....	13
7mm Locomotive Kits.....	14
7mm Transfers.....	15
7mm Narrow Gauge Section.....	16
Gauge 1 Section.....	17
1:32 Scale Narrow Gauge Section.....	17
Gauge 3 Section.....	17
16mm Scale Narrow Gauge Section.....	17
7/8" Scale Narrow Gauge Section.....	19
5" Gauge Section.....	19
7mm <b>Wheels</b> .....	20
Larger Scale <b>Wheels</b> .....	29

## PLASTIKARD

Inc. VAT Exc.VAT

### PLASTIKARD PLAIN SHEET (Trade quantities in brackets)

010A	Assorted pack containing one sheet of each 0.010", 0.015", 0.020", 0.030", 0.040", 0.060" in white only	12.50	10.42
0110	0.010" (0.25mm) x 330mm x 220mm sheet White (20)	1.20	1.00
0115	0.015" (0.38mm) x 330mm x 220mm sheet White (20)	1.50	1.25
0115B	0.015" (0.38mm) x 330mm x 220mm sheet Black (20)	1.50	1.25
0120	0.020" (0.50mm) x 330mm x 220mm sheet White (15)	1.60	1.33
0120B	0.020" (0.50mm) x 330mm x 220mm sheet Black (15)	1.60	1.33
0130	0.030" (0.75mm) x 330mm x 220mm sheet White (10)	2.10	1.75
0130B	0.030" (0.75mm) x 330mm x 220mm sheet Black (10)	2.10	1.75
0140	0.040" (1.00mm) x 330mm x 220mm sheet White (10)	2.60	2.17
0140B	0.040" (1.00mm) x 330mm x 220mm sheet Black (10)	2.60	2.17
0160	0.060" (1.50mm) x 330mm x 220mm sheet White (5)	3.50	2.92
0160B	0.060" (1.50mm) x 330mm x 220mm sheet Black (5)	3.50	2.92
0180	0.080" (2.00mm) x 330mm x 220mm sheet White (5)	4.45	3.71

### PLASTIKARD PLAIN SHEET IN LARGER SIZES

X0110DS	0.010" x 660mm x 220mm sheet White only	2.40	2.00
X0115DS	0.015" x 660mm x 220mm sheet White or Black	3.00	2.50
X0120DS	0.020" x 660mm x 220mm sheet White or Black	3.20	2.67
X0130DS	0.030" x 660mm x 220mm sheet White or Black	4.20	3.50
X0140DS	0.040" x 660mm x 220mm sheet White or Black	5.20	4.33
X0160DS	0.060" x 660mm x 220mm sheet White or Black	7.00	5.83
X0180DS	0.080" x 660mm x 220mm sheet White only	8.90	7.42
X0110QS	0.010" x 660mm x 440mm sheet White only	4.80	4.00
X0115QS	0.015" x 660mm x 440mm sheet White or Black	6.00	5.00
X0120QS	0.020" x 660mm x 440mm sheet White or Black	6.40	5.33
X0130QS	0.030" x 660mm x 440mm sheet White or Black	8.40	7.00
X0140QS	0.040" x 660mm x 440mm sheet White or Black	10.40	8.67
X0160QS	0.060" x 660mm x 440mm sheet White or Black	14.00	11.67
X0180QS	0.080" x 660mm x 440mm sheet White only	17.80	14.83
X0110HS	0.010" x 660mm x 675mm per sheet (White only)	7.20	6.00
X0115HS	0.015" x 660mm x 675mm per sheet (White or Black)	9.00	7.50
X0120HS	0.020" x 660mm x 675mm per sheet (White or Black)	9.60	8.00
X0130HS	0.030" x 660mm x 675mm per sheet (White or Black)	12.60	10.50
X0140HS	0.040" x 660mm x 675mm per sheet (White or Black)	15.60	13.00
X0160HS	0.060" x 660mm x 675mm per sheet (White or Black)	21.00	17.50
X0180HS	0.080" x 660mm x 675mm per sheet (White only)	26.70	22.25
X0110FS	0.010" X 660mm x 1350mm per sheet (White only)	14.40	12.00
X0115FS	0.015" X 660mm x 1350mm per sheet (White or Black)	18.00	15.00
X0120FS	0.020" X 660mm x 1350mm per sheet (White or Black)	19.20	16.00
X0130FS	0.030" X 660mm x 1350mm per sheet (White or Black)	25.20	21.00

		Inc. VAT	Exc.VAT
X0140FS	0.040" X 660mm x 1350mm per sheet (White or Black)	31.20	26.00
X0160FS	0.060" X 660mm x 1350mm per sheet (White or Black)	42.00	35.00
X0180FS	0.080" X 660mm x 1350mm per sheet (White only)	53.40	44.50

Please state which colour is required. Carriage: Double sized sheets (DS suffix) are sent by normal post (at cost) but Quadruple (QS), Half Sized (HS) and Full Sized (FS) sheets have to be despatched by carrier (at cost).

### **PLASTIKARD COLOURED SHEET (Trade quantities in brackets)**

0201	0.020" x 220mm x 330mm Pillar Box Red (10)	2.00	1.67
0202	0.020" x 220mm x 330mm Light Blue (10)	2.00	1.67
0203	0.020" x 220mm x 330mm Dark Blue (10)	2.00	1.67
0204	0.020" x 220mm x 330mm Yellow (10)	2.00	1.67
0205	0.020" x 220mm x 330mm Green (10)	2.00	1.67
0206	0.020" x 220mm x 330mm Cream (10)	2.00	1.67
0207	0.020" x 200mm x 300mm Brick Red (10)	2.00	1.67
0208	0.020" x 200mm x 300mm Concrete (10)	2.00	1.67
0209	Assorted Plastikard pack containing one sheet of each of the above plus one black and one white	19.20	16.00

Please note that the brick red and concrete are sized differently to the others and the size can vary. Colours, except brick red and concrete, can be supplied in larger sizes as per standard white sheets - please add the appropriate suffix eg. DS, QS etc.

### **PLASTIGLAZ CLEAR SHEET (Trade pack is 10 sheets)**

0310	0.010" x 210mm x 297mm approximately	2.75	2.29
0312	0.040" x 220mm x 330mm approximately	3.36	2.80
0314	0.020" x 220mm x 330mm approximately	3.15	2.63

### **EUROPEAN STYLE MOULDED PLASTIKARD**

0311	Dutch Pantile (old type) (pack of 2 pieces 7cm x 17cm)	7.80	6.50
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### **EMBOSSSED PLASTIKARD - approximately 300mm x 174mm\* (Trade pack 10)**

0399	4mm English Bond Brick Red	3.15	2.63
0400	7mm English Bond Brick Red	3.15	2.63
0401	4mm Brick Red	3.15	2.63
0402	2mm English Bond Brick Red	3.15	2.63
0403	4mm Brick Grey	3.15	2.63
0404	7mm Brick Red	3.15	2.63
0406	7mm Brick Grey	3.15	2.63
0407	4mm Flemish Bond Brick Red	3.15	2.63
0409	4mm Flemish Bond Brick Grey	3.15	2.63
0410	7mm Flemish Bond Brick Red	3.15	2.63
0411	7mm Cotswold Stone (*sheet size approximately 290mm x 170mm)	3.80	3.17
0412	7mm Flemish Bond Brick Grey	3.15	2.63
0413	2mm Paving Grey	3.15	2.63
0414	4mm Paving Grey	3.15	2.63
0415	7mm Dressed Stone (*sheet size approximately 290mm x 170mm)	3.80	3.17
0416	7mm Paving Grey	3.15	2.63
0417	4mm Granite Setts Grey	3.15	2.63
0418	7mm Granite Setts Grey	3.15	2.63
0419	Stone Courses Grey Medium (for 4mm and 2mm scale)	3.15	2.63
0420	Stone Courses Grey Large (for 7mm scale)	3.15	2.63
0421	Randon Grey Stone	3.15	2.63
0422	Stone Courses Small Grey (for 2mm scale)	3.15	2.63
0423	Flint/Random Pebble Walling (for 7mm and 4mm scale)	3.15	2.63
0424	Dressed Stone Grey (for 4mm scale)	3.15	2.63
0425	4mm Roofing Tile Red	3.15	2.63
0426	4mm Roofing Tile Grey	3.15	2.63
0427	4mm Slating Grey	3.15	2.63
0428	7mm Roofing Tile Red	3.15	2.63
0429	7mm Roofing Tile Grey	3.15	2.63
0431	Rivets White	3.15	2.63
0432	1mm Spaced Planking Grey	3.15	2.63
0433	2mm Spaced Planking Grey	3.15	2.63

		Inc. VAT	Exc.VAT
0434	4mm Spaced Planking Grey	3.15	2.63
0435	Dressed Stone Grey (for 2mm scale)	3.15	2.63
0436	4mm Scale Corrugations White	3.15	2.63
0437	7mm Scale Corrugations White	3.15	2.63
0438	4mm Roof Tile (Scalloped Shell Type) Red	3.15	2.63
0440	Pantile Roof Large (for 7mm scale) Red	3.15	2.63
0441	Pantile Roof Medium (for 4mm scale) Red	3.15	2.63
0442	2mm Roofing Tile Grey	3.15	2.63
0443	3mm Roofing Tile Grey	3.15	2.63
0444	2mm Pantile Roofing Red	3.15	2.63
0445	3mm Brick Red 1:100 scale	3.15	2.63
0446	4mm Chequer Plate	3.15	2.63
0447	Double Treadplate 1:50 scale	3.15	2.63
0448	Double Treadplate 1:25 scale	3.15	2.63
0449	Single Treadplate 1:100 scale	3.15	2.63
0450	Single Treadplate 1:50 scale	3.15	2.63
0451	Single Treadplate 1:25 scale	3.15	2.63
0452	Shiplap	3.15	2.63
0453	Treadplate HO Scale 1:87scale	3.15	2.63
0454	4mm Brick Paving	3.15	2.63

### **PLASTIC ROD (Trade pack 5)**

0600	Assorted Plastic Rod 24 x 10" lengths per pack	5.25	4.38
0610	0.010" Plastic Rod 12 x 10" lengths per pack	4.20	3.50
0620	0.020" Plastic Rod 12 x 10" lengths per pack	4.20	3.50
0630	0.030" Plastic Rod 12 x 10" lengths per pack	4.20	3.50
0640	0.040" Plastic Rod 12 x 10" lengths per pack	4.20	3.50
0650	0.050" Plastic Rod 12 x 10" lengths per pack	4.20	3.50
0660	0.060" Plastic Rod 12 x 10" lengths per pack	4.20	3.50
0680	0.080" Plastic Rod 12 x 10" lengths per pack	4.20	3.50
06100	0.100" Plastic Rod 12 x 10" lengths per pack	4.20	3.50

### **MICROSTRIP (Trade pack 5)**

1001	Assorted Microstrip (50 per packet)	5.00	4.17
1002	0.010" x 0.020" Microstrip White (50 per packet)	4.50	3.75
1003	0.010" x 0.025" Microstrip White (50 per packet)	4.50	3.75
1004	0.010" x 0.030" Microstrip White (50 per packet)	4.50	3.75
1005	0.020" x 0.020" Microstrip White (50 per packet)	4.50	3.75
1005B	0.020" x 0.020" Microstrip Black (50 per packet)	4.50	3.75
1006	0.020" x 0.025" Microstrip White (50 per packet)	4.50	3.75
1007	0.020" x 0.030" Microstrip White (50 per packet)	4.50	3.75
1008	0.020" x 0.040" Microstrip White (50 per packet)	4.50	3.75
1009	0.030" x 0.030" Microstrip White (30 per packet)	4.50	3.75
1009B	0.030" x 0.030" Microstrip Black (30 per packet)	4.50	3.75
1010	0.040" x 0.040" Microstrip White (30 per packet)	4.50	3.75
1010B	0.040" x 0.040" Microstrip Black (30 per packet)	4.50	3.75
1011	0.060" x 0.060" Microstrip White (30 per packet)	4.50	3.75
1012	0.060" x 0.157" Microstrip White (10 per packet)	4.50	3.75
1013	0.060" x 0.276" Microstrip White (10 per packet)	4.50	3.75
1014	0.015" x 0.052" Microstrip White (50 per packet)	4.50	3.75
1015	0.020" x 0.079" Microstrip White (50 per packet)	4.50	3.75
1016	0.010" x 0.040" Microstrip White (50 per packet)	4.50	3.75

### **MOULDED PLASTIC ALPHABETS (Trade pack 5)**

1102	2mm high Letters and Numerals, White	4.50	3.75
1103	3mm high Letters and Numerals, White	4.50	3.75
1105	5mm high Letters and Numerals, White	4.65	3.88
1106	6mm high Letters and Numerals, White	4.65	3.88
1107	7mm high Station Nameboard Lettering & Numerals, White	7.20	6.00
1108	8mm high Letters and Numerals, White	5.25	4.38
1108B	8mm high Letters and Numerals, Black	5.25	4.38
1113	G Scale (13.5mm high) Station Nameboard Lettering, White	12.50	10.42
1116	SM32 (16mm high) Station Nameboard Lettering, White	15.00	12.50

**MEK-PAK POLYSTYRENE CEMENT (Trade pack in brackets)**

0502	Mek-Pak 50ml bottle (10)	5.30	4.42
0503	Mek-Pak 475ml can (1)	27.00	22.50
0505	Mek-Pak Brush ( 6)	3.85	3.21
0510	Track Cleaner (10)	5.30	4.42
MEKHOLDER	Mek-Pak Holder	NYA	NYA

**NONE FERROUS FLUX (For Brass/Nickle Silver/White Metal)  
(Trade pack in brackets)**

0506	Flux 50ml bottle (10)	4.05	3.38
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**SCENIC SCATTER MATERIAL**

SC1	50gm Spring Green (10)	2.20	1.83
SC2	50gm Summer Green (10)	2.20	1.83
SC3	50gm Dark Green (10)	NYA	NYA
SC4	50gm Natural (Dead Grass) (10)	2.20	1.83
SC5	50gm Moorland Mixture (10)	2.20	1.83
SC6	50gm Light Earth (10)	2.20	1.83
SC7	50gm Dark Earth (10)	2.20	1.83
SC8	50gm Black/Tarmac (10)	2.20	1.83
SC9	50gm Dark Grey (10)	2.20	1.83
SC10	50gm Light Grey (10)	2.20	1.83

**MISCELLANEOUS MATERIALS****BRASS WIRE ETC. (Trade pack 5)**

1209	Fine Brass Chain 24 links per inch 36" per packet	5.95	4.96
1213	0.020" (0.5mm) Brass Wire 10 x 12" lengths per pack	3.90	3.25
1214	0.030" (0.75mm) Brass Wire 10 x 12" lengths per pack	3.90	3.25
1215	0.040" (1.00mm) Brass Wire 10 x 12" lengths per pack	4.00	3.33
1216	0.060" (1.50mm) Brass Wire 10 x 12" lengths per pack	4.25	3.54
1217	0.080" (2.00mm) Brass Wire 10x 12" lengths per pack	6.00	5.00
1220	1/16" x 0.005" Phosphor Bronze strip 10 x 6" lengths/pack	4.80	4.00

**TRACK BALLAST**

1398	O Gauge Ballast	NYA	NYA
1399	OO Gauge Ballast	NYA	NYA

**RAIL (packed in 20 x 18" lengths) (Trade pack 5)**

1403	Code 100 Bullhead Rail nickel silver for 'OO' Gauge	17.75	14.79
1404	Code 125 Bullhead Rail nickel silver 'O' Gauge	17.75	14.79
1404S	Code 125 Bullhead Rail steel 'O' Gauge	17.75	14.79
1408	Code 100 Flatbottom Rail nickel silver 'OO' Gauge	13.50	11.25

*The following items are all designed to be used with our scale Code 125 Bullhead rail (ref.1404):*

**PLYWOOD SLEEPERS** 1/16" thick cut and punched ready for our cosmetic chairs and rivets

71440A	9' 0" x 10" Sleepers for Scale 7, (100)	7.00	5.83
71440B	9' 0" x 10" Pre-Group Sleepers for 32mm gauge, (100)	7.00	5.83
71441A	8' 6" x 10" Sleepers for Scale 7, (100)	7.00	5.83
71441B	8' 6" x 10" Post Group Sleepers for 32mm gauge, (100)	7.00	5.83
71443	300mm x Scale 12" wide Plain Crossing Timbers (25)	8.00	6.67
71444	300mm x Scale 14" wide Plain Crossing Timbers (25)	8.00	6.67

**OTHER TRACK MATERIALS**

71450	Track and Point Rivets in Brass (100)	11.00	9.17
71457	Midland Railway 1896 pattern 4 bolt cosmetic chairs and keys. Injection moulded in polystyrene (100)	6.00	5.00
71510	"Roller" Track and Check Gauge (combined) (O Gauge Finescale)	8.80	7.33
71513	Check Rail Gauge	8.80	7.33

**7MM SCALE TRACK DRAWINGS**

P85/126B	12' switch 1 in 6 crossing (equivalent to a modern B6 turnout)	5.00	4.17
T85/1268B	Tandem point 1 in 8 (R) /C/1 in 6 (L)	5.00	4.17
D85/6B	1 in 6 Diamond Crossing	5.00	4.17

		Inc. VAT	Exc.VAT
SS85/6B	1 in 6 Single Slip	5.00	4.17
DS85/6B	1 in 6 Double Slip	5.00	4.17
<b>SLATER'S PLASTIKARD PUBLICATIONS</b>			
0010	Track Manual 'Construction without Tears'	–	6.00

## 2mm SCALE SECTION

### 2MM SCALE 'HUMINIATURES' Unpainted ( Trade pack in brackets)

2A01	20 Assorted Standing Figures (5)	4.75	3.96
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### 2MM SCALE SCENIC ACCESSORIES ( Trade pack in brackets)

2A02	MR Station Fencing Diagonal Slats (white) 8 x 70mm (5)	5.10	4.25
2A03	MR Station Fencing Diagonal Slats (brown) 8 x 70mm (5)	5.10	4.25
2A04	Lineside Fencing (white) 2 x 135mm (5)	5.10	4.25
2A05	Lineside Fencing (brown) 2 x 132mm (5)	5.10	4.25
2A06	Station Awning 2 x 150mm (5)	5.10	4.25
2A07	GWR Vertical Paling Station Fencing with Gates 2 x 130mm (5)	5.10	4.25

## 3mm SCALE SECTION

### 3MM SCALE 'HUMINIATURES' Unpainted ( Trade pack in brackets)

3A01	50 Assorted Standing Figures (5)	4.90	4.08
3072	Wagon Couplings (10 pairs/pack) (5)	4.80	4.00

## 4mm SCALE SECTION

### 4MM SCALE BUFFERS (Trade Packs of 3)

4902	L & Y (3)	8.00	6.67
4903	LMS Standard 16" diameter head (3)	8.00	6.67
4904	Pre-Group Round base parallel (3)	8.00	6.67
4905	LNWR (3)	8.00	6.67
4906	GWR Collett parallel (3)	8.00	6.67
4907	GWR early Collett type (3)	8.00	6.67
4908	GWR Dean/Churchward/Armstrong (3)	8.00	6.67
4909	LNER/SR Stepped parallel (3)	8.00	6.67
4910	Drummond standard LSWR/HR/CR/GSWR (3)	8.00	6.67
4912	MR Clayton coach (3)	8.00	6.67
4913	GWR coach square base (3)	8.00	6.67

### 4MM SCALE ROLLING STOCK FITTINGS

4072	Tension Lock Couplings (Pack of 10)	5.85	4.88
4076	LMS/MR Loco Brake Shoes 12each Left/Right (5)	4.50	3.75
4080	MR Tender Axleboxes 6/pack (5)	5.20	4.33
4081	LMS Tender Axleboxes 6/pack (5)	5.20	4.33
4151	3 Link Couplings (10 pairs/pack) (5)	12.00	10.00
41550	MR Compensated W Irons, etched brass, with plastic axleboxes & springs	6.00	5.00
41554	1923 RCH Compensated W Irons, etched brass, with plastic axleboxes & springs	6.00	5.00
4200	MR Coach Door and Grab Handles (cast brass) for 6 doors	6.00	5.00
4203	MR/GWR Coach Seats (Non-Corridor) Pack of 12	6.10	5.08
4204	Corridor Connections (pair) Etched brass with folded black paper	NYA	NYA
4965	Brass MR Johnson locomotive numerals 6 each 0-9 plus 'A'/set	5.00	4.17
4980	MR Round top backplate (3)	3.10	2.58

### 4MM TRACK GAUGE

1437	Track gauge 16.5mm for code 75 rail	4.60	3.83
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### 4MM SCALE 'HUMINIATURES' Unpainted (Trade pack in brackets)

4A03	4 Locomotive Crew Standing (5)	3.60	3.00
4A26	48 Assorted Seated and Standing Figures (5)	9.00	7.50
4A27	24 Seated Figures (5)	8.00	6.67

### 4MM SCALE SCENIC ACCESSORIES (Trade pack in brackets)

4A05	GWR Station Fencing Vertical Slats 6 x 130mm (5)	6.00	5.00
4A06	GWR Station Fencing, Ramps and Gates 2 x 65m (5)	5.50	4.58



		Inc. VAT	Exc.VAT
1014	Microstrip 'Rails' for above 0.052" x 0.015" (5)	4.30	3.58
4A09	'Wire' Fencing Posts, 30 posts (5)	5.50	4.58
0610	'Wire' for above: 0.010" Plastic Rod 12 x 10" lengths per pack	4.00	3.33
4A10	MR Station Fencing, Diagonal Slats 30" 6 x 145mm (5)	6.00	5.00
4A11	MR Station Fencing, Ramps and Gates 2 x 70mm (5)	5.55	4.63
4A15	Assorted Luggage 18 pieces (5)	4.80	4.00
4A16	Fire Buckets and Stand, pack of 12 (5)	4.15	3.46
4A18	GWR Station Valencing 2 x 150mm (5)	5.55	4.63
4A19	MR Station Valencing 2 x 153mm (5)	5.55	4.63
4A20	Cement Bags (pack of 10) (5)	4.30	3.58
4A21	Flour Sacks pack of 10 (5)	4.30	3.58
4A22	Barrels pack of 10 (5)	4.30	3.58
4A23	Horse Drawn Goods Delivery Dray Kit (5)	7.95	6.63
4A24	Unpainted Cart Horse (5)	4.30	3.58
4A25	Potato Sacks pack of 10 (5)	4.30	3.58
M4500	NE Buffer Stop sides in cast brass (1)	5.10	4.25
4A35	Plain Round Chimney Pot, set of 4 (cast brass)	6.45	5.38
4A36	Square Chimney Pot, set of 4 (cast brass)	6.45	5.38
4A37	Fancy Octagonal Chimney Pot, set of 4 (cast brass)	6.80	5.67
4A38	Surface Water Drain Pipe Clips, set of 9 (cast brass)	4.35	3.63
4A39	Foul Water Drain Pipe Clips, Junctions and Ventilator, 5 items (cast brass)	4.95	4.13

## 4mm SCALE WAGON KITS

PLEASE NOTE - 4mm SCALE WAGON KITS DO NOT COME COMPLETE WITH THE WHEELS

4024	MR 10 ton Covered Van	12.00	10.00
4024F	MR 10 ton Covered Fruit Van	12.00	10.00
4026	MR 8 ton High Sided Coke Wagon	9.00	7.50
4027	MR 8 ton 5 Plank Mineral Wagon (side door)	9.00	7.50
4029	MR 8 ton 3 Plank Drop side wagon	9.00	7.50
4030	MR 8 ton Box Van	12.00	10.00
4031	MR Long Cattle Wagon	12.00	10.00
4032	MR 4 Wheel 10 ton Brake Van	12.00	10.00
4035	Gloucester 6 Plank Private Owner Wagon (side door)	NYA	NYA
4036	Gloucester 6 Plank Private Owner Wagon (side and end door)	NYA	NYA
4039	Charles Roberts Rectangular Tar Tank Wagon	NYA	NYA
4040	Charles Roberts 7 Plank Private Owner Wagon (side door)	NYA	NYA
4041	Charles Roberts 7 Plank Private Owner Wagon (side and end door)	NYA	NYA
4042	LNER/NER 20 ton Hopper Wagon	9.00	7.50
4043	NER Birdcage Brake Van	12.00	10.00
4044	Gloucester 5 Plank Private Owner Wagon (side door)	NYA	NYA
4055	Gloucester 5 Plank Private Owner (China Clay) Wagon (side and end door)	NYA	NYA
4057	Charles Roberts Salt Wagon (circa 1909)	NYA	NYA
4058	Gloucester 7 Plank Private Owner Wagon (side door)	NYA	NYA
4059	Gloucester 7 Plank Private Owner Wagon (side and end door)	NYA	NYA
4060	RCH 1923 7 Plank (side door)	NYA	NYA
4061	RCH 1923 7 Plank (side and end door)	NYA	NYA

## 4mm SCALE COACH KITS

Complete coach kits including polystyrene injection moulded parts, etched parts, lost wax brass castings and turned buffer heads.

### 4MM SCALE GWR COACH KITS

4C08	GWR clerestory bogie coach All Third (diagram C10)	NYA	NYA
4C09	GWR 46' clerestory bogie coach First/Third composite (diagram E37)	NYA	NYA
4C015	GWR 50' clerestory bogie Brake Third (diagram D14)	NYA	NYA
4C016	GWR Toplight Coach All Third (Diagram C28 Bars I)	NYA	NYA
4C017	GWR Toplight Coach Brake Third (Diagram D47 Bars II)	NYA	NYA
4C018	GWR Toplight Coach Composite (Diagram E88 Bars II)	NYA	NYA

### 4MM SCALE MR/LMS 6 WHEEL CLAYTON ARC ROOF COACHES

4C010	All Third	NYA	NYA
4C011	Brake Third	NYA	NYA

		Inc. VAT	Exc.VAT
4C012	Lavatory Third	NYA	NYA
4C013	First/Third Composite	NYA	NYA

## 7mm SCENIC ACCESSORIES

### 7MM SCALE 'HUMINIATURES' Unpainted (Trade pack in brackets)

7A03	Locomotive Crew in Whitemetal (Pre-Group) (1)	9.50	7.92
7A04	Locomotive Crew late LMS/BR Uniform Whitemetal (1)	9.50	7.92
7A08	Assorted Seated and Standing Figures (5)	10.00	8.33
7A09	28 Seated Figures (5)	10.00	8.33

### 7MM SCALE SCENIC ACCESSORIES (Trade pack in brackets)

7A05	GWR 'Wire' Lineside Fencing Posts, 40 per pack (5)	6.50	5.42
7A05B	End Strainers made in GWR bridge rail for (7A05 FENCING)	9.00	7.50
7A10	'Wooden' Fencing Posts, 36 per pack (5)	5.15	4.29
1014	Microstrip 'Rails' for above: 0.052" x 0.015" (5)	4.50	3.75
7A12	'Wire' Fencing Posts (makes up about 3ft of fencing) per pack (5)	5.90	4.92
0620	0.020" Plastic Rod for the above (12 lengths per pack) (5)	4.20	3.50
7A13	MR Station Fencing Diagonal Slats 8 x 130mm (5)	6.70	5.58
7A14	MR Ramps Left and Right for the above (5)	5.70	4.75
7A15	MR Gates for the above, 4 gates, 4 posts (5)	5.70	4.75
7A16	Lineside Fencing 8 x 138mm (5)	7.00	5.83
7A17	Lineside Gates, 4 gates (5)	5.50	4.58
7A18	GWR Station Fencing 6 x 172mm (5)	7.00	5.83
7A19	Cement Bags, pack of 10 (5)	5.30	4.42
7A20	Flour Sacks, pack of 10 (5)	5.30	4.42
7A21	Potato Sacks, pack of 10 (5)	5.30	4.42
7A22	Barrels pack of 10 (5)	5.30	4.42
7A23	Milk Churns, Tall Victorian Type pack of 8 (5)	5.30	4.42
7A24	Milk Churns, Short Modern Type pack of 8 (5)	5.30	4.42
7A25	Cart Horse (5)	5.00	4.17
7A26	GWR Station Valencing, 12 pieces x 66mm (5)	6.40	5.33
7A27	MR Station Valencing, 6 pieces x 125mm (5)	6.40	5.33
7A28	Midland Horse Drawn Dray Kit (1)	16.00	13.33
7A29	Shorthorn Cattle in White Metal, 3 per pack (1)	13.00	10.83
7A30	GWR Station Ramps 2 x 116mm (5)	5.70	4.75
7A31	GWR Station Gates (5)	5.70	4.75
7A32	Cylindrical Storage Tank from 7056 kit (1)	17.50	14.58
7A33	Grounded Van Body - Goods Store (1)	10.00	8.33
7A34	BR Grounded Van Body (1)	10.00	8.33
7A35	Plain Round Chimney Pot, set of 4 (cast brass)	8.40	7.00
7A36	Square Chimney Pot, set of 4 (cast brass)	8.40	7.00
7A37	Fancy Octagonal Chimney Pot, set of 4 (cast brass)	9.50	7.92
7A38	Surface Water Drain Pipe Clips, set of 9 (cast brass)	5.80	4.83
7A39	Foul Water Drain Pipe Clips, Junctions and Ventilator, 5 items (cast brass)	6.50	5.42

## 7mm SCALE WAGON KITS

Fine Standard Wheels are supplied unless Coarse Standard or Scale 7 is specified. There is an extra charge of £1.70 (Inc. VAT) when supplying Coarse Standard and Scale 7 wheels in these kits. Kits are not supplied to the trade with either Coarse Standard or Scale 7 wheels, so the cost of exchanging wheelsets is £3.20, inclusive of VAT and postage.

### 7MM SCALE "COOPERCRAFT" WAGON KITS

These kits have been taken into the Slater's range, and now include wheels, bearings and turned steel buffers.

7011	GWR Dia 04 5-plank Open Wagon with sheet rail	32.00	26.67
7012	GWR Dia 02 7-plank Open Wagon	32.00	26.67
7013	GWR Dia 05 4-plank Open Wagon	32.00	26.67
7014	GWR Dia N13 Iron Loco Coal Wagon	32.00	26.67
7015	GWR Rebuilt 3-plank Open Wagon	32.00	26.67
7016	GWR Match Truck/Machinery Wagon	32.00	26.67



**7MM SCALE WAGON KITS**

7023	LMS Long Cattle Wagon	36.75	30.63
7024*	MR 10 ton Covered Van with 3 point suspension	35.00	29.17
7024F*	MR 10 ton Covered Fruit Van with 3 point suspension	35.00	29.17
7025	MR 8 ton covered Fruit Van	31.20	26.00
7026	MR 8 ton High Sided Coke Wagon	30.00	25.00
7027	MR 8 ton 5 Plank Wagon with side door	30.00	25.00
7028	MR 8 ton 5 Plank Wagon with side and end door	30.00	25.00
7029	MR 8 ton 3 Plank Drop side wagon	30.00	25.00
7030	MR 8 ton Box Van	31.20	26.00
7031	MR Long Cattle Wagon	36.75	30.63
7032	MR 4 Wheel 10 ton Brake Van	33.00	27.50
7033	LNER/BR 20 ton Brake Van	49.00	40.83
7034	MR 6 Wheel 20 ton Brake Van	53.00	44.17
7035	Gloucester 6 Plank Private Owner Wagon side door RCH 1887	30.00	25.00
7036	Gloucester 6 Plank Private Owner Wagon side/end door RCH 1887	30.00	25.00
7039	Charles Roberts Rectangular Tar Tank Wagon	31.00	25.83
7040	Charles Roberts 7 Plank Private Owner Wagon side door RCH 1907	30.00	25.00
7041	Charles Roberts 7 Plank Private Owner Wagon side/end door RCH 1907	30.00	25.00
7042	LNER/BR 20 ton Hopper Wagon	33.00	27.50
7042A	LNER Bulk Alumina Wagon	40.00	33.33
7043	SE & CR 6 Wheel Brake Van	53.00	44.17
7044	Gloucester 5 Plank Private Owner Wagon side door	30.00	25.00
7045*	RCH 1923 8 Plank Private Owner Wagon side/end door	33.00	27.50
7046*	RCH 1923 8 Plank Private Owner Wagon side door	33.00	27.50
7047*	RCH 1923 7 Plank Private Owner Wagon side/end door	33.00	27.50
7048*	RCH 1923 7 Plank Private Owner Wagon side door	33.00	27.50
7051	MR Sleeper Wagon (Diagram 307)	30.00	25.00
7052*	LMS 13 ton 7 Plank Locomotive Coal Wagon (Diagram 2038)	33.00	27.50
7053	LMS/BR 20 ton Goods Brake Van complete with interior stove	49.00	40.83
7054*	GWR 18' 6" Cattle Truck (Diagram W1/W5)	41.00	34.17
7055	Gloucester 5 Plank Private Owner (China Clay) Wagon side/end door	30.00	25.00
7056*#	14 ton Cylindrical Tank Wagon (No Transfers included)	49.00	40.83
705601	Super detailing kit for the above oil tank wagon including ladders, cat walk, and steam heat fittings	13.00	10.83
7057	Charles Roberts Salt Wagon (circa 1909)	35.00	29.17
7058	Gloucester 7 Plank Private Owner Wagon side door RCH 1887	30.00	25.00
7059	Gloucester 7 Plank Private Owner Wagon side/end door RCH 1887	30.00	25.00
7060	BR Shock Absorbing Open Wagon	34.00	28.33
7061	BR Shock Absorbing Covered Wagon	38.00	31.67
7062	BR 12 ton Van Wide	38.00	31.67
7063	BR 12 ton Standard Van	38.00	31.67
7064	BR Standard/Fruit Van	38.00	31.67
7065	BR Meat Van	38.00	31.67
7066	BR Insulated Van	38.00	31.67
7067	BR 13 ton Container Wagon 'Conflat A'	34.00	28.33
7068A	Container Type A for Conflat	13.50	11.25
7068BD	Container Type BD for Conflat	16.25	13.54
7069	BR Lowfit	34.00	28.33
7070	BR 12 ton Pal Van	38.00	31.67
7071	BR 13 ton High Sided Goods Wagon	34.00	28.33
7073#	LMS 6 Wheel 3000 gallon Milk Tank Wagon (No Transfers included)	57.00	47.50
7074#	LMS 6 Wheel 2000 gallon Milk Tank Wagon (No Transfers included)	57.00	47.50
7075#	GWR 6 Wheel 3000 gallon Twin Tank Milk Wagon (No Transfers included)	57.00	47.50
7076#	GWR 6 Wheel 3000 gallon Milk Tank Wagon (No Transfers included)	57.00	47.50

**#Transfers are available for these tank wagons - see pages 14 & 15.**

**\*These kits have etched Brass W irons and compensation units or fully sprung**

**7MM SCALE PRINTED PRIVATE OWNER WAGONS**

All private owner wagons except those with black liveries have the solebars sprayed to match the sides. \*These kits have etched Brass W irons and compensation units or fully sprung  
Kit marked # are painted using our new process.

7035B	Burt 6 Plank Gloucester side door	37.00	30.83
7035M#	Thomas Meakins	37.00	30.83
7035T	W H Thane 6 Plank Gloucester side door	37.00	30.83
7035W	W Woodley, Oxford 6 Plank Gloucester side door	37.00	30.83
7036P	Thomas Pascoe 6 Plank Gloucester side/end door	37.00	30.83
7036PE#	Parkend	37.00	30.83
7036R#	Princess Royal	37.00	30.83
7036U#	United	37.00	30.83
7040P#	Parkgate	37.00	30.83
7040S	G Simmons 7 Plank Charles Roberts side door	37.00	30.83
7041M#	Manvers Main	37.00	30.83
7041V#	Vauxhall	37.00	30.83
7041W#	Prince of Wales	37.00	30.83
7044P#	Pounsbery	37.00	30.83
7045D*	Denaby 8 Plank RCH 1923 side/end door	40.00	33.33
7045I*	Izal 8 Plank RCH 1923 side/end door	40.00	33.33
7045L*	Locke 8 Plank RCH 1923 side/end door	40.00	33.33
7057S#	Saxa Salt	40.00	33.33
7058B	J A Bartlett 7 Plank Gloucester side door	37.00	30.83
7059BR	Barry Rhondda 7 Plank Gloucester side door	37.00	30.83
7059L	Lightmoor 7 Plank Gloucester side door	37.00	30.83

**7MM SCALE WAGON UNDERFRAME KITS**

7037	MR Wagon Chassis 11 foot Wheelbase	21.50	17.92
7038	MR 8 ton Wagon Chassis 9 foot Wheelbase	21.50	17.92
7038A	Charles Roberts Chassis 9 foot wheelbase 1907 RCH	21.50	17.92
7060A	BR Shock Wagon Underframe 10 foot wheelbase (Including wheels, sprung buffers and 3 link couplings)	27.00	22.50

**7MM SCALE FULLY SPRUNG ETCHED W IRONS CONVERSION KITS**

71540	MR type including 3 types of MR axleboxes	13.00	10.83
71541	LMS Brake Van type	13.00	10.83
71542	LNER/BR Brake Van type	13.00	10.83
71543	MR 4 Wheel Brake Van	13.00	10.83
71544	MR/LMS 6 Wheel Brake Van	13.00	10.83
71545	SECR/SR 4 Wheel PLV	13.00	10.83
71546	BR Sprung Axleguards	13.00	10.83
71547	LMS 6 Wheel Milk Tank Wagon	13.50	11.25
71548	BR 8-shoe Shock Absorbing Wagon	13.00	10.83
71549	GWR 6 Wheel Milk Tank Wagon	13.50	11.25

**7MM SCALE ETCHED W IRONS (COMPENSATING)**

71550	MR type complete with grease and oil boxes	13.00	10.83
71551	MR Van type for 3' 7" diameter wheels, complete with passenger type springs, 'J' Hangers and Oil Boxes	13.00	10.83
71553	GWR type	13.00	10.83
71554	RCH 1923 type	13.00	10.83

**7MM SCALE SPRUNG BUFFERS (set of 4)**

71560	SR Coach Buffers	12.50	10.42
71561	RCH Sprung Wagon Buffers (Gloucester)	12.50	10.42
71562	MR Sprung Wagon Buffers short	12.50	10.42
71563	MR Sprung Wagon Buffers long	12.50	10.42
71564	GWR Sprung Wagon Buffers	12.50	10.42
71565	RCH 1923 Sprung Wagon Buffers	12.50	10.42
71566	LMS Sprung Heavy Duty Wagon Buffers (Parallel)	12.50	10.42
71567	MR Clayton Coach Buffers	12.50	10.42
71568	NE Van Buffers	12.50	10.42
71569	LMS Van Buffers	12.50	10.42

		Inc. VAT	Exc.VAT
71570	BR Shock Absorbing Wagon Buffers	12.50	10.42
71571	SR PLV Buffers	12.50	10.42
71572	BR Oleo Buffers	12.50	10.42
71573	SR Maunsell Coach Buffers (Steam Stock Oval Head type)	15.00	12.50

### **7MM SCALE WAGON FITTINGS**

7154	Brass Bearing for wheel sets, pack of 20 (5)	6.20	5.17
7155	3 Link Coupling, cast hook with steel links and springs, set of 2 (5)	5.75	4.79
7155A	Coupling Springs pack of 10	4.50	3.75
7156	Sprung Wagon Buffer Components, set of 4 (5)	8.50	7.08
7158	Brake Van Lamps (plastic mouldings), set of 6 (1)	4.00	3.33
7160	Wagon Buffer Springs, pack of 12 (1)	5.00	4.17
7161	LMS/BR Tail Lamp Irons (brass lost wax castings), set of 6 (1)	4.50	3.75
7162	LMS/BR Tail Lamps (brass lost wax castings), set of 2 (1)	5.75	4.79
7163	Vacuum Pipe Springs, pack of 12 (1)	6.00	5.00
7165	BR Van/Wagon Vacuum Pipes	7.75	6.46
X7073EX	Etched Nameplates for 6 Wheel Milk Tanker (Express Dairies)	4.50	3.75
X7073UD	Etched Nameplates for 6 Wheel Milk Tanker (United Dairies)	4.50	3.75
M7022	Shackle Chains for BR Container kits, pack of 2 sprues	8.00	6.67
M7025	Instanter Coupling, one pair	8.00	6.67
M7026	BR Wagon Sheet Rail and Fittings	9.50	7.92
X705301	LMS/BR Brake Van Stove (lost wax brass)	5.50	4.58
X705302	LMS/BR brake van stanchion and handle (lost wax brass)	5.50	4.58

## **7mm SCALE COACH KITS**

Complete coach kits including polystyrene injection moulded parts, etched parts, lost wax brass castings and turned sprung buffer heads. Full underframes and/or bogies and appropriate fine scale Coach Wheels are included. Bogie are etched with springing, except for the SR, where there is a choice of etched (sprung) or plastic (unsprung). Coach kits do not include couplings, in order to give flexibility of choice.

### **7MM SCALE GWR COACH KITS**

7C03	GWR 6 wheeled Milk Siphon (diagram 04)	79.00	65.83
7C030	GWR 6 wheeled Milk Siphon (diagram 05 or 06)	79.00	65.83
7C04	GWR 4 wheeled 3rd class carriage (diagram S9)	79.00	65.83
7C05	GWR 4 wheeled brake van (diagram V5)	79.00	65.83
7C06	GWR 4 wheeled 1st/2nd class composite (diagram U4)	79.00	65.83
7C07	GWR 4 wheeled brake third carriage (diagram T34)	79.00	65.83
7C08	GWR clerestory bogie coach All Third (diagram C10)	140.00	116.66
7C09	GWR 46' clerestory bogie coach First/Third composite (diagram E37)	140.00	116.66
7C015	GWR 50' clerestory bogie Brake Third (diagram D14)	140.00	116.66

### **7MM SCALE SR COACH KITS**

7C020	SECR/SR 4 wheel PLV/GUV	80.00	66.67
7C021E	SR/BR 50' Bogie Guards Van (Van B) with etched sprung bogies	140.00	116.67
7C021P	SR/BR 50' bogie guards van (van B) with plastic bogies	126.00	105.00
7C022	SR/BR 4 wheel van (BY)	80.00	66.67
7C023E	SR Maunsell coach - 6 comp't brake composite (D 2401) etched bogies	174.00	145.00
7C023P	SR Maunsell coach - 6 comp't brake composite (D 2401) plastic bogies	167.00	139.17
7C024E	SR Maunsell coach - 8 comp't All Third (D 2001) etched bogies	174.00	145.00
7C024P	SR Maunsell coach - 8 compartment All Third (D 2001) plastic bogies	167.00	139.17
7C025E	SR Maunsell coach - 4 comp. brake third (D 2101) - etched bogies	174.00	145.00
7C025P	SR Maunsell coach - 4 comp. brake third (D 2101) - plastic bogies	167.00	139.17
7C026E	SR Maunsell coach - 7 comp. composite (D 2301) - etched bogies	174.00	145.00
7C026P	SR Maunsell coach - 7 comp. composite (D 2301) - plastic bogies	167.00	139.17
7C027E	SR Maunsell coach - 6 compartment brake third (D 2102) etched bogies	174.00	145.00
7C027P	SR Maunsell coach - 6 compartment brake third (D 2102) plastic bogies	167.00	139.17

### **7MM SCALE MR 6 WHEEL CLERESTORY COACH KITS**

7C01	MR 6 wheel coach full brake (diagram 530)	86.00	71.67
7C02	MR 6 wheel coach lavatory Third (diagram 492)	86.00	71.67

### **7MM SCALE MR/LMS 6 WHEEL CLAYTON ARC ROOF COACHES**

7C010	All Third (diagram 493)	86.00	71.67
7C011	Brake Third (diagram 504)	86.00	71.67

		Inc. VAT	Exc.VAT
7C012	Lavatory Third (diagram 494)	86.00	71.68
7C013	Composite (with luggage) (diagram 516)	86.00	71.67
7C014	Composite (with lavatory) (diagram 516)	86.00	71.67
7C019	MR/LMS Slatted Milk Truck	80.00	66.67

### **7MM SCALE MR/LMS BOGIE CLAYTON ARC ROOF COACHES**

7C033	MR Brake Third 43' (diagram 502)	137.00	114.17
7C034	MR All Third 43' (diagram 490)	137.00	114.17
7C035	MR Lavatory Brake Third 43' (diagram 502)	137.00	114.17
7C036	MR 45' Coaches Lav. Comp (D512), Luggage Comp (D513), or Brake Comp (D526)	137.00	114.17

### **7MM SCALE COACH BOGIE KITS (contains 2 bogies complete with wheels)**

7CB1	GWR 8' 6" Dean bogie with independent sprung suspension	50.40	42.00
7CB2	GWR 6' 4" Dean bogie with independent sprung suspension	50.40	42.00
7CB3	GWR 10' 6" Dean bogie with independent sprung suspension	50.40	42.00
7CB4E	SR 8' 0" Etched bogies with independent sprung suspension	50.40	42.00
7CB4P	SR 8' 0" Plastic bogies	35.70	29.75
7CB5	MR Clayton 8' 0" bogie with independent sprung suspension	50.40	42.00

## **7MM SCALE READY PAINTED COACH KITS**

7C01P	MR 6 wheel coach full brake (diagram 530)	156.00	130.00
7C02P	MR 6 wheel coach lavatory Third (diagram 492)	156.00	130.00
7C04P	GWR 4 wheeled 3rd class carriage (diagram S9)	140.00	116.67
7C05P	GWR 4 wheeled brake van (diagram V5)	140.00	116.67
7C06P	GWR 4 wheeled 1st/2nd class composite (diagram U4)	140.00	116.67
7C07P	GWR 4 wheeled brake third carriage (diagram T34)	140.00	116.67
7C010P	All Third (diagram 493)	156.00	130.00
7C011P	Brake Third (diagram 504)	NYA	NYA
7C012P	Lavatory Third (diagram 494)	156.00	130.00
7C013P	Composite (with luggage) (diagram 516)	156.00	130.00
7C014P	Composite (with lavatory) (diagram 516)	NYA	NYA

### **7MM SCALE COACH UNDERFRAME KITS (do not contain wheels)**

X7C01	MR 6w Etched Compensation Unit	22.50	18.75
X7C031	GWR 6w Siphon Etched Chassis	22.50	18.75
X7C401	GWR Dean 4w Coach Underframe, 18'-0" wheelbase	22.50	18.75

### **7MM COACH FITTINGS**

7200	MR coach grab handles in lost wax brass pack of 10	9.00	7.50
7201	Torpedo vents coach van type	4.81	4.01
7202	MR coach door handles in brass T shape (12/pack)	6.50	5.42
7203	Coach Seat mouldings for GWR/MR Coaches (6 Seats per pack)	7.50	6.25
7204	Moulded Seat divider/armrest for GWR 1st class seating (for 4 comp'ts)	4.10	3.42
7205	GWR coach door handles in brass T shape (10 per pack)	6.50	5.42
7206	MR grab handles, square parallel stock (16 per pack)	9.00	7.50
7209	GWR Coach vacuum pipes (one pair); working	8.00	6.67
7210	Locomotive and van vacuum pipes (one pair); working	8.00	6.67
7211	Steam Pipes (one pair); working	8.00	6.67
7212	Coach Dynamo with suspension bracket and adjusting bar	8.00	6.67
7213	SR Maunsell coach door grab handles (10) + 2 guard's, + 2 end rails	12.80	10.66
7214	SR First Class Seat Mouldings (3 compartments/pack)	7.50	6.25
7215	SR Maunsell Third Class seat mouldings (3 compartments/pack)	7.50	6.25
7216	LMS Cattle Wagon Vac. Pipes (one pair); working	8.00	6.67
7217	Westinghouse Brake Pipe and Hose (one pair); Lost Wax Casting	6.85	5.71
7220	SR/BR Pullman type corridor coach gangway connections (2)	8.90	7.42
7221	SR Torpedo Vents (whitemetal) x12	5.50	4.58
M7027	SR/BR Dummy coach buckeye couplers, coupling hook, and single link	8.90	7.42
X7C0409	GWR "G" Commode Grab handles pack of 16	10.80	9.00
X7C0413	GWR Footboard Supports pack of 8	10.80	9.00



## GEARBOXES AND MOTORS

AGB6	High Speed Motor/Gearbox for G1 Motor Bogies. (complete with Faulhaber motor and our standard 3/16" Gauge 1 axle)	116.00	96.67
AGB14	Medium Speed Motor/Gearbox for G1 Motor Bogies. (complete with Faulhaber motor and our standard 3/16" Gauge 1 axle)	116.00	96.67
AGB17	Motor/Gearbox for G1 Motor Bogies. (complete with Faulhaber motor and our standard 3/16" Gauge 1 axle)	116.00	96.67
GB13	13:1 Ratio (High Speed) Spur Drive Gearbox and Canon EN22 Motor	102.00	85.00
GB14S	14:1 Ratio (High Speed) Spur Drive Gearbox and Mashima 1824 Motor (Limited Stock Available)	NYA	NYA
GB30R-3M	30:1 Ratio Spur Drive Gearbox - machined brass gearcase; with Canon EN22 Motor. For standard 3/16" Gauge O axle	110.00	91.67
GB30R-4U	30:1 Ratio Spur Drive Gearbox - machined brass gearcase; with 18V 2838 Motor. For 1/4" Gauge 1 axle	110.00	91.67
GB30R-3U	30:1 Ratio Spur Drive Gearbox - machined brass gearcase; with 18V 2838 Motor. For standard 3/16" Gauge O axle ( <b>Special Order Only</b> )	116.00	96.67
GB30R-4M	30:1 Ratio Spur Drive Gearbox - machined brass gearcase; with Canon EN22 Motor. For 1/4" Gauge 1 axle	115.00	95.83
GB40L	40:1 Ratio Spur Drive Gearbox (slow speed) and Canon EN22 Motor. For standard 3/16" Gauge O axle	112.00	93.33
GB40S	40:1 Ratio Spur Drive Gearbox (slow speed) and . For standard 3/16" Gauge O axle	NYA	NYA
GB40-4U	40:1 Ratio Spur Drive Gearbox (slow speed) with 18V 2838 Motor. For 1/4" Gauge 1 axle	110.00	91.67
GB40L-4M	40:1 Ratio Spur Drive Gearbox (slow speed) with Canon EN22 Motor. For 1/4" Gauge 1 axle	110.00	91.67
GBG3	30:1 Ratio Spur Drive Gearbox - machined brass gearcase; with 24V Motor. For 1/4" axle Suitable for G3 locos.	150.00	125.00
GBG3-6	30:1 Ratio Spur Drive Gearbox - machined brass gearcase; with 24V Motor. For 6mm Gauge 3 axle ( <b>Special Order Only</b> )	150.00	125.00
GBG3P	30:1 Ratio Spur Drive Gearbox - machined brass gearcase; with smaller Piko Motor. For 1/4" Gauge 3 axle.	150.00	125.00
GBG3P-6	30:1 Ratio Spur Drive Gearbox - machined brass gearcase; with smaller Piko Motor. For 6mm Gauge 3 axle ( <b>Special Order Only</b> )	150.00	125.00
GBG3-50C	Slow Speed 50:1 Ratio Spur Drive Compact Gearbox - machined brass gearcase; with Canon Coreless motor. For 1/4" Gauge 3 axle.	150.00	125.00
GBG3-50U	Slow Speed 50:1 Ratio Spur Drive Compact Gearbox - machined brass gearcase; with 24V Motor. For 1/4" Gauge 3 axle.	150.00	125.00
SG4	33:1 gear ratio; fitted with Mashima 1628 Motor; for 1/8" driving axle. A replacement for the Portescap ® RG4. For OO/HO/EM/P4 and small O gauge locos.	90.00	75.00
SG38	36:1 gear ratio; fitted with Mashima 1628 Motor; for 3/16" driving axle. Similar to SG4. For small O gauge locos.	90.00	75.00
SG29	29:1 gear ratio; fitted with Canon EN22 Motor; for 3/16" driving axle. For GWR and other locos with driven axle under the cab.	100.00	83.33
<b>OTHER DRIVE COMPONENTS</b>			
FD01	2.9:1 Final Drive Gearbox (unassembled). 3/16" or 1/8" Axle; 2mm input	25.00	20.83
FD03	1.3:1 Small Final Drive Gearbox (unassembled). 1/8" Axle; 2mm input	25.00	20.83
7962	Universal Joint, Turned Brass, Set of 2 (for 2mm shafts)	5.70	4.75
FW25-2	Turned Brass Flywheel, 25mm dia., 2mm bore, grub screw fixing	6.70	5.58
FW29-2.3	Turned Brass Flywheel, 29mm dia., 2.3mm bore, grub screw fixing	7.30	6.08
FW29-3	Turned Brass Flywheel, 29mm dia., 3mm bore, grub screw fixing	7.30	6.08
FW37-3	Turned Brass Flywheel, 37mm dia., 3mm bore, grub screw fixing	7.60	6.33
CD01	Sprocket Chain 96 Links (12")	9.60	8.00
CD02	Double Sprocket Steel 8T 3mm Bore	12.00	10.00
CD03	Sprocket 18T 3/16th Bore	1.38	1.15
CD04	Sprocket 10T 3/16th Bore	1.38	1.15
CD05	Sprocket 10T 1/8th Bore	1.38	1.15



## 7mm SCALE LOCOMOTIVE KITS

### 7MM SCALE SLATER'S LOCOMOTIVE KITS

Complete locomotive kits with etched chassis and body, lots of metal castings, and complete with wheels, motor and gearbox, unless marked \*.

7L002	GWR 28XX (curved frame) and 3500 gallon Tender	530.00	441.67
7L003	GWR 28XX (squared frame) and 3500 gallon Tender	530.00	441.67
7L005	MR/LMS Flatiron 0-6-4 Tank	410.00	341.67
7L006	MR/LMS Johnson Open Cab 0-6-0 Tank	370.00	308.33
7L007	MR/LMS Kirtley 0-6-0 Goods (Johnson)	485.00	404.17
7L008	Leek & Manifold 2-6-4 (0/16.5) SG4 Motor	380.00	316.00
7L009	CR/Industrial Pug 0-4-0 Saddle Tank	250.00	208.33
7L010	MR/LMS Kirtley straight framed 0-6-0 and 2000 gallon Tender	485.00	404.17
7L011	MR/LMS Johnson '1262' class 0-4-4 Tank	390.00	325.00
7L014	MR/LMS Deeley 'Compound' 4-4-0 and Tender	515.00	429.17
7L015	GWR 4-6-0 'Saint', curved frame, and 3500 gallon Tender	530.00	441.67
7L015T	GWR Tender 3500 gallon (from our Saint kit)	122.00	101.67
7L016*	Manning Wardle 'K' class Industrial 0-6-0ST (needs motor/gearbox)	189.00	157.50
7L017*	Manning Wardle 'F' class Industrial 0-4-0ST (needs motor/gearbox)	163.00	135.83

### 7MM SCALE CHASSIS KITS

**Requires wheels, motor and gearbox.**

7LC01	GWR 14XX/48XX 0-4-2T (chassis only)	77.00	61.60
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### 7MM 'RISING STAR' LOCOMOTIVE KITS

These are to a similar specification to Slater's 7mm loco kits except that *they do not contain motor, gearbox, driving wheels or backhead and the chassis is unsprung*. However, they have been designed to take Slater's drive units and sprung hornblock system if desired.

SK01	NER Class A 2-4-2 Tank (LNER Class F8) (chassis and body)	154.00	128.33
SK02	GNR/LNER 'N2' 0-6-2T (chassis and body)	154.00	128.33
SK03	LSWR/SR 'A12'/Jubilee 0-4-2 and Tender (chassis and body)	190.00	158.33

### 7MM SCALE LOCOMOTIVE SPRUNG BUFFERS (set of 4)

7900	MR Square base buffers long	14.00	11.67
7901	MR Kirtley Square base buffers short	14.00	11.67
7904	Pre-Group Round base parallel buffers	14.00	11.67
7905	LNWR Buffers Webb type	14.00	11.67
7906	GWR Collett Buffers parallel type	14.00	11.67
7907	GWR Collett Tapered Buffers	14.00	11.67
7908	GWR/Dean/Churchward Tapered Buffers	14.00	11.67
7909	LNER/SR Stepped parallel buffers	14.00	11.67
7910	LSWR/HR/GSWR Buffers	14.00	11.67
7911	LNWR Buffers Cooke type	14.00	11.67

### 7MM SCALE LOCOMOTIVE ACCESSORIES

7080	MR/LMS Tender Axleboxes (set of 6)	7.40	6.17
7081	LMS Tender Axleboxes (set of 6)	7.40	6.17
7164	Hornblock Springs (pack of 12)	5.00	4.17
1211	Frame Bushes 2mm Bore (pack of 10)	5.80	4.83
1212	Locomotive Frame Bushes 1/8" Bore (pack of 20)	6.15	5.13
7920	Locomotive Frame Bushes 3/16" Bore (pack of 10)	8.50	7.08
6920	Locomotive Frame Bushes 5/32" Bore (Short type) (pack of 10)	8.00	6.67
6920B	Locomotive Frame Bushes 5/32" Bore (Long type) (pack of 10)	8.00	6.67
7921	Narrow Gauge Locomotive Couplings (Scale Chopper type)	8.40	7.00
S7951S	Turned Handrail Knobs Steel - short (1.4mm) (pack of 12)	8.00	6.17
S7951M	Turned Handrail Knobs Steel - medium (2.6mm) (pack of 12)	8.00	6.17
S7951L	Turned Handrail Knobs Steel - long (3.2mm) (pack of 12)	8.00	6.17
7951S	Turned Handrail Knobs - short (1.4mm) (pack of 12)	8.00	6.17
7951M	Turned Handrail Knobs - medium (2.6mm) (pack of 12)	8.00	6.17
7951L	Turned Handrail Knobs - long (3.2mm) (pack of 12)	8.00	6.17
7960B	New Design Locomotive sprung Hornblocks (Cast Brass) 3/16" dia. axle (set 6)	14.00	11.67

		Inc. VAT	Exc.VAT
7960C	New Design Locomotive sprung Hornblocks (same design but moulded in G/F nylon for insulation) 3/16" dia. axle (set 6)	13.70	11.42
7961	Insulated 'square' Axleboxes 3/16" bore) (set of 6)	8.90	7.42
7965	MR Johnson Locomotive brass numerals (6 each 0-9 plus A/set)	6.20	5.17
M7008	Westinghouse Pump Cast brass	6.20	5.17
M7023	Working Screw Link Couplings (one pair)	12.00	10.00
M7024	Automatic Train Control Gear GWR	8.40	7.00
7157	Plunger Pickup. Threaded inner end, with tag and nuts for soldering wire (set of 6)	14.00	11.67
7157A	Plunger Pickup. Tubular inner end for soldering wire (set of 6)	14.00	11.67
7159	Brake shoes, GWR, (set of 6)	4.20	3.50
7159A	Brake shoes GWR early type (set of 8)	4.20	3.50

### 7MM SCALE BOILER BACK PLATES

7A065	MR Johnson round top firebox backhead with lost wax fittings	19.50	16.25
7A066	MR Belpaire firebox backhead with lost wax fittings	19.50	16.25
7A067	LYR Backplate with lost wax fittings	19.50	16.25
7A068	GWR Firebox Backplate with lost wax fittings	19.50	16.25

### 7MM SCALE COUPLING RODS

7M70	8'-0" x 8'-6" Fluted (Jointed in 8 ft section)	18.00	15.00
7M71	8'-0" x 8'-6" Fluted	18.00	15.00
7M72	7'-4" x 7'-8" Plain (including Manning Wardle Bushes)	18.00	15.00
7M73	8'-0" x 8'-6" Plain	18.00	15.00
7M74	7'-4" for 4 Coupled locomotives plain	12.00	10.00
7M75	8'-0" for 4 Coupled locomotives plain	12.00	10.00
7M76	8'-0" x 8'-3" Plain with square ends and bosses	18.00	15.00
7M77	8'-3" for 4 Coupled locomotives plain	12.00	10.00
7M78	10'-0" for 4 Coupled locomotives plain	12.00	10.00
7M79	9'-6" for 4 Coupled locomotives (Compound etc)	12.00	10.00
7M80	Compound Connecting rods, fluted, square big ends	12.00	10.00
7M81	Compound Connecting rods, fluted, round big ends	12.00	10.00
7M82	8'-1½" Fluted for 4 Coupled locomotives	12.00	10.00
7M83	7'-0" for 4 Coupled locomotive plain	12.00	10.00
7M84	7'-4½" Connecting rods plain, square end	12.00	10.00
7M85	L & MVLK coupling rods and (part of) valve gear	18.00	15.00
7M86	7'-3" x 9'-0" Coupling rods fluted	18.00	15.00
7M87	8'-0" for 4 Coupled locomotives fluted	12.00	10.00
7M88	5'-4" x 5'-5" Manning Wardle Plain	18.00	15.00
7M89	4'-9" Manning Wardle plain plus connecting rods	12.00	10.00
7M90	7'-0" x 7'-9" Plain (GWR fishbelly type)	18.00	15.00
7M91	10'-8½" Connecting rod, fluted, GWR type	12.00	10.00
7M92	5'-5" x 5'-5" x 6'-0" plain	20.50	17.08

## 7mm SCALE TRANSFERS

### METHYLATED SPIRIT FIXING TYPE (unless stated)

70138A	14 ton Tank wagon 'Anglo American'	6.30	5.25
70138BP	14 ton Tank wagon 'British Petroleum'	6.30	5.25
70138P	14 ton Tank wagon 'Anglo Persian Oil Co. Ltd.'	6.30	5.25
70138S	14 ton Tank wagon 'Scottish Oil Agency'	6.30	5.25
70139	GWR Wagon transfers (grey vehicles only) (waterslide type)	6.30	5.25
70140	MR Locomotive and Coach crests pre 1906 (30 crests/sheet)	7.60	6.33
70141	MR Locomotive Crests Post 1906 (30 crests/sheet)	7.60	6.33
70142	LMS/MR Loco numbers/letters, gold/black shading	7.60	6.33
70143	LMS/MR Crewe stype Loco numbers/letters, gold/red shading	7.60	6.33
70144	LMS as 70143 but with yellow/red shading	7.60	6.33
70145	LMS Crewe type pale straw (loco)	7.60	6.33
70146	LMS/MR Wagon lettering (waterslide type)	7.60	6.33
70146A	LMS/BR Wagon lettering	7.60	6.33
70147	Private Owner tank wagon lettering	6.30	5.25
70148	Private Owner numerals for use with printed kits	6.30	5.25
70149	NER/LNER Hopper Wagon lettering	6.30	5.25

		Inc. VAT	Exc.VAT
70150	MR/LMS Coach transfers 1st/3rd	7.60	6.33
70151	LMS Crests (30 crests per sheet)	7.60	6.33
70152	L & Y Coach/locomotive crests (30 crests per sheet)	7.60	6.33
70153	Assorted wagon numbers for RCH 1923 Printed Private Owners	7.60	6.33
70154EX	LMS 3000 gallon 6 wheel Milk tank wagon (Express Dairies)	7.60	6.33
70154IMS	LMS 3000 gallon 6 wheel Milk tank wagon (Independent Milk Supplies)	7.60	6.33
70154UD	LMS 3000 gallon 6 wheel Milk tank wagon (United Dairies)	7.60	6.33
70155UD	LMS 2000 gallon 6 wheel Milk tank wagon (United Dairies)	7.60	6.33
70156LCWS	GWR Twin tank milk wagon (London Co-Operative Society)	7.60	6.33
70157CWS	GWR 3000 gallon Milk tank wagon (Co-Operative Wholesale Society)	7.60	6.33
70157EX	GWR 3000 gallon Milk tank wagon (Express Dairies)	7.60	6.33
70157WP	GWR 3000 gallon Milk tank wagon (West Park Dairy)	7.60	6.33
F7161	BR Shock absorbing wagon transfers	7.60	6.33
L7007	BR Transfers Explosive Hazard Diamond	6.30	5.25
70158	SECR/SR transfers for PLV/VanB/GUV etc	7.60	6.33

## 7mm SCALE NARROW GAUGE SECTION

For details of 7mm scale narrow gauge wheels, see page 27.

### 7mm SCALE NARROW GAUGE LOCOMOTIVE KITS (including motor, gears and wheels)

7L008	Leek & Manifold 2-6-4 (16.5mm Gauge) SG4 Motor	380.00	316.67
N7L02	Lynton & Barnstaple Railway 2-4-2T LYN SG4 Motor	380.00	316.67

### 7mm SCALE NARROW GAUGE COACH KITS (including wheels and scale couplings)

N7C01-14	Lynton & Barnstaple Railway No 15 or 16 - Brake Third (14mm Gauge)	80.00	66.67
N7C01-16	Lynton & Barnstaple Railway No 15 or 16 - Brake Third (16.5mm Gauge)	80.00	66.67
N7C02-14	Lynton & Barnstaple Railway Nos 7-10 - Third Observation (14mm Gauge)	80.00	66.67
N7C02-16	Lynton & Barnstaple Railway Nos 7-10 - Third Observation (16.5mm Gauge)	80.00	66.67
xxxxx	Lynton & Barnstaple Railway Nos 5 & 6 - Composite (14mm Gauge)	NYA	NYA
xxxxx	Lynton & Barnstaple Railway Nos 5 & 6 - Composite (16.5mm Gauge)	NYA	NYA

### 7mm SCALE NARROW GAUGE WAGON KITS (including wheels and scale couplings)

N7W01	Lynton & Barnstaple Railway EARLY 4 TON OPEN WAGON (16.5mm Gauge)	22.00	18.33
N7W02	Lynton & Barnstaple Railway LATE 4 TON OPEN WAGON (16.5mm Gauge)	22.00	18.33
N7W03	Lynton & Barnstaple Railway 4 TON CLOSED VAN (16.5mm Gauge)	23.50	19.58

### 7mm SCALE NARROW GAUGE COACH BOGIE KITS

(Contains 2 bogies complete with wheels)

N7LBCB-14	Lynton & Barnstaple Railway Coach Bogies (14mm Gauge)	20.00	16.67
N7LBCB-16	Lynton & Barnstaple Railway Coach Bogies (16.5mm Gauge)	20.00	16.67

## GAUGE 1 SECTION

For details of Gauge 1 Wheels, see page 29.

### GAUGE 1 LOCOMOTIVE KITS

8L007	Midland Railway "Kirtley" 0-6-0 Goods Engine (double frame, "curved" footplate), as rebuilt by Johnson. Complete kit with wheels, gearbox/motor and transfers. (1:32 scale)	770.00	641.67
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### GAUGE 1 WAGON KITS

G100	BR 12 ton Standard Van (1:30.5)	95.00	79.17
G101	BR Meat Van (1:30.5)	95.00	79.17
G102	LMS Six wheel Milk tank wagon (1:32)	111.00	92.50
8024	Midland Railway 10 ton Covered Van (1:32) (with MR/LMS transfers)	95.00	79.17
8041	Charles Roberts 7 Plank P O Wagon side/end door RCH 1907 (1:32)	76.00	63.33

### GAUGE 1 WAGON ACCESSORIES 10mm

G9025	Instanter Coupling, (one pair)	10.65	8.88
G9026	3 Link Coupling (1:30.5) Split Pin Fixing (one pair)	10.65	8.88
G9154B	Wagon Bearings (Turned Brass) (4 per packet)	3.00	2.50
G9154BW	Wagon Bearings (Turned Brass - Waisted) (4 per packet)	3.00	2.50
G91546	W Irons (fully sprung) Retrofit G100 and G101	17.70	14.75
G91568	BR Wagon buffer, cast base/turned steel heads (set 4)	13.50	11.25
G102PEX	Etched nameplates for 6 wheel Milk tank (Express Dairies)	4.50	3.75

		Inc. VAT	Exc.VAT
G102PUD	Etched nameplates for 6 wheel Milk tank (United Dairies)	4.50	3.75
<b>GAUGE 1 WAGON ACCESSORIES 1/32nd</b>			
8155	3 Link Coupling (1:32) Screw Fixing (one pair)	11.00	9.17
81561	RCH Sprung Wagon Buffers (Gloucester)	13.50	11.25
81562	Midland Short / PO Wagon Buffers, set of 4	13.50	11.25
81565	1923 RCH (End Door) Wagon Buffers, set of 4	13.50	11.25
8965	MR Johnson Loco Numerals (etched brass)	6.50	5.42

### GAUGE 1 TRANSFERS

80141	Midland Railway post-1906 Locomotive Crests (pair)#	3.00	2.50
80142	Midland Railway/early LMS Loco Lettering (gold, shaded)#	9.50	7.92
G102EX	LMS 3000 gallon 6 wheel Milk tank wagon (Express Dairies)#	8.65	7.21
G102IMS	LMS 3000 gallon 6 wheel Milk tank wagon (Independent Milk Supplies)#	8.65	7.21
G102UD	LMS 3000 gallon 6 wheel Milk tank wagon (United Dairies)#	8.65	7.21
80146	Midland/early LMS Wagon & van lettering#	8.65	7.21
8041K	Charles Roberts 7 Plank P O Wagon Lettering (Sir John L L Kaye Bart.)*	6.75	5.63
8041M	Charles Roberts 7 Plank P O Wagon Lettering (Manvers Main)*	6.75	5.63
8041P	Charles Roberts 7 Plank P O Wagon Lettering (Prince of Wales Colliery)*	6.75	5.63
8041V	Charles Roberts 7 Plank P O Wagon Lettering (Vauxhall)*	6.75	5.63
8041Y	Charles Roberts 7 Plank P O Wagon Lettering (Ystradgynlais)*	6.75	5.65

# - Spirit fix type ("Methfix"). \* - Waterslide type (Decal)

## 1:32 SCALE NARROW GAUGE SECTION

For details of 1:32 scale narrow gauge wheels, see page 31.

### 1:32 SCALE LOCOMOTIVE KITS (including motor, gears and wheels)

32L01	Ruston & Hornsby 16/20hp 4w Diesel Locomotive - 2ft gauge (¾in) or 20" gauge (16.5mm) from the same kit. New chassis design.	NYA	NYA
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### 1:32 SCALE WAGON KITS (includes wheels to stated gauge)

32W01	Hudson 'Rugga' Skip Wagon - 2ft gauge (¾in) - Pack of 3	55.00	45.83
32W51	Hudson 'Rugga' Skip Wagon - 20" gauge (16.5mm) - Pack of 3	55.00	45.83
32W02	Hudson Flat Wagon - 2ft gauge (¾in) - Pack of 3	55.00	45.83
32W52	Hudson Flat Wagon - 20" gauge (16.5mm) - Pack of 3	55.00	45.83

## GAUGE 3 SECTION

For details of Gauge 3 wheels, see page 32.

### GAUGE 3 LOCOMOTIVE KITS

G3L007	Midland Railway "Kirtley" 0-6-0 Goods Engine (double frame, "curved" footplate), as rebuilt by Johnson. Complete kit with wheels, gearbox/motor.	NYA	NYA
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### GAUGE 3 WAGON KITS (including wheels)

G3W024	Midland Railway 10 ton Covered Van (with MR/LMS transfers)	147.00	122.50
G3W027	Midland Railway 5 Plank Side Door Only	92.50	77.08
G3W028	Midland Railway 5 Plank Side & End Door	92.50	77.08
G3W032	Midland Railway 4 wheeled 10 ton Brake Van	147.00	122.50

### GAUGE 3 ACCESSORIES

G3965	MR Johnson Loco Numerals (etched brass)	10.50	8.75
G30708	Midland Railway Safety Valve Cover (cast brass)	12.60	10.50
MG3023	Working Screw Link Couplings. Turned steel screw components and cast nickel silver links (one pair of couplings)	16.00	13.33
G3155	3 Link Wagon Couplings. Cast Hook; Steel Links (with springs & nuts)	10.75	8.96
G31562	Midland Short / PO Wagon Buffers, set of 4	15.00	12.50
G31565	1923 RCH (End Door) Wagon Buffers, set of 4	15.00	12.50
G31565A	1923 RCH (Side Door Only) Wagon Buffers, set of 4	15.00	12.50
G31561	Gloucester (1887 RCH Ribbed Wagon Buffers, set of 4	15.00	12.50
G31561A	Gloucester (1887 RCH Ribbed Wagon Buffers; 2 with steps, 2 without	15.00	12.50
G305301	MR Brake Van Interior Detailing Pack (Brake Column & Stove).Cast Brass	15.00	8.75
G3205	GWR Coach Door Handles (lost wax brass) sprue of 7	5.40	4.50
G3218	GWR Coach Door Hinges (lost wax brass) sprue of 18	5.40	4.50
G3219	GWR Coach Door Bangers (lost wax brass) sprue of 13	5.40	4.50



		Inc. VAT	Exc.VAT
G3220	GWR Coach Grab Handles (lost wax brass) sprue of 10	5.40	4.50
G3221	GWR Coach Guard's Door Handles (lost wax brass) sprue of 4	5.40	4.50
XG3W0273	Midland Railway Etched wagon work plates Side Door only Ready Painted	10.00	8.33
XG3W0283	Midland Railway Etched wagon work plates Side End Door Ready Painted	10.00	8.33

## 16mm SCALE NARROW GAUGE SECTION

Where applicable, all items are for 32mm gauge only. For details of 16mm scale wheels, see page 31.

### 16MM LOCOMOTIVE KITS (including motor, gear box and wheels)

16L001	DeWinton "Chaloner" Vertical Boiler Locomotive	300.00	250.00
16L02	Hunslet "Rough Pup" 0-4-0ST Locomotive	365.00	304.17
16L03	Festiniog Railway "Prince" 0-4-0ST+Tender Locomotive	445.00	370.83
16L04	WDLR 20hp Simplex petrol locomotive	380.00	316.67
16L05	WDLR Baldwin 4-6-0T Locomotive	730.00	608.33

### 16MM WAGON KITS (including wheels)

16W01	Dinorwic Slate Wagon with single flanged wheels	22.50	18.75
16W02	Dinorwic Slate Wagon with Double Flanged Wheels	24.50	20.42
16W03	Festiniog Railway 2 Ton Braked Slate Wagon	29.00	24.17
16W04	Festiniog Railway 2 Ton Unbraked Slate Wagon	29.00	24.17
16W05	WDLR D Type Bogie Open Wagon	81.00	67.50
16W06	WDLR K Type 'Skip' Wagon (Side Tipping)	24.00	20.00
16W07	WDLR A Type 4w Open Wagon	37.50	31.25
16W08	Dinorwic Slab Wagon with Double Flanged Wheels	27.00	22.50
16W09	Dinorwic Rubbish Wagon with Double Flanged Wheels	27.00	22.50

### 16MM COACH KITS (including wheels)

16C01	Festiniog Railway 'Ashbury' First Class 4-wheel Coach	80.00	66.67
16C02	Festiniog Railway 'Ashbury' Third Class 4-wheel Coach	80.00	66.67

### 16MM BOGIE KITS (including wheels)

16B01	WDLR bogies (pair)	50.00	41.67
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### 16MM ACCESSORIES

16T01	Festiniog Railway 'S' Rail Chairs in whitemetal (pack of 50)	9.00	7.50
16T02	Dinorwic Quarry Rail Chairs in whitemetal (pack of 50)	9.00	7.50
16A01	Dummy Square Nuts - Sprue of 21 - Lost Wax Cast Brass	5.00	4.17
16A02	Handrail Knobs (for 1.6mm handrails) 3" (4mm) surface to C/L (Pack 10)	9.50	7.92
16A03	Festiniog Railway Slate Wagon Side Bolt Axleboxes, whitemetal (set of 4)	5.50	4.58
16A04	Festiniog Railway Slate Wagon Plain Axleboxes, whitemetal (set of 4)	5.50	4.58
16A05	FR/Tallylyn 'Wooden' Slate Wagon Axleboxes, whitemetal (set of 4)	5.50	4.58
16A06	Dinorwic Slate Wagon Axleboxes, whitemetal (set of 4)	5.50	4.58
16A07	Festiniog Ashbury coach buffer & coupling hook in Brass (pair)	11.00	9.17
16A08	Festiniog Ashbury coach door & grab handles in Brass (for 4 doors)	8.00	6.67
16A09	Vacuum Pipe Assembly (including flexible rubber) (pair)	10.30	8.58
16A10	Festiniog Loco Buffer Assembly (sprung, with steel head & brass housing)	10.00	8.33
16A11	Standard Chopper Couplings (lost wax brass castings) (pair)	10.00	8.33
16A12	War Department Couplings (lost wax brass castings) (pair)	10.00	8.33
16A13	Dinorwic Slate Wagon Couplings (lost wax brass castings) (pair)	5.50	4.58
16A14	Festiniog Railway Wagon Coupling Hooks & Links	5.50	4.58
16A15	Locomotive Reversing Lever (including stand) (Lynton & Barnstaple Manning Wardle)	7.50	6.25
16A16	Locomotive Combination Ejector (Lynton & Barnstaple Manning Wardle)	6.00	5.00
16A17	Locomotive Injector (L & R Pair) (Lynton & Barnstaple Manning Wardle)	6.30	5.25
16A18	Lynton & Barnstaple Railway "Concrete" Fence Posts (20 posts - makes up 10 to 12 feet of fencing). Requires suitable "wire".	7.50	6.25
16A19	Cast brass dummy springs for Slate Quarry Hunslet (set of 4)	7.50	6.25

### 16MM NAMEPLATES AND WORKPLATES

16P01	Velinheli - Hunslet 409 of 1886 (4 items) (Dinorwic Quarry)	6.80	5.67
16P02	Welsh Pony with 1867 and 1915 works plates (10 items) (Festiniog Rly)	12.25	10.21
16P03	No 1 (pair -2 items) (original identity of "Rough Pup")	5.45	4.54
16P04	Post-1955 works plates for "Prince" (4 items) (Festiniog Railway)	5.45	4.54
16P05	Little Giant with 1867 and 1904 works plates (8 items) (Festiniog Rly)	12.25	10.21
16P06	Livingston Thompson with with Fairlies Patent and 1885 and 1905		



		Inc. VAT	Exc.VAT
	works plates (8 items) (FR)	12.94	10.78
X16L0326	Prince nameplates with 1898 and 1922 works plates (9 items) (Festiniog Railway)	12.25	10.21
16P07	Princess nameplates with numberplates and 1905 works plates (6 items) (Festiniog Railway)	12.25	10.21
16P08	Palmerston nameplates with 1910 and 1933 works plates (6 items) (Festiniog Railway)	12.25	10.21
16P09	James Spooner with Fairlies Patent, Avonside works plates and 1908 rebuild plates (8 items) (FR)	12.95	10.79
16P10	Merddin Emrys with Fairlies Patent, numberplates and 1920 rebuild plates (8 items) (FR)	12.95	10.79

## 7/8" SCALE NARROW GAUGE SECTION

For 45mm gauge only. For details of 7/8" scale wheels, see page 31.

### SEVEN EIGHTH SCALE WAGON KITS (including wheels)

22W04	Festiniog Railway 2 Ton Unbraked Slate Wagon	65.00	54.17
22W06	WDLR K Type 'Skip' Wagon (Side Tipping)	55.00	45.83

## 5 inch GAUGE SECTION

For details of 5" gauge wheels, see page 32.

### 5" GAUGE WAGON ACCESSORIES

5156	12" Turned Steel Buffer Head and Shank (Set of 4)	16.00	13.33
51565	13" Turned Steel Buffer Head and Shank (Set of 4)	16.00	13.33
51565A	Cast Brass Buffer Base - 1923 RCH (Left and Right Hand Pair)	26.40	22.00
51565B	Cast Brass Buffer Base - 1923 RCH With End Door upstand (Pair)	26.40	22.00

**Note: End door wagons require one pair of each; fixed end wagons require 2 pairs of 51565A. Both require a set of 51565 heads.**

# 7mm Scale Locomotive Wheels

All locomotive wheelsets comprise 2 wheels and an axle. Most 7mm driving and bogie/tender wheels have a 3/16" square-ended axle with fixing screws. Some wheelsets (as marked, and mostly smaller sizes) have a 1/8" axle. Wheelsets marked O/C have an extended axle (these too are now square ended) to take outside cranks, which are now included.

If you do not already possess one, you will need a suitable Allen Key for the axle screws. The majority (with 3/16" axles) need our **X78001**, whilst those with a 1/8" axle, and those marked O/C require **X78003**.

Driving Wheels come complete with short crankpins (for coupling rods only). If you require crankpins to take coupling and connecting rods (usually one set on a locomotive with outside cylinders) you will need a long crankpin conversion set (**7805**). These accessories are listed on page 26.

Ref. No.	Description	Throw	Crankpin	Notes	Inc.VAT	Exc.VAT
7824	2'-0" 6 Spoke Trailing Wheel (Selsey Tramway)				16.00	13.33
7830R	2'-6" 4 Hole Disc Diesel Driving Wheel (Ruston & Hornsby)				16.00	13.33
7830SL	2'-6" 8 Spoke Bogie Wheel (1/8" axle) (Swedish)				16.00	13.33
7832BP	2'-8" 4 Hole Disc Bogie Wheel (1/8" axle) LNER Garratt				16.00	13.33
7832D	2'-8" Plain Disc Bogie Wheel				16.00	13.33
7832GN	2'-8" 10 Spoke Bogie Wheel (1/8" axle)				16.00	13.33
7832HR	2'-8" 8 Spoke Bogie Wheel (1/8" axle)				16.00	13.33
7832MW	2'-8" 10 Spoke Driving Wheel (1/8" axle) (Manning Wardle)	7"	PB	DB	22.00	18.33
7833A	2'-9" 9 Spoke Bogie Wheel (1/8" axle)				16.00	13.33
7833TV	2'-9" 9 Spoke Driving Wheel (1/8" axle) (TVR Class 'S')	7"	IL		22.00	18.33
7836F	3'-0" 8 Spoke Driving Wheel (1/8" axle) Fowler Diesel	8"	PB		22.00	18.33
7836ST	3'-0" 9 Spoke Bogie Wheel (LMS Stanier Pacifics)			BR	16.00	13.33
7836SW	3'-0" 9 Spoke Bogie Wheel (5/32" axle with 3/16" bushes) LSWR				16.50	13.75
7836Y	3'-0" Disc Driving Wheel (1/8" axle) (L&Y Pug)	8"		2HD	22.00	18.33
7836Y8	3'-0" 9 Spoke Driving Wheel (1/8" axle) (LNER Y8)	10"	PB		22.00	18.33
7837	3'-1" 10 Spoke Bogie Wheel (General Pattern)				16.00	13.33
7837GP	3'-1" 9 Spoke Bogie Wheel (General Pattern)				16.00	13.33
7837K	3'-2" 8 Spoke Driving Wheel (Kitson Industrial)	9"	IL		22.00	18.33
7837MW	3'-1" 10 Spoke Driving Wheel (1/8" axle) (Manning Wardle)	8½"	PB	DB	22.00	18.33
7837NE	3'-1" 12 Spoke Bogie Wheel (G5, A2, A7 and T1)				16.00	13.33
7837NW	3'-1" 10 Spoke Bogie Wheel (LNWR type)			FF	16.00	13.33
7837S	3'-1" 10 Spoke Bogie Wheel (SR Lord Nelson and Schools)				16.00	13.33
7837WT	3'-1" 10 Spoke Driving Wheel (1/8" axle) (Wantage Tramway)	6"	PB		22.00	18.33
7838	3'-1" Bulleid-Firth-Brown Bogie Wheel (SR Pacifics)			BFB	16.00	13.33
7838P	3'-1" 11 Spoke Driving Wheel (Peckett)	10"	IL		22.00	18.33
7838G	3'-2" 10 Spoke Bogie Wheel (LNER Gresley)				16.00	13.33
7838I	3'-2" 11 Spoke Industrial Driver (Kerr Stuart)	10"	IL		22.00	18.33
7838WD	3'-2" Disc Bogie/Tender (Riddles 2-8-0 and 2-10-0)				16.00	13.33
7839	3'-3" 10 Spoke Bogie (General Pattern)				16.00	13.33
7839H	3'-3" 8 Spoke Wheel (H.R. 0-6-4T Banker)				16.00	13.33
7839HC	3'-3" 12 Spoke Driving Wheel (Easingwold) Hudswell Clarke	10"	PB		22.00	18.33
7839BR	3'-3" 10 Spoke Stanier Bogie (Stanier/BR General Pattern)			BR	16.00	13.33
7839I	3'-3" 10 Spoke Driving Wheel (Hudswell Clarke)	10"	PB		22.00	18.33
7842	3'-6" 10 Spoke Bogie Wheel (General Pattern)				16.00	13.33
7842/02	3'-6" 10 Spoke Driving Wheel (BR Diesel Class 02)	10"	PB		22.00	18.33
7842/07	3'-6" 12 Spoke Driving Wheel (BR Diesel Class 07)	10"	PB		22.00	18.33
7842MC	3'-6" 10 Spoke Driving Wheel (Markham Industrial)	10"	IL	DB	22.00	18.33
7842W	3'-6" 10 Spoke GWR Railmotor (GWR Railmotor 1903)	8"	PB		22.00	18.33
7843	3'-7" 10 Spoke Bogie/Tender Wheel (General Pattern)				16.00	13.33
7843/03	3'-7" 10 Spoke Driving Wheel (BR Diesel Class 03)	10"	IL		22.00	18.33
7843/04	3'-7" 8 Spoke Driving Wheel (BR Diesel Class 04)	10"	IL		22.00	18.33
7843I	3'-7" 10 Spoke Industrial Driver (Hunslet)	10"	IL		22.00	18.33

Ref. No.	Description	Throw	Crankpin	Notes	Inc.VAT	Exc.VAT
7843IB	3'-7" 8 Spoke Industrial Driver (Barclay)	11"	IL	FF	22.00	18.33
7843NB	3'-7" 11 Spoke Driving Wheel (NB Diesel)			NC	16.00	13.33
7843NE	3'-7" 12 Spoke Bogie/Tender (LNER & NER)				16.00	13.33
7843SW	3'-7" 10 Spoke Bogie/Tender Wheel (LSWR T9)				16.00	13.33
7843Y	3'-7" 10 Spoke Driving Wheel (LNER Y7)	8"	IL		22.00	18.33
7844	3'-7" Bulleid-Firth-Brown Tender/Bogie Wheel (SR Pacific)			BFB	16.00	13.33
7844C	3'-8" 12 Spoke Driving Wheel (Caledonian "Pug")	8"	IL		22.00	18.33
7844DT	3'-8" 10 Spoke Driving Wheel (GWR Dock Tank)	10"	PB		22.00	18.33
7844T	3'-8" 8 Spoke Driving Wheel 'T' Section	10"	PB		22.00	18.33
7845	3'-9" 10 Spoke Trailing/Tender Wheel (LNWR/General pattern)				16.00	13.33
7845E	3'-9" 12 Spoke Tender Wheel				16.00	13.33
7845GC	3'-9" 11 Spoke Trailing Wheel (LNER C13, 14, 15, N11, 12, 13)				16.00	13.33
7845H	3'-9" 10 Spoke Trailing Wheel 'H' Section (LNWR - Coal Tank)				17.00	14.17
7845NW	3'-9" 10 Spoke Driving Wheel (LNWR Railmotor, K14, Drummond S14, and SE & CR Class P)	7"	IL		22.00	18.33
7845S	3'-9" 11 Spoke Trailing Wheel (LMS Duchess)			BR	16.00	13.33
7845ST	3' 9" 10 Spoke Stanier Trailing Wheel (LMS/BR)			BR	16.00	13.33
7845SW	3'-9" 10 Spoke Tender Wheel (LSWR)				16.00	13.33
7846M	3'-9" 12 Spoke Driving Wheel	11"	IL		22.00	18.33
7846P	3'-10" 11 Spoke Driving Wheel (Peckett)	11"	IL		22.00	18.33
7846SW	3'-9" 10 Spoke Driving Wheel (LSWR B4)	11"	IL		22.00	18.33
7848	4' 0" 12 Spoke Tender/Bogie Wheel (SR Maunsell, LNER D20/21, A1, J1, J5, K1)		14		16.00	13.33
7848/14	4'-0" 12 Spoke Driving Wheel (BR Diesel Class 14)	9"	IL		22.00	18.33
7848E	4'-0" 12 Spoke Driving Wheel (NER J72)	11"	IL		22.00	18.33
7848FT	1200mm 10 spoke Tender Wheel (Paris-Orlean 2-4-2)				16.00	13.33
7848FB	1200mm 12 spoke Bogie Wheel (Paris-Orlean 2-4-2)				16.00	13.33
7848GE	4'-0" 10 Spoke Bogie/Tender Wheel (LNER D13, D15, J15, J20)				16.00	13.33
7848GNS	4'-0" 12 "Square" Spoke Bogie Wheel (GNR Stirling Single)				16.00	13.33
7848H	4'-0" 10 'H' Spoke Driving Wheel (LNER 0-4-0T)	8½"	PB		24.50	20.42
7848LB	4'-0" 12 Spoke Driving Wheel (LBSC Terrier)	9"	IL		22.00	18.33
7848LO	4'-0" 'Plug' Disc Driving Wheel (S&D Locomotion) 1/8th axle	11"	PB	Special	23.50	19.58
7848NE	4'-0" 10 Spoke Driving Wheel (LNER J65-J69)	11"	PB		22.00	18.33
7848SD	4'-0" 13 Spoke Driving Wheel (S & DJR class 1-9)	11"	PB		22.00	18.33
7848SW	4'-0" 10 Spoke Trailing Wheel (LSWR)				16.00	13.33
7848W	4'-0" 12 Spoke Driving Wheel (GWR Railmotor 1904 onwards)	8"	PB		22.00	18.33
7849	4'-1" 12 Spoke Tender Wheel (GWR Tender)				16.00	13.33
7849GW	4'-1" 10 Spoke Driving Wheel (GWR 44XX)	12"	IL		22.00	18.33
7849O/C	4'-1" 12 Spoke Driving Wheel (MR Well Tank)			OC	25.20	21.00
7849H	4'-1" 12 Spoke Driving Wheel H Section (GWR 850 Class)	12"	IL		24.50	20.42
7849W	4'-1" 12 Spoke Driving Wheel (GWR 2021 and 850 0-6-0ST)	10"	IL		22.00	18.33
7851	4'-3" 12 Spoke Tender Wheel (General Pattern)				16.00	13.33
7851B	4'-3" 12 Spoke Driving Wheel (Bagnall)	13"	PB		22.00	18.33
7851G	4'-3" Disc Tender Wheel (LNER A4, W1)				16.00	13.33
7851H	4'-3" 12 'H' Spoke Driving Wheel (LNWR 0-4-2T)	12"	PB		23.50	19.58
7851I	4'-3" 14 Spoke Driving Wheel (Austerity J.94)	11½"	PB		22.00	18.33
7851K	4'-3" 13 Spoke Driving Wheel (Barry Railway Classes H and K)	13"	PB		22.00	18.33
7851M	4'-3" 10 Spoke Leading Wheel (General Pattern)				16.00	13.33
7851ST	4'-3" 12 Spoke Tender Wheel (LMS Stanier Locomotives)			BR	16.00	13.33
7851T7	4'-3" 16 Spoke Driving Wheel (DB Class T7)		IL		22.00	18.33
7853H	4'-5" 12 Spoke Driving Wheel H Section (LNWR Coal Tank, G1 and G2)	12"	PB		24.50	20.42

Ref. No.	Description	Throw	Crankpin	Notes	Inc.VAT	Exc.VAT
7853HF	4'-5" 12 Spoke Driving Wheel H Section (LNWR Coal Tank, G1 and G2) Flangeless	12"	PB	FL	27.50	22.92
7853SL	4'-5" 14 Spoke Driving Wheel	8½"	PB		22.00	18.33
7853Y	4'-5" 13 Spoke Driving Wheel (L & Y types)	11"	PB		22.00	18.33
7853LB	4'-6" 14 Spoke Trailing Wheel (LBSCR/SR D1)				16.00	13.33
7854/08	4'-6" 14 Spoke Driving Wheel (BR Diesel Classes 08, 12 & 13)			OC	25.20	21.00
7854CR	4'-6" 10 Spoke Driving Wheel T Section (CR Jubilee and Pug)	10"	IL		22.00	18.33
7854HR	4'-6" 13 Spoke Driving Wheel (Highland Railway)	10"	PB		22.00	18.33
7854LB	4'-6" 14 Spoke Driving Wheel (LBSC/SR Class E1)	9"	IL		22.00	18.33
7854NB	4'-5" 14 Spoke Driving Wheel (LNER Class N14 and N15)	10"	IL		22.00	18.33
7854S	4'-6" 11 Spoke Driving Wheel (SR Dock Tank USA Class)	12"	IL		22.00	18.33
7854SW	4'-6" 14 Spoke Driving Wheel (Ilfracombe Goods)	10"	IL		22.00	18.33
7855	4'-7" 15 Spoke Driving Wheel (MR Johnson, Jinty 0-6-0)	12"	IL		22.00	18.33
7855A7	4'-7" 15 Spoke Driving Wheel (Austin 7 LMS 7F)	12	PB		22.00	18.33
7855 O/C	4' 7" 14 Spoke Driving Wheel (GWR Kruger)			OC	25.20	21.00
7855E	4'-7" 14 Spoke Driving Wheel (LNER, J71 and J73)	11"	IL		22.00	18.33
7855EP	4'-8" 14 Spoke Driving Wheel (GWR Early Prairie)	12"	IL		22.00	18.33
7855GN	4'-8" 14 Spoke Driving Wheel (LNER 02)	13"	PB		22.00	18.33
7855GNS	4'-7" 13 "Square" Spoke Trailing Wheel (GNR Stirling Single)				16.00	13.33
7855GW	4'-7" 14 Spoke Driving Wheel (GWR)	15"	IL		22.00	18.33
7855GW42	4'-7" 14 Spoke Driving Wheel (GWR 42xx)	15"	IL		22.00	18.33
7855GWR	4'-7" 16 Spoke Driving Wheel (GWR classes 1854 and 2721)	10"	PB		22.00	18.33
7855GWT	4'-7" 14 Spoke Trailing Wheel				16.00	13.33
7855LF	4'-8" 14 Spoke Trailing Wheel (GWR DeGlehn/La France)				16.00	13.33
7855NW	4'-7" 13 Spoke Driving Wheel (LNWR type)	10"	PB	FF	22.00	18.33
7855W	4' 7" 14 Spoke Driving Wheel (LNE J50/J 53, GW 45XX/ROD)	12"	PB		22.00	18.33
7855WP	4'-7" 14 Spoke Driving Wheel (57XX, 64XX, 74XX and 94XX)	10"	PB		22.00	18.33
7856S	4'-8" 15 Spoke Driving Wheel (Stanier 8F)	14"	PB	BR	22.00	18.33
7856SD	4'-8" 15 Spoke Driving Wheel	14"	PB		22.00	18.33
7856WD	4'-8" Driving Wheel (Riddles 2-8-0 and 2-10-0)	14"	PB	FG	22.00	18.33
7856WDF	4'-8" Driving Wheel (Riddles 2-8-0 and 2-10-0) (Flangeless)	14"	PB	FG	25.20	21.00
7858GE	4'-10" 15 Spoke Driving Wheel	11"	IL		22.00	18.33
7858LB	4'-10" 16 Spoke Bogie Wheel (LBSCR)				16.00	13.33
7858E	4'-10" 15 Spoke Driving Wheel (LNER J19, N7)	12"	PB		22.00	18.33
7858M	4'-10" 14 Spoke Driving Wheel (MR Class 3130)	12"	IL		22.00	18.33
7858SW	4'-10" 16 Spoke Driving Wheel (Adams, 02, G6)	12"	IL		22.00	18.33
7860	5'-1" Bulleid-Firth-Brown Driving Wheel (SR Q1)	13"		BFB	22.00	18.33
7860B2	5'-0" 15 Spoke Driving Wheel (BR Class 2MT)	12"	PB	BR	22.00	18.33
7860B9	5'-0" 15 Spoke Driving Wheel (BR Class 9F)	14"	PB	BR	22.00	18.33
7860B9F	5'-0" 15 Spoke Driving Wheel (BR Class 9F) Flangeless	14"	PB	BR FL	25.20	21.00
7860CR	5'-0" 16 Spoke Driving Wheel (CR)	9"	IL		22.00	18.33
7860H	5'-0" 15 Spoke Driving Wheel (HR Barney)	9"	PB		22.00	18.33
7860Q	5'-0" 16 Spoke Driving Wheel (SR Maunsell Class Q)	12"	IL		22.00	18.33
7861	5'-1" 16 Spoke Driving Wheel (Fowler 3F)	11"	PB		22.00	18.33
7861GN	5'-1" 16 Spoke Driving Wheel (LNER J5 and J6, GNR J22)	12"	PB		22.00	18.33
7861I	5'-1" 16 Spoke Driving Wheel (LNER McDonnell 0-6-0, J22)	10"	IL		22.00	18.33
7861LY	5'-1" 15 Spoke Driving Wheel (L & Y Aspinall 0-6-0)	12"	IL		22.00	18.33
7861NE	5'-1" 15 Spoke Driving Wheel (LNER J11, GCR 9J)	11"	PB		22.00	18.33
7861T18	5'-1" 18 Spoke Driving Wheel (DB T18)	12"	IL		22.00	18.33
7862O/C	5'-2" 16 Spoke Driving Wheel (MR Kirtley Class 1200)			OC	25.20	21.00
7862GW	5'-2" 16 Spoke Driving Wheel (GWR Dean Gds & Collett 2251)	10"	PB		22.00	18.33
7862NE	5'-2" 16 Spoke Driving Wheel (LNER L1 and K4)	13"	PB		22.00	18.33



Ref. No.	Description	Throw	Crankpin	Notes	Inc.VAT	Exc.VAT
7862NW	5'-2" 15 Spoke Driving Wheel (LNW Cauliflower/Watford Tank)	12"	PB		22.00	18.33
7862W	5'-2" 16 Spoke Driving Wheel (GWR)	10"	IL		22.00	18.33
7863	5'-3" 16 Spoke Driving Wheel (MR Deeley and Fowler 0-6-0)	11"	IL		22.00	18.33
7863HR	5'-3" 15 Spoke Driving Wheel (Highland Jones Goods)	13"	PB		22.00	18.33
7863B3	5'-3" 16 Spoke Driving Wheel (BR 3MT and 4MT)	13"	PB	BR	22.00	18.33
7863GW31	5'-3" 18 Spoke Driving Wheel (GWR Collett 31xx)	15"	PB		22.00	18.33
7866HC	5'-6" 17 Spoke Driving Wheel (LMS 5P and 4F, Hughes Crab)	12"	IL		22.00	18.33
7866LB	5'-6" 18 Spoke Driving Wheel (LBSCR and SR Class D1)	9"	IL		22.00	18.33
7866MSW	5'-6" 18 Spoke Driving Wheel (M&SWJR)	12"	IL		22.00	18.33
7866N	5'-6" 17 Spoke Driving Wheel (SR Class N)	14"	PB		22.00	18.33
7866SE	5'-6" 16 Spoke Driving Wheel (SE & CR Class H)	11"	IL		22.00	18.33
7866ST	5'-6" 17 Spoke Driving Wheel (LMS and BR Stanier Mogul)	13"	PB	BR	22.00	18.33
7866SW	5'-7" 18 Spoke Driving Wheel (Beattie Well Tank)	10"	IL		22.00	18.33
7867	5'-7" 18 Spoke Driving Wheel (LNER, V1, V3, V4, N1, N2, K3, A1, L & Y K2/K3)	12"	PB		22.00	18.33
7867E	5'-7" 16 Spoke Driving Wheel (NER)	11"	PB		22.00	18.33
7867L	5'-7" 18 Spoke Driving Wheel (LSWR M7)	9"	IL		22.00	18.33
7867M	5'-7" 17 Spoke Driving Wheel (MR Flatiron )	11"	PB		22.00	18.33
7867S	5'-7" 18 Spoke Driving Wheel (LSWR Adams Radial)	11"	IL		22.00	18.33
7867S15I	5'-7" 18 Spoke Driving Wheel (SR Maunsell S15)	14"	IL		22.00	18.33
7867S15P	5'-7" 18 Spoke Driving Wheel (LSWR Urie S15)	14"	PB		22.00	18.33
7867SW	5'-7" 18 Spoke Driving Wheel (LSWR)	12"	PB		22.00	18.33
7868B4	5'-8" 18 Spoke Driving Wheel (BR Class 4MT)	15"	PB	BR	22.00	18.33
7868B16	5'-8" 20 Spoke Driving Wheel (LNER B16)	13"	IL		22.00	18.33
7868GW	5'-8" 18 Spoke Driving Wheel (GWR 51XX and 61XX)	15"	PB		22.00	18.33
7868GW51	5' 8" 18 Spoke Driving Wheel (Collett version)	15"	PB		22.00	18.33
7868LY	5'-8" 17 Spoke Driving Wheel (L & Y Barton Wright 0-4-4 tank)	8"	PB		22.00	18.33
7868NW	5'-8" 16 Spoke Driving Wheel (LNWR Webb Tank)	10"	PB		22.00	18.33
7868O/C	5'-8" 18 Spoke Driving Wheel (GWR Bulldog, Duke etc)			OC	25.20	21.00
7868W	5'-8" 18 Spoke Driving Wheel (GWR Moguls, Granges etc.)	15"	IL		22.00	18.33
7869CR	5'-9" 20 Spoke Driving Wheel (CR)	8"	IL		22.00	18.33
7869E	5'-9" 18 Spoke Driving Wheel (LNER C15, C16)	10"	IL		22.00	18.33
7869F	5'-9" 17 Spoke Driving Wheel (French)	13"	IL		22.00	18.33
7869M	5'-9" 18 Spoke Driving Wheel (LNER M2 and H2)	12"	PB		22.00	18.33
7869ST	5'-9" 18 Spoke Driving Wheel (Stanier 2-6-4T)	14"	PB	BR	22.00	18.33
7872	6'-0" 20 Spoke Driving Wheel (General Pattern)	12"	PB		22.00	18.33
7872O/C	6'-0" 18 Spoke Driving Wheel (General Pattern)			OC	25.20	21.00
7872GWH	6'-0" 20 Spoke Driving Wheel (GWR Hall)	15"	PB		22.00	18.33
7872H	6'-0" 19 Spoke Driving Wheel (HR Small Ben and Big Ben)	9"	PB		22.00	18.33
7872HB	6'-0" 18 Spoke Driving Wheel (Hull & Barnsley Class C)	12"	IL		22.00	18.33
7872NE	6'-0" 20 Spoke Driving Wheel (LNER D32)	10"	IL		22.00	18.33
7872ST	6'-0" 19 Spoke Driving Wheel (LMS Stanier Class 5)	12"	PB	BR	22.00	18.33
7872SW	6'-0" 20 Spoke Driving Wheel (LSWR)	12"	IL		22.00	18.33
7872U	6'-0" 19 Spoke Driving Wheel (SR Class U)	14"	PB		22.00	18.33
7873CR	6'-1" 22 Spoke Driving Wheel (CR Classes 60 and 956)	13"	IL		22.00	18.33
7874	6'-2" Bulleid-Firth-Brown Driving Wheel (SR Bullied Pacific)	13"		BFB	22.00	18.33
7874O/C	6'-2 18 Spoke Driving Wheel (MR)			OC	25.20	21.00
7874B5	6'-2" 20 Spoke Driving Wheel (BR Standard Class 5)	14"	PB	BR	22.00	18.33
7874B7	6' 2" 20 Spoke Driving Wheel (BR Standard Class 7)	14"	PB	BR	22.00	18.33
7874G	6'-2" 18 Spoke Driving Wheel (LNER V2 and B1)	13"	PB		22.00	18.33
7875GW	6'-3" 21 Spoke Driving Wheel (GWR County)	15"	PB		22.00	18.33
7875LY	6'-3" 19 Spoke Driving Wheel (L&YR)	13"	PB		22.00	18.33



Ref. No.	Description	Throw	Crankpin	Notes	Inc.VAT	Exc.VAT
7875NW	6'-3" 20 Spoke Driving Wheel (LNWR Experiment/Pr of Wales)	12"	IL		22.00	18.33
7878	6'-6" 22 Spoke Driving Wheel (General Pattern)	14"	PB		22.00	18.33
7878D	6'-6" 22 Spoke Driving Wheel (Drummond and McIntosh)	12"	IL		22.00	18.33
7878F	2000mm 21 Spoke Driving Wheel (Paris-Orlean 2-4-2)	325mm	PB		22.00	18.33
7878GE	6'-6" 20 Spoke Driving Wheel (LNER B12)	12"	PB		22.00	18.33
7878GWK	6'-6" 22 Spoke Driving Wheel (GWR King)	14"	PB		22.00	18.33
7878LBB	6'-6" 20 Spoke Driving Wheel (LBSCR Stroudley 'Belgravia')			OC	25.20	21.00
7878LBG	6'-6" 22 Spoke Driving Wheel (LBSCR Stroudley Class G)			OC	25.20	21.00
7878LTS	6'-6" 18 Spoke Driving Wheel (LT&SR 4-4-2T)	13"	IL		22.00	18.33
7878M	6'-6" 20 Spoke Driving Wheel (MR Johnson Cl 2, 999 & 1312)	12"	IL		22.00	18.33
7878NB	6'-6" 22 Spoke Driving Wheel (LNER D29/30)	10"	IL		22.00	18.33
7878ST	6'-6" 21 Spoke Driving Wheel (LMS 7P 'Princess')	14"	PB	BR	22.00	18.33
7878SW	6'-6" 22 Spoke Driving Wheel (LSWR T9)	9"	IL		22.00	18.33
7879SW	6'-7" 22 Spoke Driving Wheel (LSWR T3)	13"	IL		22.00	18.33
7880CT	6'-8" 22 Spoke Driving Wheel (County/County tank)	15"	IL		22.00	18.33
7880G	6'-8" 20 Spoke Driving Wheel (LNER Classes A3, A4, B17, & W1)	13"	PB		22.00	18.33
7880LF	6'-8" 20 Spoke Driving Wheel (GWR DeGlehn/La France)	13"	PB		22.00	18.33
7881F	6'-9" 21 Spoke Driving Wheel (LMS Fowler 6P Royal Scott)	13"	IL		22.00	18.33
7881M	6'-9" 22 Spoke Driving Wheel (MR Johnson 800)	13"	PB		22.00	18.33
7881NE	6'-9" 20 Spoke Driving Wheel (LNER D10, D11 Director, MR 207)	13"	IL		22.00	18.33
7881NW	6'-9" 20 Spoke Driving Wheel (LNWR Cloughton George V, Precursor, LMS Patriot (early batch) Large Boss	13"	IL		22.00	18.33
7881O/C	6'-9" 22 Spoke Driving Wheel (GC-Parker 6D, 6DB, LNER D8)			OC	25.20	21.00
7881ST	6'-9" 21 Spoke Driving Wheel (LMS Stanier Pacific)	14"	PB	BR	22.00	18.33
7881W	6'-8" 22 Spoke Driving Wheel (GWR)	13"	IL		22.00	18.33
7884	7'-0" 22 Spoke Driving Wheel (MR Johnson Classes 197, and 1327, Deeley 1005)	13"	IL		22.00	18.33
7884CR	7'-0" 24 Spoke Driving Wheel (CR 123 - Single Wheeler)			SW	22.00	18.33
7884GB1	7' 0" 20 Spoke Driving Wheel (LNWR 'Greater Britain')	12"	IL		22.00	18.33
7884GB2	7'-0" 20 Spoke Driving Wheel (LNWR 'Greater Britain')			NC	22.00	18.33
7884GE	7'-0" 21 Spoke Driving Wheel (LNER Classes D15 and 16)	11"	PB		22.00	18.33
7884NW	7'-0" 20 Spoke Driving Wheel (LNWR) Large Boss	12"	IL		22.00	18.33
7884O/C	7'-0" 22 Spoke Driving Wheel (GWR Armstrong)			OC	25.20	21.00
7884SE	7'-0" 20 Spoke Driving Wheel (SECR Class B/F/F1)	11	PB		22.00	18.33
7884Q	7'-0" 22 Spoke Driving Wheel (GWR Queen)			NC	22.00	18.33
7886LY	7'-2" 22 Spoke Driving Wheel (L & Y Aspinall 1400 Class)	9"	PB		22.00	18.33
7890C	7'-6" 22 Spoke Driving Wheel ("Crampton") Circular Boss	11"	IL		22.00	18.33
7890E	7'-6" 22 Spoke Driving Wheel (NE Q1, LNER D18)	12"	PB		22.00	18.33
7890M	7'-6" 20 Spoke Driving Wheel (MR Johnson -Single)			NC	22.00	18.33
7893GW	7'-9" 24 Spoke Driving Wheel (GWR 'single')			NC	25.20	21.00
7893NW	7'-9" 22 Spoke Driving Wheel (LNWR Lady)	12"	PB		25.20	21.00
7897	8'-1" 28 Spoke Driving Wheel (Caledonian)	12"	PB		25.20	21.00
7897GNS	8'-1" 24 Spoke Driving Wheel (GWR Stirling Single)	14"	PB		25.20	21.00

### 7mm Scale Mitchell/Finney Bogie and Tender Wheels

Specially produced for Mitchell, Finney, and some other kits, these comprise 2 wheels and one 5/32nd axle. If you require extended journal screw for outside bearings Ref 7319

7835MF	2'-11" 8 Spoke Bogie Wheel (GWR DeGlehn)				16.50	13.75
7836ARMF	3'-0" 9 Spoke Bogie Wheel (Adams Radial) ('Square Spokes')				16.50	13.75
7836KMF	3'-0" 10 Spoke Bogie Wheel (GWR King bogie,leading)				16.50	13.75
7836LYMF	3'-0" 9 Spoke Bogie Wheel (L&YR) ('Oval' Spokes)				16.50	13.75
7836MF	3'-0" 10 Spoke Bogie Wheel (GWR types)				16.50	13.75
7836STMF	3'-0" 9 Spoke Bevel Rim Bogie Wheel (LMS Stanier Pacifics)			BR	16.50	13.75

Ref. No.	Description	Throw	Crankpin	Notes	Inc.VAT	Exc.VAT
7837MF	3'-1" 10 Spoke Bogie Wheel (General Pattern)				16.50	13.75
7838GMF	3'-2" 10 Spoke Bogie Wheel (LNER Classes A3, A4 and V2)				16.50	13.75
7838MF	3'-1" Bulleid-Firth-Brown Bogie Wheel (SR Pacific)				16.50	13.75
7839STMF	3'-3" 10 Spoke Bogie Wheel				16.50	13.75
7842ARMF	3'-6" 10 Spoke Trailing Wheel (Adams Radial)				16.50	13.75
7843MF	3'-7" 10 Spoke Bogie/Tender (General Pattern)				16.50	13.75
7843NEMF	3'-7" 12 Spoke Bogie/Tender (LNER and NER)				16.50	13.75
7843SWMF	3'-7" 10 Spoke Tender Wheel (LSWR Class T9)				16.50	13.75
7844MF	3'-7" Bulleid-Firth-Brown Tender/Bogie Wheel (SR Pacific)				16.50	13.75
7845MF	3'-9" Disc Tender Wheel				16.50	13.75
7845SMF	3'-9" 11 Spoke Bevel Rim Trailing Wheel (LMS Duchess)			BR	16.50	13.75
7845SWMF	3'-9" 10 Spoke (LSWR)				16.50	13.75
7848MF	4'-0" 12 Spoke Tender Wheel				16.50	13.75
7849MF	4'-1" 12 Spoke Tender Wheel (GWR)				16.50	13.75
7851GMF	4'-3" Disc Tender Wheel (LNER Classes A4 and W1)				16.50	13.75
7851MF	4'-3" 12 Spoke Tender (General Pattern)				16.50	13.75
7851STMF	4'-3" 12 Spoke Bevel Rim Tender Wheel (LMS Stanier Locos)			BR	16.50	13.75

### 7mm Scale Diesel Bogie Wheels

Power Bogie wheelsets comprise 2 wheels and a 3/16" square-ended axle with fixing screws. The Trailing Bogie wheelset packs (†) have 4 wheels on 2 axles with 4 bearings.

B7832AU	2'-8" Disc Power Bogie Wheel (1/8 Axle)				16.00	13.33
B7836P†	3'-0" Disc Trailing Bogie Wheels (Class 40, 44, 45 & 46)				31.50	26.25
B7837	3'-1" Disc Power Bogie Wheel (DMU)				16.00	13.33
B7839	3'-3" Disc Power Bogie Wheel (BR Cl. 31 [centre] and H.S.T.)				16.00	13.33
B7839W	3'-3" Two hole Disc Power Bogie Wheel (BR Warship class)				16.00	13.33
B7842	3'-6" Plain Disc (LMS 10,000 & 10,001)				16.00	13.33
B7843	3'-7" Disc Power Bogie Whl. (BR Cl. 20, 26, 31[outer], 33, 37, 50 and 55)				16.00	13.33
B7843W	3'-7" Four hole Disc Power Bogie Wheel (BR Western class)				16.00	13.33
B7845	3'-9" Disc Power Bogie Wheel (BR Cl. 24,25,35,40,44-46,47,56,86 & 87)				16.00	13.33
B7848	4'-0" Disc Power Bogie Wheel (BR Cl. 71, 74, and 81 to 85)				16.00	13.33
7851G	4'-3" Disc Power Bogie Wheel (BR Class 76)				16.00	13.33

### Scale 7 Locomotive Wheels

The wheels listed are made for the Martin Finney 'Rover' kit, but may suit other BG locos. The driving wheels are mounted on a 3/16in axle (requiring our standard Allen key); the tender and carrying wheels are on a 5/32in axle.

Slater's also manufacture a small range of other Broad Gauge and also Standard Gauge Locomotive Wheels to S7 profile. These are sold exclusively by the Broad Gauge Society and the S7 Society (respectively), to whom enquiries should be addressed.

S7848RMF	4'-0" GWR Broad Gauge Tender Wheel				19.50	16.25
S7853RMF	4'-5" GWR Broad Gauge "Rover" Carrying Wheel				19.50	16.25
S7895R	8'-0" GWR Broad Gauge "Rover" Driving Wheel				25.00	20.83

### 7mm Coarse Scale Wagon & Coach Wheels

These wheelset packs have 4 wheels on 2 axles & 4 outside bearings.

7110	3'-1" 8 Split Spoke Coarse Standard Wagon Wheel				10.00	8.33
7111	3'-1" 8 Plain Spoke Coarse Standard Wagon Wheel				10.00	8.33
7112	3'-1" 3 Hole Disc Coarse Standard Wagon Wheel				10.00	8.33
7112D	3'-1" Plain Disc Fine Standard Wagon Wheel				10.00	8.33
7113	3'-7" 8 Split Spoke Coarse Standard Coach Wheel				10.00	8.33
7114	3'-7" Mansell Disc Coarse Standard Coach Wheel				10.00	8.33
7115	3'-7" Plain Disc Coarse Standard Coach Wheel				10.00	8.33
7117	3'-7" 8 Plain Spoke Coarse Standard Van Wheel				10.00	8.33

Ref. No.	Description	Throw	Crankpin	Notes	Inc.VAT	Exc.VAT
<b>7mm FineScale Wagon &amp; Coach Wheels</b>						
These wheelset packs have 4 wheels on 2 axles and 4 outside bearings.						
7120	3'-1" 8 Split Spoke Fine Standard Wagon Wheel				9.50	7.92
7120LOC	3'-1" 8 Split Spoke Fine Standard Wagon Wheel (Loch pattern - early type)				9.50	7.92
7121	3'-1" 8 Plain Spoke Fine Standard Wagon Wheel				9.50	7.92
7121AU	3'-1" 9 Plain Spoke Fine Standard Wagon Wheel				9.50	7.92
7122	3'-1" 3 Hole Disc Fine Standard Wagon Wheel				9.50	7.92
7122D	3'-1" Plain Disc Fine Standard Wagon Wheel				9.50	7.92
7123	3'-7" 8 Split Spoke Fine Standard Coach Wheel				9.50	7.92
7124	3'-7" Mansell Disc Fine Standard Coach Wheel (MR)				9.50	7.92
7124G	3'-7" Mansell Disc Fine Standard Coach Wheel (GWR)				9.50	7.92
7125	3'-7" Plain Disc Fine Standard Coach Wheel				9.50	7.92
7126	3'-1" 10 Spoke Fine Standard Wagon Wheel				9.50	7.92
7127	3'-7" 8 Plain Spoke Fine Standard Coach Wheel				9.50	7.92
7127GN	3'-7" 9 Plain Spoke Fine Standard Coach Wheel (GNSR + HR)				9.50	7.92
7128	3'-1" 8 Spoke Wagon Wheel (Bramah Pattern)				9.50	7.92
7129	2'-8" 8 Spoke Fine Standard Lowmac Wagon Wheel				9.50	7.92
7129AU	2'-8" 9 Spoke Fine Standard Wagon Wheel				9.50	7.92
7130	2'-8" Disc Fine Standard Lowmac Wagon Wheel				9.50	7.92
7130AU	2'-8" 8 Split Spoke Fine Standard Wagon Wheel				9.50	7.92
7131	3'-7" 10 Spoke Fine Standard Coach/Van Wheel				9.50	7.92
7132	3'-1" Mansell Disc Fine Standard (GWR type)				9.50	7.92
7133	4'-0" 12 Plain Spoke Fine Standard Coach Wheel				9.50	7.92
7134	3'-7" Disc Fine Standard Wagon Wheel (MGR Wagon)				9.50	7.92
7136	2'-6" 8 Plain Spoke Fine Standard Wagon Wheel				9.50	7.92
<b>7mm Solid Machined Insulated Wagon &amp; Coach Wheels</b>						
These wheelset packs have 4 wheels on 2 axles & 4 outside bearings, and are Correctly machined both sides as per the prototype						
7137	3'-7" 4 Hole Disc Fine Standard Solid Machined Coach Wheel			SM	12.00	10.00
7138	3'-7" Plain Disc Fine Standard Solid Machined Coach Wheel			SM	12.00	10.00
7139	3'-1" 3 Hole Disc Fine Standard Solid Machined Wagon Wheel			SM	12.00	10.00
<b>Scale 7 Wagon &amp; Coach Wheels</b>						
These wheelset packs have 4 wheels on 2 axles & 4 outside bearings.						
7120S	3'-1" 8 Split Spoke Scale 7 Wagon Wheel				10.00	8.33
7121S	3'-1" 8 Plain Spoke Scale 7 Wagon Wheel				10.00	8.33
7122S	3'-1" 3 Hole Disc Scale 7 Wagon Wheel				10.00	8.33
7122DS	3'-1" Plain Disc Fine Scale 7 Wagon Wheel				10.00	8.33
7123S	3'-7" 8 Split Spoke Scale 7 Coach Wheel				10.00	8.33
7124GS	3'-7" Mansell Disc Scale 7 Coach Wheel (GWR)				10.00	8.33
7124S	3'-7" Mansell Disc Scale 7 Coach Wheel (MR)				10.00	8.33
7125S	3'-7" Plain Disc Scale 7 Coach Wheel				10.00	8.33
7126S	3'-1" 10 Plain Spoke Scale 7 Wagon Wheel				10.00	8.33
7127S	3'-7" 8 Plain Spoke Scale 7 Coach Wheel				10.00	8.33
<b>Scale 7 Irish Wagon &amp; Coach Wheels</b>						
These wheelset packs have 4 wheels on 2 axles & 4 outside bearings.						
7120SI	3'-1" 8 Split Spoke Scale 7 Wagon Wheel (Irish) 5'-3" gauge				10.00	8.33
7121SI	3'-1" 8 Plain Spoke Scale 7 Wagon Wheel (Irish) 5' 3" gauge				10.00	8.33
7122SI	3'-1" 3 Hole Disc Scale 7 Wagon Wheel (Irish) 5' 3" gauge				10.00	8.33
7123SI	3'-7" 8 Split Spoke Scale 7 Coach Wheel (Irish) 5' 3" gauge				10.00	8.33

Ref. No.	Description	Throw	Crankpin	Notes	Inc.VAT	Exc.VAT
7124SI	3'-7" Mansell Disc Scale 7 Coach Wheel (Irish) 5' 3" gauge				10.00	8.33
7125SI	3'-7" Plain Disc Scale 7 Coach Wheel (Irish) 5' 3" gauge				10.00	8.33
7127SI	3'-7" 8 Plain Spoke Scale 7 Coach Wheel (Irish) 5' 3" gauge				10.00	8.33
<b>7mm Scale European Wagon and Coach Wheels</b>						
These wheelset packs have 4 wheels on 2 axles and 4 outside bearings.						
8116	3'-3" 9 Spoke Wagon Wheel				10.00	8.33
8117	3'-1" 7 Split Spoke Wagon Wheel				10.00	8.33
8118	3'-7" Early French Coach Wheel 1840 onwards				10.50	8.75
8119	3'-7" 7 Spoke Continental Coach Wheel				10.50	8.75
8123	2'-9" Disc Wagon Wheel				10.00	8.33
<b>7mm Scale Narrow Gauge Locomotive Wheels</b>						
For 3'-0" Gauge (21mm). Driving wheelsets consist of 2 wheels, one 1/8" diameter square ended axle, crankpins and bushes. Pony wheel packs have 2 wheels on one axle. Trailing wheel packs have 4 wheels on 2 axles.						
7N845M1	3'-9" 11 Spoke Driving Wheel (Isle of Man)	9"	PB		9.15	7.63
7N845M2	3'-9" 12 Spoke Driving Wheel (Isle of Man)	9"	IL		9.15	7.63
7N824M3	2'-0" 6 Spoke Pony Truck Wheel (Isle of Man)				7.50	6.25
7N827D1	2'-3" Disc Rail Car Driving Wheel (County Donegal)	6½"	-		9.15	7.63
7N824D2	2'-0" Disc Rail Car Driving Wheel (County Donegal)	6½"	-		9.15	7.63
7N127D3	2'-0" Disc Rail Car Trailing Wheels (County Donegal)				9.15	7.63
<b>7mm Scale Narrow Gauge Wagon and Coach Wheels</b>						
For 3'-0" Gauge (21mm). These wheelset packs have 4 wheels on 2 axles and 4 outside bearings.						
7N127M1	2'-3" 6 Split Spoke Wagon Wheel (Isle of Man) Small Hub				9.15	7.63
7N127M2	2'-3" 6 Split Spoke Wagon Wheel (Isle of Man) Large Hub				9.15	7.63
7N127M3	2'-3" Mansell Disc Wheel (Isle of Man)				9.15	7.63
7N131CD1	2'-7" 8 Split Spoke Wagon Wheel (County Donegal)				9.15	7.63
<b>7mm Scale Driving Wheel Accessories</b>						
7805	Crankpin Conversion Set (2 long screws, 2 bushes)				2.75	2.29
7802	Crankpin Set includes 8 bushes, 6 screws, 6 washers & 6 nuts				7.00	5.83
X7802LY1	Long Crankpin with square for return crank (pair)				3.00	2.50
X7802LY2	Short Threaded Crankpin for use behind Crosshead (pair)				1.50	1.25
X720055	Driving wheel Crankpin bushes (10)				6.00	5.00
7316	Spare screws for 3/16" Axles counter sunk allen socket screws (pack of 4)				3.00	2.50
7317	Countersunk Allen Screw (for 3/16" axles) with extension journal, 2mm dia. (Set 6) (requires X78003 Allen Key).				5.00	4.17
7318	Countersunk Allen Screw (for 3/16" axles) with extension journal, 2.5mm dia. (Set 6) (requires X78003 Allen Key)				5.00	4.17
7319	Countersunk Allen Screw (for 1/8" axles) with extension journal, 2mm dia. (Set 6) (requires X78003 Allen Key)				5.00	4.17
7320	Spare screws for 1/8" (and O/S crank) Axles (pack of 6) (4mm long)				5.00	4.17
7321	Spare screws for 1/8" (and O/S crank) Axles (pack of 6) (6mm long)				5.50	4.58
X78001	Allen Key for 7mm scale Driving Wheels (1.27mm A/F)				3.00	2.50
X78003	Allen Key for 7mm scale 1/8 dia. and O/S crank Driving Wheels Axles (0.89mm A/F)				3.60	3.00
7803	24 Loco Axle Brass Packing Washers 3/16" bore, assorted thicknesses				6.50	5.42
7804	24 Axle extension washers (square centre) assorted thicknesses. To change back-to-back on any 3/16" driving axle.				6.00	5.00





Ref. No.	Description	Throw	Crankpin	Notes	Inc.VAT	Exc.VAT
<h1>LARGER SCALE WHEELS</h1>						
<h2>Gauge 1 (10mm scale) Locomotive Wheels</h2>						
All wheels are to Standard Profile (prefix 'S') unless marked ' <b>Fine</b> ' and prefixed 'F'. Locomotive Driving Wheelsets comprise 2 wheels and a ¼" diameter square-ended axle with fixing screws and come complete with 'short' crankpins (for coupling rods only). The conversion pack (Ref. 9805 - see G1 Accessories) is needed to create the 'long' version for coupling and connecting rods. Bogie/Tender wheels have a 3/16" diameter square-ended axle with fixing screws.						
F9836Y8	3'-0" 9 Spoke Driving Wheel (LNER Class Y8) (Fine) (3/16 axle)	7½"	PB		25.50	21.25
S9836	3'-0" 10 Spoke Bogie Wheel (GWR)				16.00	13.33
S9836K	3'-0" 10 Spoke Bogie Wheel (GWR King)				16.00	13.33
S9836ST	3'-0" 9 Spoke Lead/Trailing Wheel (Ivatt 2-6-2T)			BR	16.00	13.33
S9839ST	3'-3½" 10 Spoke Bogie Wheel (LMS/BR 8F)			BR	16.00	13.33
S9842ST	3'-6½" 10 Spoke Tender Wheel (Ivatt)			BR	16.00	13.33
BS9843	3'-7" Disc Tender Wheel				16.00	13.33
S9845AG	3'-9" 10 Spoke Trailing Wheel (LNWR Allan Goods)				16.00	13.33
S9845H	3'-9" 10 Spoke Trailing Wheel 'H' Section (LNWR Coal tank)				17.50	14.58
S9845ST	3'-9" 10 Spoke Trailing Wheel (LMS/BR)				16.00	13.33
S9847LB	3'-11" 12 Spoke Driving Wheel (LBSCR Terrier)	9"	IL		25.50	21.25
S9849	4'-1½" 12 Spoke Tender Wheel (GWR)				16.00	13.33
S9851	4'-3" 12 Spoke Tender Wheel (General Pattern)				16.00	13.33
S9851ST	4'-3" 12 Spoke Tender Wheel (LMS/BR 4F)			BR	16.00	13.33
S9853H	4'-5" 12 Spoke 'H' Section Wheel (LNWR Coal Tank)	12"	PB		26.50	22.08
S9854/08	4'-6" 14 Spk O/C Dr. Wheel (3 axles 6 wheels+cranks) (Class 08)			BR	91.65	76.38
S9855	4'-7" 15 Spoke Driving Wheel (Deeley Class 3F)	12"	IL		25.50	21.25
S9855GW42	4'-7" 14 Spoke Driving Wheel (GWR 4200)	15"	IL		25.50	21.25
S9855W	4'-7" 14 Spoke Driving Wheel (LNER J50)	12"	PB		25.50	21.25
S9856ST	4'-8½" 15 Spoke Driving Wheel (LMS/BR 8F)	14"	PB	BR	25.50	21.25
S9860AG	5'-0" 15 Spoke Driving Wheel (LNWR 'Allan Goods')	10"	PB		25.50	21.25
S9860ST	5'-0" 15 Spoke Driving Wheel (Ivatt 2-6-2T)	12"	PB	BR	25.50	21.25
S9863	5'-3" 16 Spoke Driving Wheel (LMS/BR 4F)	11"	IL		25.50	21.25
S9869ST	5'-9" 18 Spoke Driving Wheel (Stanier 2-6-4T)	14"	PB	BR	25.50	21.25
S9872AG	6'-0" 18 Spoke Driving Wheel (LNWR Allan Goods)	10"	PB		25.50	21.25
S9878GWK	6'-6" 22 Spoke Driving Wheel (GWR King)	14"	PB		25.50	21.25
S9878ST	6'-6" 20 Spoke Driving Wheel (LMS/BR Princess)	14"	PB	BR	25.50	21.25

## Gauge 1 (1:32 scale) Locomotive Wheels

These wheels are to **Fine** Profile (prefixed 'F'), but with 41mm B-B. Locomotive Driving Wheelsets comprise 2 wheels and a 3/16" diameter square-ended axle with fixing screws and come complete with 'short' crankpins (for coupling rods only). The conversion pack (Ref. 9805 - see G1 Accessories) is needed to create the 'long' version for coupling and connecting rods.

F8830R	2'-6" 4-Hole Disc Diesel Driving Wheel (Ruston & Hornsby)				17.00	14.17
F8836LY	3'-0" Disc Driving Wheel (L&Y "Pug")	8"			26.00	21.67
BF8837	3'-1" Plain Disc Diesel Power Wheel				17.00	14.17
F8838I	3'-2" 11 Spoke Driving Wheel (Kerr Stuart)	10"	IL		26.00	21.67
F8838MW	3'-2" 10 Spoke Driving Wheel (Manning Wardle)	9"	PB		26.00	21.67
F8838P	3'-2" 12 Spoke Driving Wheel (Peckett)	10"	PB		26.00	21.67
F8843SW	3'-7" 10 Spoke Bogie Wheel (LSWR T9)				17.00	14.17
F8844	3'-8" 10 Spoke Bogie Wheel (GWR Duke)				17.00	14.17
F8845M	3'-9" 12 Spoke Tender Wheel (Midland Kirtley)				17.00	14.17
F8849	4'-1" 12 Spoke Tender Wheel (GWR Standard)				17.00	14.17

Ref. No.	Description	Throw	Crankpin	Notes	Inc.VAT	Exc.VAT
F8851	4'-3" 12 Spoke Tender Wheel (General Pattern)				17.00	14.17
F8854LY	4'-6" 13 Spoke Driving Wheel (L&YR)	11"	PB		26.00	21.67
F8855	4'-7" 15 Spoke Driving Wheel (LMS 'Jinty')	12"	IL		26.00	21.67
F8863	5'-3" 16 Spoke Driving Wheel (LMS 4F) (1/4in Ø axle)	11"	IL		26.00	21.67
F8863O/C	5'-3" 16 Spoke Driving Wheel (MR Kirtley) With outside cranks. (Outside bearings 3/16"Ø; centre section of axle 1/4"Ø)		OC		32.00	26.67
F8874	6'-2" 18 Spoke Driving Wheel (Gresley B17)				26.00	21.67
F8879SW	6'-7" 22 Spoke Driving Wheel (LSWR T9)	9"	IL		26.00	21.67

### Gauge 1 (10mm Scale) Diesel Bogie Wheels

Diesel Power Bogie wheelsets comprise 2 wheels and a 3/16" diameter square-ended axle with fixing screws.

BS9837	3'-1" Plain Disc Diesel Power Bogie Wheel				17.00	14.17
BS9842	3'-6" Plain Disc Diesel Power Bogie Wheel				17.00	14.17
BS9843	3'-7" Plain Disc Diesel Power Bogie Wheel				17.00	14.17
BS9843W	3'-7" 4 Hole Disc Diesel Power Bogie Wheel (Class 52)				17.00	14.17
BS9845	3'-9" Plain Disc Diesel Power Bogie Wheel				17.00	14.17

### Gauge 1 (10mm Scale) Wagon and Coach Wheels

These wheelset packs have 4 wheels on 2 axles and 4 outside bearings.

S9110	3'-1" 8 Plain Spoke Wagon Wheels				12.50	10.42
F9110	3'-1" 8 Plain Spoke Wagon Wheels (Fine)				12.50	10.42
S9112	3'-1" 3 Hole Disc Wagon Wheels				12.50	10.42
F9112	3'-1" 3 Hole Disc Wagon Wheels (Fine)				12.50	10.42
S9114	3'-7" Plain Disc Coach Wheels				12.50	10.42
F9114	3'-7" Plain Disc Coach Wheels (Fine)				12.50	10.42
S9116	3'-1" 8 Open Spoke Wagon Wheels				12.50	10.42
F9116	3'-1" 8 Open Spoke Wagon Wheels (Fine)				12.50	10.42
S9118	3'-7" Maunsell Disc Coach Wheels (MR)				12.50	10.42
F9118	3'-7" Maunsell Disc Coach Wheels (MR) (Fine)				12.50	10.42
S9120	3'-7" 8 Open Spoke Coach Wheels				12.50	10.42
S9121	3'-6" Plain Disc Coach Wheel				12.50	10.42
S9122	3'-6" 8 Plain Spoke Coach Wheels				12.50	10.42
S9124G	3'-7" Mansell Disc Coach Wheel (GWR/LNWR)				12.50	10.42
S9137F1	3'-1" Disc Wheel (European)				12.50	10.42

### Gauge 1 (1:32 Scale) Wagon and Coach Wheels

These wheels are to Fine profile, but with 41mm B-B. Packs have 4 wheels on 2 axles and 4 outside bearings.

F8110	3'-1" 8 Plain Spoke Wagon Wheels (Fine)				12.50	10.42
F8112	3'-1" 3 Hole Disc Wagon Wheels (Fine)				12.50	10.42
F8116	3'-1" 8 Split Spoke Wagon Wheels (Fine)				12.50	10.42

### Gauge 1 Driving Wheel Accessories

X910046	Bogie/Tender Axle (3/16" diameter)				6.00	5.00
X910044	Driving Wheel Axle (1/4" diameter)				6.00	5.00
9316	M3 Countersunk Allen Screw (for 1/4" axle) (Pack 2)				2.50	2.08
9317	Countersunk Allen Screw (for 3/16" axles) with extension journal, 3mm dia. (Set 6) (requires X78001 Allen Key)				6.00	5.00
X98001	Allen Key for Gauge 1 (1/4" Dia.) Driving Wheels (2mm A/F)				3.70	3.08
X78001	Allen Key for 3/16" Dia. Driving Wheels (1.27mm A/F)				3.00	2.50
X920052E	G1 Outside Crank Axle. (1/4" Dia. inside; 3/16" Dia outside)				7.50	6.25
X920053E	G1 Outside Cranks. "Figure 8" shape for Class 08. (Set of 6)				7.50	6.25
8920	Locomotive Bearings for 1/4" bore Axles (pack of 10)				9.00	7.50

Ref. No.	Description	Throw	Crankpin	Notes	Inc.VAT	Exc.VAT
9802	Crankpin Set. 4 short, 2 long; includes 8 bushes, 6 washers and 6 nuts				8.25	6.88
9805	Crankpin Conversion Set. 2 'long' crankpins and 2 bushes to convert 'short' version (in wheel packs) to take second rod				3.00	2.50
9806	G1 Crankpin Walscherts Valve Gear				3.40	2.83

### 1:32 Scale Narrow Gauge Wagon Wheels

For 2ft gauge (¾in) or 20" gauge (16.5mm). Packs have 4 wheels on 2 axles and 4 outside bearings. The tyre profile is RP25/110 and the axles are 28mm over pin-points. These wheels are manufactured by North Yard in New Zealand.

32012HUD	1'-0" 4 Hole Disc Wagon Wheel (Hudson Skip) (¾in Gauge)				5.00	4.17
32512HUD	1'-0" 4 Hole Disc Wagon Wheel (Hudson Skip) (16.5mm Gauge)				5.00	4.17

### 16mm Scale Narrow Gauge Locomotive Wheels

For 32mm gauge

Ref. No.	Description	Throw	Crankpin	Notes	Inc.VAT	Exc.VAT
16816B	1'-4" Disc Bogie Wheel (WDLR Baldwin 4-6-0T)	-	-		16.00	13.33
16817MR	1'-5" 4-Hole Disc I.C. Driving Wheel (Motor Rail Simplex)	-	-		16.00	13.33
16818H	1'-6" Disc Bogie Wheel (WDLR Hunslet 4-6-0T)	-	-		16.00	13.33
16820H	1'-8" Disc Driving Wheel (with outside cranks) ("Quarry" Hunslet)	5"	-	OC	27.50	22.92
16821T	1'-9" "Filled" Spoke Trailing Wheel (Tallylyn)	-	-		16.00	13.33
16824B	2'-0" 11 Spoke Driving Wheel (WDLR Baldwin 4-6-0T)	6"	IL		24.65	20.54
16824H	2'-0" 7 Spoke Driving Wheel (WDLR Hunslet 4-6-0T)	6"	IL		24.65	20.54
16824FR	2'-0" 8 Spoke Driving Wheel (Festiniog Rly "small England")	6"	PB		24.65	20.54
16828T	2'-4" "Filled" Spoke Driving Wheel (Tallylyn and Dolgoch)	8"	IL		24.65	20.54
16832FR	2'-8" 3 Hole Disc Driving Wheel (Festiniog Rly Fairlie)	7"	-		24.65	20.54

### 16mm Scale Narrow Gauge Wagon Wheels

For 32mm gauge **only**, unless otherwise stated. These wheelset packs have 4 wheels on 2 axles and 4 outside bearings.

1612DIN	1'-0" 6 Curly Spoke Wagon Wheel (Dinorwic)				11.00	9.17
1612DUB	1'-0" 6 Curly Spoke Wagon Wheel (Dinorwic) Special Double Flanged Version - 4 wheels on 4 short axles				11.00	9.17
1612HUD	1'-0" 4 Hole Disc Wagon Wheel (Hudson Skip)				11.00	9.17
1615WD	1'-3" 7 Curly Spoke Wagon Wheel (War Department)				11.00	9.17
1618FRC	1'-6" 6 Curly Spoke Wagon Wheel (Festiniog)				11.00	9.17
1618FRD	1'-6" 3 Oval Hole Disc Wagon Wheel (Festiniog)				11.00	9.17
1618FRW	1'-6" 6 Web Spoke Wagon Wheel (Festiniog)				11.00	9.17
1618LB	1'-6" disc Wagon and Coach Wheel (Lynton & Barnstaple)				11.00	9.17
1618LB/32	- ditto - extended axle for Accucraft wagons (32mm gauge)				11.00	9.17
1618LB/45	- ditto - extended axle for Accucraft wagons (45mm gauge)				11.00	9.17
1620GVT	1'-8" 6 Curly Spoke Wagon Wheel (Glyn Valley)				11.00	9.17
1622GVT	1'-10" 7 Curly Spoke Wagon Wheel (Glyn Valley)				11.00	9.17
1623WE	1'-11" 6 Hole Disc Wagon Wheel (Welshpool & Llanfair)				11.00	9.17
1623WE/32	- ditto - extended axle for Accucraft wagons (32mm gauge)				11.00	9.17
1623WE/40	- ditto - extended axle for Accucraft wagons (40mm gauge)				11.10	8.25
1623WE/45	- ditto - extended axle for Accucraft wagons (45mm gauge)				11.10	9.25
1637SG	3'-1" 8 split spoke wagon wheels (Standard 75mm gauge)				15.25	12.71

### ⅞" Scale Narrow Gauge Wagon Wheels

For 45mm gauge **only**. These wheelset packs have 4 wheels on 2 axles.

2212HUD	1'-0" 4 Hole Disc Wagon Wheel (Hudson Skip) (with bearings)				13.00	10.83
2215WD	1'-3" 7 Curly Spoke Wagon Wheel (WDLR and Penrhyn) (without bearings)				13.00	10.83



Ref. No.	Description	Throw	Crankpin	Notes	Inc.VAT	Exc.VAT
2218FRC	1'-6" 6 Curly Spoke Wagon Wheel (Festiniog) (without bearings)				13.00	10.83
2218FRW	1'-6" 6 Web Spoked Wagon Wheel (Festiniog) (without bearings)				13.00	10.83

### Gauge 3 Locomotive Wheels

Locomotive Wheelsets comprise 2 wheels and a 1/4" diameter square-ended axle with fixing screws, and have **stainless steel** tyres. An Allen key (X98001) is needed for assembly. Driving wheels come complete with 'Medium' crankpins (for coupling rods only). The conversion pack (G3805) is needed to create the 'long' version for coupling and connecting rods.

G3830R	2'-6" 4 Hole Disc Diesel Wheel (Ruston & Hornsby)				40.00	33.33
G3836ST	3'-0" 9 Spoke Bogie Wheel (Stanier)			BR	40.00	33.33
G3836SW	3'-0" 9 Spoke Bogie Wheel				40.00	33.33
G3838I	3'-2" 11 Spoke Driving Wheel (Kerr Stuart)	10"	IL		46.00	38.33
G3838MW	3'-2" 10 Spoke Driving Wheel (Manning Wardle)	9"	PB		46.00	38.33
G3838	3'-2" 10 Spoke Bogie Wheel (GWR)				40.00	33.33
G3842	3'-6" 10 Spoke Bogie Wheel				40.00	33.33
G3842/02	3'-6" 10 Spoke Driving Wheel (BR Diesel Class 02)	10"	PB		46.00	38.33
G3844	3'-8" 10 Spoke Bogie Wheel				40.00	33.33
G3845	3'-9" 10 Spoke Bogie Wheel				40.00	33.33
G3845D	3'-9" Disc Tender/Diesel Power Bogie Wheel				40.00	33.33
G3845ST	3'-9" 11 Spoke Bogie Wheel (Stanier)			BR	40.00	33.33
G3848GE	4'-0" 10 Spoke Bogie Wheel (GE/LNER/F3)				43.00	35.83
G3849	4'-1" 12 Spoke Tender Wheel (GWR)				42.00	35.00
G3849GW	4'-1" 12 Spoke Driving Wheel	10"	IL		48.50	40.42
G3851	4'-3" 12 Spoke Tender Wheel				42.00	35.00
G3851I	4'-3" 14 spk (Austerity/J94)	11½"	PB		48.50	40.42
G3851ST	4'-3" 12 Spoke Tender Wheel (Stanier)			BR	42.00	35.00
G3854/08	4'-6" 14 Spoke O/C Driving Wheel (inc. cranks) (Class 08)			BR	53.50	44.58
G3854LY	4'-6" 13 Spoke Driving Wheel (L&Y 500; LNWR Chopper)	10"	PB		48.50	40.42
G3855WP	4'-7" 14 Spoke Driving Wheel (GWR 57xx)	10"	PB		48.50	40.42
G3861E	5'-1" 15 Spoke Driving Wheel	11"	PB		48.50	40.42
G3862	5'-2" 16 Spoke Driving Wheel	10½"	IL		48.50	40.42
G3862GW	5'-2" 16 Spoke Driving Wheel	10"	PB		48.50	40.42
G3866	5'-6" 17 Spoke Driving Wheel (SR)	14"	PB		50.50	42.08
G3868GE	5'-8" 16 Spoke Driving wheel (GE/LNER/F3)	12"	IL		50.50	42.08
G3868W	5'-8" 18 Spoke Driving Wheel (GWR Mogul, Grange etc.)	15"	IL		50.50	42.08
G3872GWH	6'-0" 20 Spoke Driving Wheel (GWR Hall)	15"	PB		50.50	42.08
G3872LY	6'-0" 20 Spoke Driving Wheel (L&YR)	13"	PB		50.50	42.08
G3872ST	6'-0" 19 Spoke Driving Wheel (LMS Class 5)	14"	PB	BR	50.50	42.08
G3874G	6'-2" 18 Spoke Driving Wheel	13"	PB		50.50	42.08
G3880G	6'-8" 20 Spoke Driving Wheel (Gresley)	13"	PB		50.50	42.08
G3881ST	6'-9" 21 Spoke Driving Wheel (LMS Stanier Pacific)	14"	PB	BR	50.50	42.08

### Gauge 3 Wagon and Coach Wheels

These wheelset packs have 4 wheels on 2 axles and 4 outside bearings.

G3130M	2'-9" 8 Mansell Disc Coach Wheel				15.00	12.50
G3120	3'-1" 8 Split Spoke Wagon Wheel				15.00	12.50
G3121	3'-1" 8 Plain Spoke Wagon Wheel				15.00	12.50
G3122	3'-1" 3 Hole Disc Wagon Wheel				15.00	12.50
G3123	3'-7" 8 Split Spoke Coach Wheel				16.50	13.72
G3124G	3'-7" Mansell Disc Coach Wheel (GWR/LNWR)				16.50	13.75
G3125	3'-7" Plain Disc Coach Wheel				16.50	13.75



**BLANK**

# SLATER'S PLASTIKARD

## Exhibition Diary 2019

Saturday 7th December      **Reading**, Rivermead Leisure Centre  
Guildford O Gauge Group      O Gauge

## 2020

Sunday 26th January      **Bristol**, University of the West of England.  
Bristol O Gauge Group      O Gauge

Saturday 7th March      **Kettering**, Kettering Leisure Village  
Gauge O Guild      O Gauge

Saturday 9th May      **Reading**, Rivermead Leisure Centre  
Association of Larger Scale Modellers      O Gauge

Saturday 6th June      **Doncaster**, The Dome Leisure Centre  
Gauge O Guild      O Gauge

Saturday & Sunday 12th & 13th September      **Swindon**,  
STEAM Museum, Fire Fly Avenue SN2 2EY      O Gauge

Sunday 11th October      **High Wycombe**  
Wycombe Leisure Centre, Handy Cross, High  
Wycombe, Buckinghamshire HP11 1UP      O Gauge

Saturday TBA ? December      **Reading**, Rivermead Leisure Centre  
Guildford O Gauge Group      O Gauge



## Appendix - USEFUL INFORMATION

### Plastikard Sheet - Approximate Imperial/Metric equivalents

10 thou = 0.25mm	30 thou = 0.75mm	80 thou = 2.00mm
15 thou = 0.38mm	40 thou = 1.00mm	
20 thou = 0.50mm	60 thou = 1.50mm	

The following standard dimensions and common drill sizes should be used in conjunction with Slater's products:

#### Clearance sizes for buffers

4070 4mm wagon buffers - drill no.67 (1/32") 0.813mm  
 4912-13 4mm coach buffers - drill no.63 (0.037") 0.94mm  
 4902-10 4mm loco buffers - drill no.55 (0.052") 1.321mm  
 71561-70 7mm wagon buffers - drill 3/64" (0.047") 1.191mm & no. 50 (0.070") 1.778mm  
 71564 7mm GWR coach buffers - drill 1/16" (0.0625") 1.588mm  
 71567 7mm M.R. coach buffers - drill 1/16" (0.0625") 1.588mm  
 71566 7mm heavy duty buffers - drill no.44 (0.086") 2.184mm & no 24 (0.152") 3.861mm  
 7900-10 7mm loco buffer - drill no. 44 (0.086") 2.184mm & no. 24 (0.152") 3.861mm  
 7908 7mm GWR Saint buffer - drill no. 45 (0.082") 2.083mm & no. 33 (0.113") 2.87mm  
 G91568 gauge 1 wagon buffer - drill 1/16" (0.0625") 1.588mm & no. 40 (0.098") 2.489mm

#### Bearings/Bushes

7154 standard wagon type - O.D. 0.097" (2.463mm), I.D. 0.066" (1.676mm)  
 1212 for 1/8" axle - O.D. drill 5/32" (0.156") 3.969mm, I.D. drill/ream 1/8" (0.125") 3.175mm  
 7920 for 3/16" axle - O.D. drill 5/16" (0.313") 7.938mm, ID. drill/ream 3/16" (0.188") 4.762mm  
 8920 for 1/4" axle - O.D. drill 3/8" (0.375") 9.53mm, ID. drill/ream 1/4" (0.247") 6.28mm

#### Hornblocks

7960B and 7960C (new type) fits slot in frame 10.5mm wide, with top of slot 7.25mm above centreline  
 7961 for 3/16" (split) axle fits slot 6.00mm wide

#### Locomotive fittings

Standard O gauge crankpin screw - 12 BA C/H steel machine screw - 3/8" (9.5mm) long  
 O gauge Extended crankpin screw - 12 BA C/H steel machine screw - 1/2" (12.7mm) long  
 Standard Crankpin bush - O.D. 0.093" (2.362mm), I.D. 0.050" (1.27mm)  
 Crankpin bush (small) (supplied with Manning Wardle) - O.D. 0.072" (1.829mm), I.D. 0.050" (1.27mm)  
 7157 7mm plunger pick-ups fit hole - drill no.25 (0.1495") 3.797mm  
 7155 3 link couplings fit slot - 0.090" x 0.020" (2.28mm x 0.508mm)  
 M7023 Screw link couplings fit slot - 0.11" x 0.025" (2.794mm:x 0.635mm)  
 7961S M L handrail knobs fit hole - 1.2mm (3/64")  
 7961S Short handrail knobs are 1.4mm from centreline of handrail to surface of boiler/tank/cab, etc.  
 7961M Medium handrail knobs are 2.6mm from centreline of handrail to surface of boiler/tank/cab, etc.  
 7961L Short handrail knobs are 3.2mm from centreline of handrail to surface of boiler/tank/cab, etc.

#### Track

71440/1 7mm scale sleepers - 100 sleepers will produce approx 65" (1.6m) of track.  
 71450 track rivets (100) - will produce approx. 33" (835mm) of plain track  
 71457 M.R. chairs (100) - will produce approx. 33" (835mm) of plain track

#### Locomotive Axle Retaining Screws

1/8" axle	80 UNF countersunk Allen screw	Allen Key 0.035" (0.89mm) across flats (X78003)
5/32" axle	80 UNF countersunk Allen screw	Allen Key 0.035" (0.89mm) across flats (X78003)
3/16" axle	6 BA countersunk Allen screw	Allen key 0.050" (1.27mm) across flats (X78001)
1/4" axle	M3 countersunk Allen screw	Allen key 0.080" (2mm) across flats (X98001)

#### Locomotive Axle Diameters (General guide only. Dimension applies to section between the wheels)

O Gauge Driving and Bogie	3/16" (small sizes 1/8")	O Gauge M/F Bogie	5/32"
Gauge 1 (10mm) Driving	1/4"	Gauge 1 (10mm) Bogie	3/16"
Gauge 1 (1:32) Driving & Bogie	3/16"	Gauge 3 Driving and Bogie	1/4"
16mm Driving and Bogie	3/16" (except 16820H)	7mm Narrow Gauge	1/8"

#### Wagon & Coach Axle Diameters (Dimension applies to section between the wheels)

O Gauge	1/8"	Gauge 1	3/16"	Gauge 3	1/4"	16mm	5/32"
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