

## Gauge 3 parts, 1:22.6 Scale, 13.5mm = 1 foot

### Locomotive Parts

### Key (?)-Qty, WM-Whitemetal, R-Resin, S-Steel, B-Brass, C-Copper, NS-Nickel Silver, W-Wood

<u>Brake Hanç</u>	gers including Shoes	<u>Crossheads</u>	<u>, Slide Bars and Brackets - Sets</u>
CM1547	LNER N5 - 6 off R	CM1507	A pair for GW 1361 NS
CM256	SRO2/Mid 2F Tender (6) R	BE030N	A pair for GW Manor, Assembled NS
CM257	GWR 8750 (6) R		
CM2232	LMS 3F (6) R	<u>Cylinders</u>	
CM1523	2F, 4F (6) R	CM2210	GW Manor, 4 parts R/WM
		BE040	GW Manor Drain Cocks (2) B
Sprung Buf	fers	CM2211	SR N Class, 2 parts R
PDG2202	BR DMU (4) WM/S		
PDG2204	SR/LNE (4) B/S	Domes	
PDG2205	GW Taper (4) B/S	AM2211	SR Terrier B
PDG2206	GW Parallel (4) B/S	CM2221	SR '02' CI R
PDG2220	GE Parallel (4) B/S	AM2267	GWR 1361 WM
PDG2221	Peckett Ind (4) B/S	CM2284	LMS 4F R
		CM2231	LMS 3F R
Cab Backhe	ead Fittings - Set	AM2330	Peckett/Austerity WM
AM2263	GW2021 Pannier R/WM	FG2208	Dean Goods/GW 14XX B
AM2282	Mid 1F/2F R/WM	FG2206	GW Pannier Flat Base B
AM2285	LMS 4F R/WM	SSG2275a	Midland 1F B
AM2319	GW Manor R/WM	ТВА	SR N Class R
AM2258	GW Dean Goods R/WM		
		Injectors, E	<u>xhaust Steam Ejectors</u>
<u>Chimneys</u>		BE020	LMS Exhaust Steam Ejector 2 parts LHS
SL10	GW Manor C	BE032A	LMS Exhaust Steam Ejector 2 parts RHS
AM2283	LMS 4F R	AM2262	GW Panniner Injector Set of 2 WM
AM2210	SR Terrier WM	AM206	Austerity Injector Set of 2 WM
AM2220	SR '02' WM		
AM2268	GW 14x xR	Lubricators	<u>- Pairs</u>
CM2230	LMS 3F R	AM2286	LMS 4F WM
AM2318	Peckett Ind WM		
DM2205	Austerity B	Pick Ups	
SSG2274	Mid 1F B	FG407	Pick Up Holder(6) P
ТВА	sr 'n' b	8313508	Brush Pick Ups 14mm (8)
FG2203	GW2021 Pannier B	8313608	Brush Pick Ups 16mm (8)
CM250	GW 87XX Pannier R		
AM2269	Dean Goods/57XX WM	<u>Reversers</u>	
		CM2212	GWR Manor R/WM
<u>Clacks in Pairs</u>		CM2220	LMS 4F R/WM
AM2224	sr '02' WM		
AM2218	SR Terrier WM	<u>Sandboxes</u>	
AM2271	Mid 1F, 2F WM	AM2214	SR Terrier (4) WM
		SG2225	SR'02' Splasher/Sandbox, pair R

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### Sandboxes (Cont.)

AM2289	GWR 1361, Rectangular pair WM
AM2277	Mid 2F (4) WM
AM2287	LMS 4F (6) WM
AM2300	lne n5 (4) WM
AM2269A	GW 14XX Front, pair WM
AM2269B	GW 14XX Rear, pair WM

### Smokebox Doors & Handles

AM2265	GW 1361 Door & Dart 50mm Dia. WM
AM2276	Mid 1F/2F Door 55mm Dia. WM
AM2301	LNE Door Wheel WM
AM2321	Dean Smoke Box Door 50mm Dia. WM
FG2205	GW Pannier Door & Dart 46m Dia. B
FG2212	GW 14XX Door & Dart 51mm Dia. B

#### Springs & Springs with Keeper Plates

AM2278	Mid 2F Spring & Keeper Plate (6) B
AM2264	GWR Pannier Spring Leaf & Coil (6) WM
BE019	GW Pannier Keeper Plates (6) B
DM211	GW Manor/DG Spring & Keeper Plate (6) B

### Safety Valves & Bonnets

FG2204	GW Pannier Bonnet (turned & polished) B
FG2207	GW 1361 Bonnet (turned & polished) B
FG2210	LMS Ross Pop Safety Valves (2) B
PDG2222	Peckett Safety Valves B
DM200	Mid 1F Bonnet B
AM222	SR '02' Safety Valve Casing WM
DM201	GW Manor Bonnet B
AM2215	SR Terrier Safety Valve Levers (pair) VVM

### <u>Tank Vents</u>

PDG2207	GW (2) B
AM2213	SR Terrier (2) VVM

### Tank Fillers

AM2216	SR Terrier (2) WM
AM2226	SR '02' (2) WM
AM2269	GW 14XX (4 Parts) (2) WM
AM2274	Mid 1F/2F (2) VVM
AM2266	GW1361 (2 parts) (1) B/WM
DM206	LNE Austerity (1) B

#### Tool Boxes

CM2215GW Tender (2) RAM2261GW Pannier (2) WMAM2270Mid 1F/2F (2) WM

### Vacuum Pipe, Steam Pipe Sets

BE350 Vacuum Pipe (2) B BE351 Steam Heat Pipe (2) B

### <u>Whistles</u>

FG2211	LMS 4F B
PDG2208	GW Large & Small Pair B
DM2215	LMS 2F B

### Westinghourse Pumps

AM2212 SR Terrier WM

#### Tender/Tank Accessories

CM2213	GW Water Scoop - 3 parts R
BE035A	GW BK &Water Scoop - Standards (2) B
BE035B	GW Sandbox Levers (2) B
AM2318	GW Water Gauge (1) WM
BE032A	LMS 3F Water Gauge (1) B
AM2280	Mid 2F Dome (1) WM
AM2281	Mid 2F Vents (2) WM
AM2317	GW Manor Tender vents (2) WM
AM2316	GW axleboxes with springs (6) WM
AM2279	Midland axleboxes with springs (6) $WM$
AM2325	SR axleboxes with springs (6) WM

#### <u>GWR Railcar</u>

PDG2200	Air Horns Large/Small Pair B
PDG2201	Cyclinder Buffers (4) B/S
HG2252	A Pair of Power Bogies with Castings
SSG2300	Flat Ventilators (12 Large 4 Small) VV

#### <u>BR121 Railcar</u>

CM1711B	A Pair of Power Bogies with Castings
AM2307	Door Bangers (36) WM
AM2306	Door Hinges (60) WM
AM2305	Door Handles T Shape (36) WM
AM2310	Set of Hoses, Connectors, Vac/Air

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### Rolling Stock Parts

Key

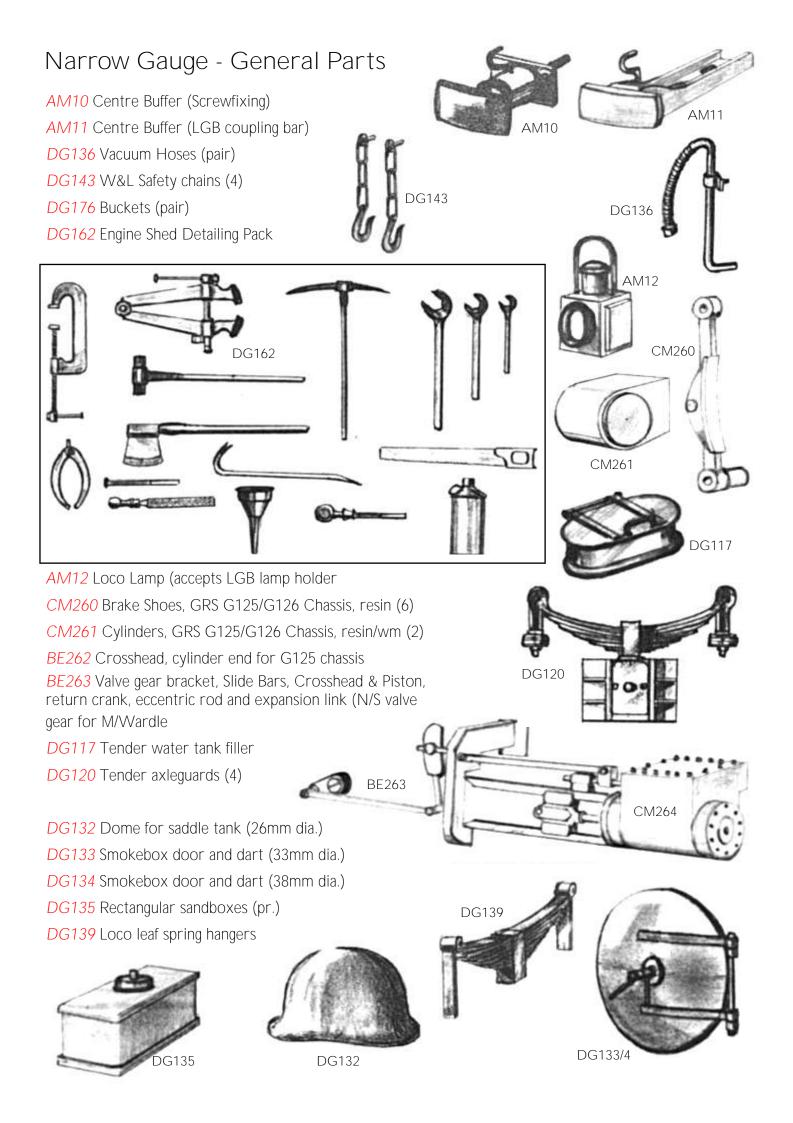
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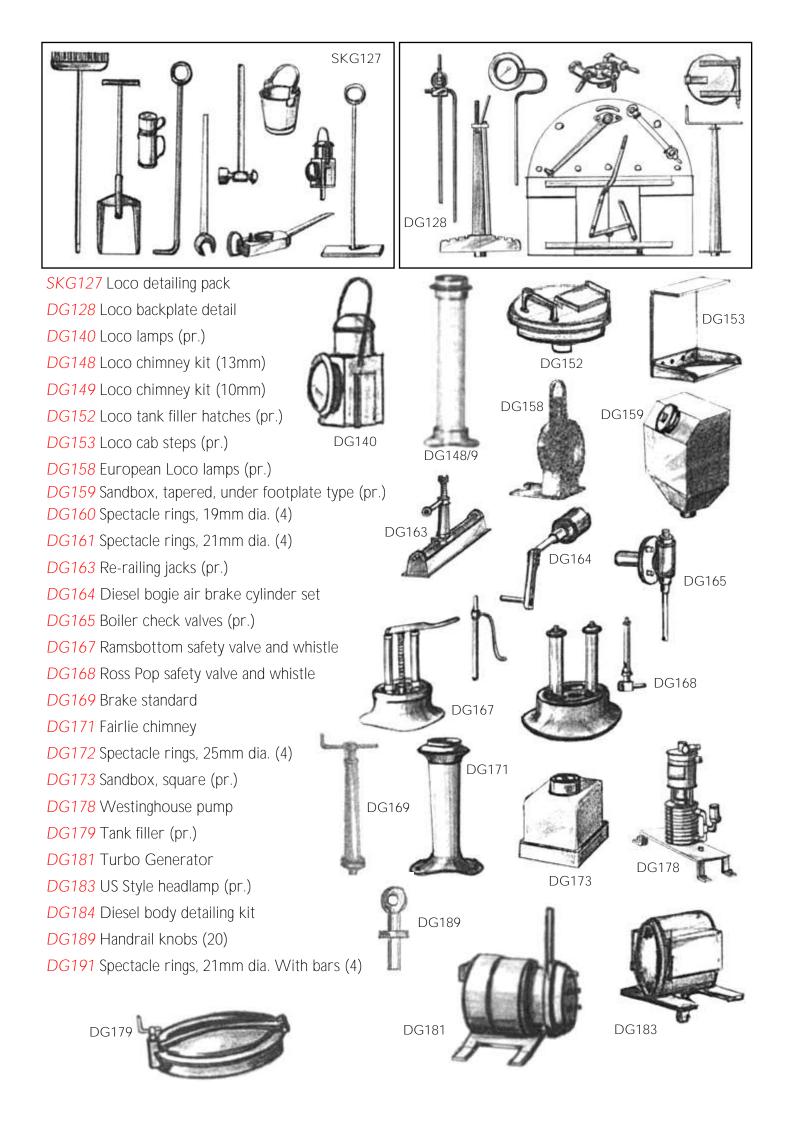
Key	(?)-Qty, vvivi-vviitemetai, R-Resili, S-Steel, D-Diass,	C-Copper, NS	-INICKEI SIIVEI, VV-VVOOU
LNER Gres	sley Suburban Coach Parts	<u>Coach Buff</u>	ers - Sprung, sets of 4
SG1658	Chamfered Glazing Pack (2) P	AD2302	GW Buffer, rect Tapered Shank, Rond Head B/WM
SG1659	Plastic Roof & Fitting Strips P	PDG2301	SR/LSWR Buffer, Round Head B/S
SG1660	Plastic Floor Pack	AM2304	LMS Buffer Round Head WM
PPG216	LNER Battery Boxes (2), Bogie Steps (12) Etch B	DM2206	LNER Coach Buffer, Round Head B
AM2322	LNER Ducket (2) W	<u>Bogies, Wa</u>	igon & Coach, pairs
<u>General Co</u>	bach Parts	SKG136	GWR Coach 9' Bogies inc. wheels S/WM
RC1607	GWR 'B' Set Seating (6) P	DG2080	GW Freight Bogies WM
BE352 Doo	r Handles T Shape (28) B	AM2314	W&U Bogie (wheels extra) WM
BE353 Doo	r Handles Lever Tyupe (10) B	AM2315	GW Fishbelly Bogie (wheels extra) B/WM
SG1115	SR Coach Module 3rd Class P	SLG2317	GW Fishbelly Bogies (inc. Mansell Wheels) B
SG1114	SR Coach Module 1st Class P	DM254	Bogie Bolster Stanchion (8) B
SG1103	Coach Seating 1st Class (6) P	AG1659	Gresley Suburban Bogies inc. disc wheelets S/WM
SG1104	Coach Seating 3rd Class (4) P	<u>Roofs, Wag</u>	<u>gon &amp; Coach</u>
FMG520	Coach Seating Wood 2400mm (4) W	SG1482	Collett Coach Roof Modules inc. Channel (1) P
SG1148	SR/LSWRDucket Dble Doors (2) R/P	SG1182	SR/LSWR Coach Roof P
PPG214	LMS Guards Van Ducket (pair) B/P	SG1480	GW Autotrailer Roof P
SG1157	SR/LSWR Coach Ducket (2) R	SG1885	LMS Brake Van Roof P
SG1149	SR/LSWR Brake Coach End (1) R	SG1886	LNE/BR Brake Van Roof P
CM1606	GW Gas Tank R	SG1821	SR Van Roof P
AM2313	SR Queen Post with Split Pin (4) WM	SG1441	GW Brake Van Roof P
DG138	Torpedo Vent Large WM	SG1181	GW Siphon G Roof P
SG1107	Torpedo Vents (20) P	SG1125	GW Van Roof P
SG1102	Shell Vents (24) P	<u>Wagon Par</u>	ts
PPG201	GW Siphon Strapping & Hinges Etch B	SG1445	LMS Corrugated Van Ends (2) P
PPG203	Coach Door Vents (14) B	DG2096	GW Churchward Brake Hangers & Lever WM
<u>Collett Coa</u>		DG147	Vacuum Cylinder Kit for 'Fitted' Wagons WM
SKG130	Coach Ends and Corridor Connectors (2) R	SG1132	Tarpaulin Rail Fittings (pair) P
SKG131	Pair Battery Boxes + Dynamo R	SG1133	Tarpaulin Rail Steel Wire S
SKG132	Vacuum Cylinder (2) R/WM	CM251	Brake Shoes RCH/Morton (4) R
SKG133	Door Handles, Grab Handles, Bangers, Hinges B	CM252	Brake Shoes LMS Brake Van (8) R
SKG134	Screw Couplings Extra Long B	CM253	Brake Shoes LMS/LNE/BR Brake Van (8) R
ТВА	Luggage Door Grab Handles B	DG2097	Axlebox RCH, Spring & W Iron (4) WM
	SKG130 SKG132	DG2091	Couplings 3 Link (pair) WM
105	3KG130 3KG132	DG2092	Couplings Instanter (pair) WM
1		DG2093	Couplings Screw (pair) WM
		DG2094	Vacuum Hoses High Level (pair) VVM
		DG2095	Vacuum Hoses Low Lever (pair) WM
		BE048	Non Working Screw Coupling (pair) B
SKG133	7	BE048A	Non Working Screw Coupling (5 pairs) B
		Wagon Buffers - sets of 4	
		DG2088	GW Wagon Buffer Early Type WM
TT C	C. Stan XC.	DG2089	GW Self Contained Buffer, Sprung WM
建	A Mar	DG2090	RCH Wagon Buffer, Sprung WM

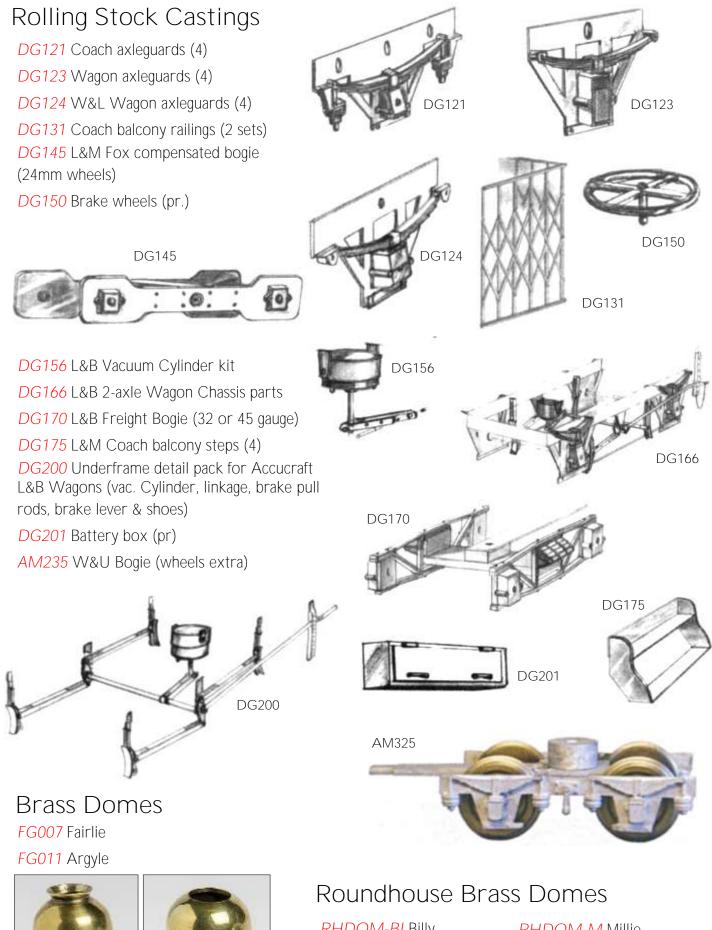
Colores

SKG134

DG2090L RCH Wagon Buffer, Sprung Large Head WM





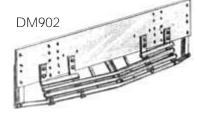


RHDOM-BI Billy RHDOM-R Russell RHDOM-K Katie RHDOM-SL Silver Lady RHDOM-M Millie RHDOM-B Bertie RHDOM-LA Lady Anne RHDOM-A Atlantic

FGUU/

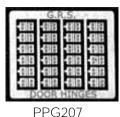
## Metal Parts

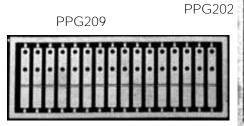
DM254 Stanchion for Bogie bolster, cast brass (8)
DM256 Railcar windscreen wipers, cast brass (pr.)
DM901 LGB Mogul cow catcher, cast brass, 90x30mm
DM902 L&B cow catcher, cast brass, 105x35mm
TIE002 24mm diameter Brass Brake Shoes (4)
TIE003 20mm diameter Brass Brake Shoes (4)





FG260 Brass Handrail Knob, M2 threaded (10) PPG202 Diesel louvres, brass etch (4) PPG203 Coach door vents brass (14) PPG207 Door hinges for Diesel bonnets, coal doors, etc, brass etch (24) PPG209 Coach running board hangers, brass etch (16) PPG211 Coach balcony railing & gates (pr.)

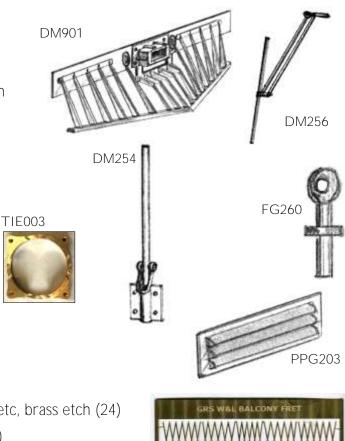




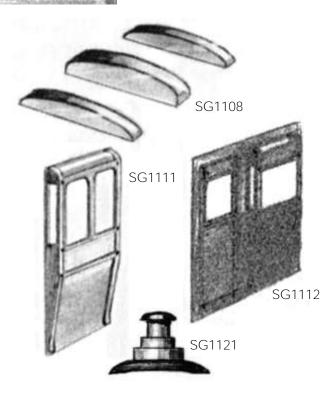
# Coach & Wagon Plastic Parts

As Used in GRS L&B Kits.

SG1101 L&B Coach bogie kit 45mm or 32mm gauges SG1102 Coach shell ventilators (20) SG1103 Coach seating first class (pack of 6) SG1104 Coach seating third class (4 lengths) SG1106 Coach glazing 569 x 94mm (pr.) SG1108 Moulded roof support for fixing roof SG1109 Coach roof for L&B rolling stock (570x105mm) SG1110 Guards van double doors for passenger coach SG1111 Guards van duckets for passenger guards van SG1112 Guards van ducket and doors for goods stock SG1113 Observation panels, vacuum formed (set of 2) SG1117 Freight van roof, length 410mm. Width 110mm SG1121 Gas lamp tops (6)









## DG101 L&B Yard Crane

A kit of whitemetal parts that form an authentic nonworking model of the yard crane in Pilton Yard, Barnstaple. Chain and full instructions are included.



Loco Carrying Cases Tough fibreboard foam-lined cases with strong, lockable catches, and comfortable carrying handles

NG101 26 x 9.5 x 7 ins. NG103 19 x 9.5 x 7 ins. NG112 36 x 5.5 x 6.75 ins. DG100 L&B Water Column An easy to build kit in whitemetal to make an authentic model.



## <u>Stonework</u>

These items are not always in stock as sales are highly seasonal. Check www.grsuk.com for current stock levels. Production is generally made in Spring and Summer and orders can be taken in advance.



HG104 Stone Tunnel Mouth Height 280mm, Width 260mm, Portal Height 210mm, Portal Width 190mm.

HG107 Stone Wing Wall (Pair left & right) Height 280mm, Width 355mm.

LCG10 Slate Tunnel Mouth Height 330mm, Width 310mm, Portal Height 240mm, Portal Width 180mm.

LCG11 Double Slate Tunnel Mouth Height 317mm, Width 535mm, Portal Height 226mm, Portal Width 380mm.

LCG12 Slate Wing Wall (Pair left & right) Height 279mm, Width 356mm.









HG102 Stone Parapet Walling Height 55mm, Length 430mm. HG103 Stone Embankment Walling Height 280mm, Length 410mm. LCG17 Small Retaining Walling Height 60mm, Length 445mm. LCG18 Large Retaining Walling Height 300mm, Length 405mm. HG105 Victorian Tunnel Mouth Height 360mm, Width 430mm Portal Height 220mm, Portal Width 200mm. LCG13 Humpback Bridge Height 345mm, Width 535mm Portal Height 227mm, Portal Width 190mm. LCG21 Humpback Bridge Spacer Height 200mm, Width 175mm.







LCG14

Viaduct Arch Section Height 268mm, Width 450mm Portal Height 155mm, Portal Width 325mm. LCG15

LCG21

Viaduct Column Section Height 300mm, Width Top 225mm, Width Bottom 275mm.

## LCG16

Small Retaining Walling

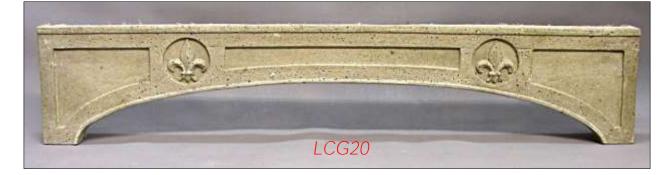


LCG15

LCG16

Height 250mm, Depth Top 25mm, Depth Bottom 70mm Width 50mm. LCG20

Elliptical Bridge Unit Span 750mm.



## Commercial Track-Work

GRS can offer proprietary track from several suppliers; -

In 45mm Gauge we can supply the full range of LGB items, usually from stock. Constructed from code 330 Brass flat-bottomed rail this track is robust, simple to lay, and will last for many years even in the most demanding situations.

The alternative Peco G45 system is also stocked in depth, although the range available is much more limited. Made from Code 250 Nickel-Silver rail the Peco G45 Track presents a slightly more delicate appearance which some will prefer, albeit needing slightly more support when laid in the Garden when compared to the code 330 versions. (NB it is possible to join Peco and code 330 systems via special Peco SL-912 joiners)

Naturally we also supply Joiners both plain and insulated for all systems, and also Massoth rail clamps, which are unique in allowing track to be uncoupled vertically, convenient when it comes time to maintain Points.

For 32mm we supply Peco SM32 track, which again is Nickel-Silver, although in code 200 size. There is a better range of points available for this from Peco, but still many gaps such as crossovers, which is where our handmade track comes to your aid. Please note that our range of 32mm points are now discontinued so check our website for availability.

## Handmade Track-Work

GRS offer a range of hand made Trackwork in 32mm, 45mm, and 63.5mm gauges. Constructed in either Peco code 250 or LGB code 332 rail. The range of Points, in radii not offered by other manufacturers, gives our customers a greatly increased choice in determining their track layout. In addition items such as Slips, Y-Points, and buffer stops are also in the range.



IG110 45mm code 330 LGB rail





IG149 45mm code 250 Peco rail

IG150 32mm code 200 Peco rail

The track features hardwood sleepers, saturated in preservative, to which the rail is fixed using staples and solder. The resulting structure is strong, employs no non-conductive rail sections, i.e. frogs, and will give many years of trouble free service in the great British climate. Where 32mm items have to connect to code 200 rail, the flat bottomed 250 rail is slit at the end to accommodate the SL-810 Peco rail joiner and ensure that the rail head heights match.

GRS 32mm Track (Discontinued - check for availability)

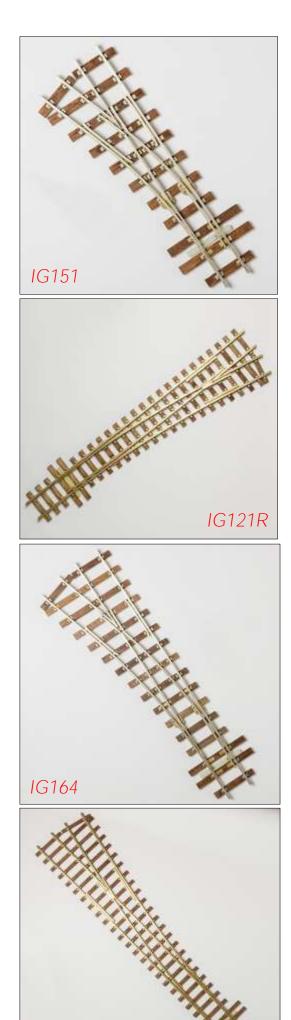
32mm Buffer Stop (SM200 Rail)	IG150
G32 LH Point Rad 2ft (Code 250 Rail)	IG151
G32 RH Point Rad 2ft (Code 250 Rail)	IG152
G32 LH Point Rad 2ft 6in (Code 250 Rail)	IG153
G32 RH Point Rad 2ft 6in (Code 250 Rail)	IG154
G32 LH Point Rad 4ft (Code 250 Rail)	IG155
G32 RH Point Rad 4ft (Code 250 Rail)	IG156
G32 'Y' Point Rad 2ft (Code 250 Rail)	IG157
G32 'Y' Point Rad 2ft 6ins (Code 250 Rail)	IG158
G32 'Y' Point Rad 4ft (Code 250 Rail)	IG159

### **GRS 45mm Track**

G45 LH Point Rad 6ft	IG100L
G45 Point RH Rad - 6ft	IGI00R
G45 Point 'Y' Rad - 6ft	IG101
Track Gauge	IG108
G45 Buffer Stop	IG110
G45 LH Point Rad 8ft	IGI2IL
G45 RH Point Rad 8ft	IG121R
G45 LH Point Rad 2ft 6ins (LGB R2)	IGI 22L
G45 RH Point Rad 2ft 6in (LGB R2)	IG122R
45mm Buffer Stop (Code 250 Rail)	IG149
G45 LH Point Rad 2ft (Code 250 Rail)	IG160
G45 RH Point Rad 2FT (Code 250 Rail)	IG161
G45 LH Point Rad 2ft 6in (Code 250 Rail)	IG162
G45 RH Point Rad 2ft 6in (Code 250 Rail)	IG163
G45 LH Point Rad 4ft (Code 250 Rail)	IG164
G45 RH Point Rad 4ft (Code 250 Rail)	IG165
G45 'Y' Point Rad 2ft (Code 250 Rail)	IG166
G45 'Y' Point Rad 2ft 6ins (Code 250 Rail)	IG167
G45 'Y' Point Rad 4ft (Code 250 Rail)	IG168
G45 'Y' Point Rad 5ft (Code 250 Rail)	IG169

### GRS 63.5mm Track

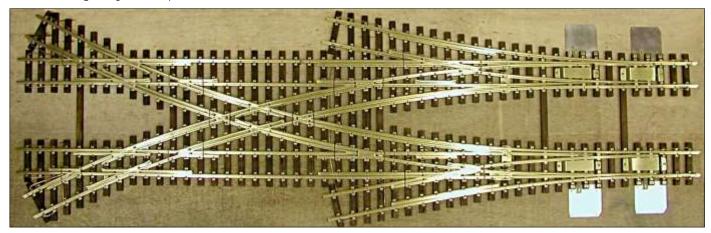
G64 LH Point Rad 8ft	IG1406L
G64 RH Point Rad 8ft	IG1406R
G64 'Y' Point	IG1407
G64 LH Point Rad 10ft	IG1408L
G64 RH Point Rad 10ft	IG1408R
G64 LH Point Rad I 2ft	IG1410L
G64 RH Point Rad 12ft	IG1410R
G64 Sleeper Pack W/Joiners - 5yds	SG1400
G64 Sleeper Base - single	SG1400S
Brass Rail Code 330 - 1500mm	SG1402
G64 Buffer Stop Code 330	SG1404



IG1408R

### Custom Track-Work

As well as our standard range of GRS track-work we can also make bespoke items for those difficult situations, Curved turnouts, Slips-double or single, Crossovers, in fact just about anything that is geometrically possible - see our website for full details or ring and ask us to give you a quote.



### Other Track Accessories



IG123 Point Lever Brass/Stainless Steel (or IG123S Eleven for the price of Ten)



TIE123 8mm Throw Point Lever

Rail Bender Kits IG112 LGB IG113 Tenmille G IG114 Peco G IG115 Peco/Tenmille 32mm BH IG116 Tenmille FB (spare roller sets also available)



TIE001 Lever Frame Kit



TIE004 Point Lever Kit - 8mm Throw



## Rail Clamps

8100151 50 x Rail Clamps for LGB Track

8100176 10 x Rail Clamps for LGB Track



Track Cleaning FG403 Rubberised Abrasive Block FG402 Metal head to hold 2 x FG403 (supplied) with long Handle FG401 Metal head to hold 2 x FG403 (supplied) no handle



# Aluminium Bridges



BC01 Single Track 45mm Gauge 3 ft x 4in x 8.25in

BC02 Single Track 32mm Gauge 3 ft x 4in x 7.5in



BC02-b Single Track 45mm Gauge -Black 3 ft x 4in x 7.5in



BC03 Double Track 45mm Gauge 3 ft x 7in x 14in

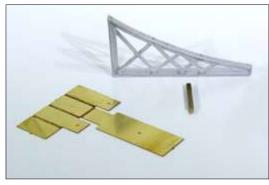
VGSpecial 115cm Deck Truss Bridge -Black

# Signals

Lower Quadrant Signals - with Wooden Post

Kits consist of Tapered wooden posts, whitemetal castings, brass wire and coloured plastic lenses. Easy and satisfying to build and paint in a choice of three versions.

DG965 Home Signal Kit DG966 Distant Signal Kit DG967 Bracket Signal Kit



Signal Parts for the scratch-builder. PPG210 Post base DG970 Bracket FG234 Single hole stanchion PPG206 4 x Bell cranks DG969 3 x Finials FG235 Etched Ladder (290mm)







Street Furniture - High Quality Die-cast models of British Classics

*PRO263* Type 6 Telephone Box, *POB01* 1866 Penfold Letter Box, *POB03* Town & Country Type C "GR" Letter Box, *POB07* Standard Type A "EVIIR" Letter Box (Without Sign), *POB13* Standard Type A "GR" Letter Box (with Sign), *POB18* Standard Type A with Stamp Machine.





### One piece cast resin Containers

CM201 Furniture Container CM202 Detail pack for CM201 - Shackles, Hangers, Chains etc.CM206 AF Insulated, 3ton CM207 Detail pack for CM206 - Shackles, Hangers, Chains etc.

## 54 x 26in Styrene Sheet

High quality material for scratchbuilders of Locos, Rolling stock, or Buildings. Available in Black or White and 7 different thicknesses'.

G712 54x26in x 20 thou(Approx. 0.5mm) G713 54x26in x 30 thou (Approx. 0.75mm) G714 54x26in x 40 thou(Approx. 1.0mm) G716 54x26in x 60 thou (Approx. 1.5mm) G718 54x26in x 80 thou(Approx. 2.0mm) G720 54x26in x 100 thou (Approx. 2.5mm) G721 54x26in x 120 thou (Approx. 3.0mm)

Please see grsuk.com or ring GRS on 01844-345158 for the latest prices on all GRS stock.