

## The following lists locomotives and their wheels.

Loco	Spokes	Diameter	Crank Pin	P/N	Notes
4MT	20	82.55mm	Between	BRT D	Driver
4MT	20	82.55mm	Between	BRT C	Coupled
<b>“A”</b>					
Austerity J94	14		Between	SLD43	4'3" Driver
Austere Ada		63.50mm		AD1	Driver & Coupled
Austerity US	13	63.50mm		US5	Driver
Austerity US	13	63.50mm		US6	Intermediate Coupled
Austerity US	13	63.50mm		US7	Leading & Trailing Coupled
<b>“B”</b>					
Black 5	19	79.4mm		W38	Driver
Black 5	19	79.4mm		W39	Coupled
Black 5	10	27.00mm		W40	Bogie
Black 5	12	50.80mm		W5	Tender
BR-08	15	60.75mm	Outside	SLD46	4'6" Driver
Britannia	20	82.55mm	Between	BRT D	Driver
Britannia	20	82.55mm	Between	BRT C	Coupled
<b>“D”</b>					
Downside	10	41.30mm		W1	Bogie
Downside	Solid	54.00mm		W4	Tender
<b>“E”</b>					
Eagle	20	85.72mm		W10	Driver & Coupled
Eagle	10	44.45mm		W2	Bogie
Eagle	12	50.80mm		W5	Tender
Evening Star	15	66.68mm		W53	Driver
Evening Star	12	50.80mm		W5	Tender
<b>“F”</b>					
Flying Scot	20	88.90mm		W15	Driver
Flying Scot	20	88.90mm		W16	Coupled
Flying Scot	10	41.27mm		W1	Bogie
Flying Scot	12	50.80mm		W3	Trailing
Flying Scot	Solid	54.00mm		W4	Tender
<b>“G”</b>					
GWR	12	55.00mm		SLT415	4'1.5" Tender
GWR14xx	16	70.00mm	Between	SLD52B	5'2" Driver
GWR 202	12	55.00mm	Between	SLD415	4'1.5" Driver
GWR 8750	15	61.00mm	Between	SLD47	4'7" Driver
GWR "Hall"	20	81.00mm	Between	81 WC	Block Crescent
GWR "Manor"	18	77.00mm	Between	SLD58B	5'8" Driver

Loco	Spokes	Diameter	Crank Pin	P/N	Notes
<b>“L”</b>					
LBSC Terrier	12	54.00mm	Inline	X3	4' Driver
LBSC Terrier	12	54.00mm	Inline	X4	4' Coupled
LMS 1F	15	61.00mm	Between	SLD47	4'7" Driver
LMS 4P Tank	18	76.20mm	Between	W6	Driver & Coupled
LMS Duchess	9	40.50mm		X35	3' Leading
LMS Duchess	21	91.12mm	Between	X37	6'9" Driver
LMS Duchess	11	50.62mm		X36	3'9" Trailing
LMS Duchess	12	57.37mm		X38	4'3" Tender
LMS Jubilee	10	44.43mm		X134	3'3 1/2" Leading
LMS Jubilee	21	91.12mm	Between	X153	6'9" Driver
LMS Jubilee	12	57.37mm		X38	4'3" Tender
LNWR N5	15	67.50mm	Between	SLD50	5' Driver
LNWR	12	60.00mm	Between	6012	H spoke
LNWR	20	92.50mm	-	9524	Small Crescent circular boss
LNWR	22	105.00mm	Inline	10522	Small block
LSWR B4	10	50.00mm	Inline	5210	
LYR PUG	Solid	40.00mm		40PUG	
Lyme Regis	Boxpok	83.34mm		WC1	Driver & Coupled
Lyme Regis	Boxpok	41.27mm		WC2	Bogie, Tender & Trailing
<b>“M”</b>					
Midland 2F	16	70.00mm	Inline	SLD521	5'2" Driver
Midland	12	57.00mm		SLT43	4'3" Tender
<b>“N”</b>					
N15	10	48.00mm		4810	
NBR "G"	10	56.50mm	Inline	5610	
Nigel Minor	14	62.00mm		W64	Driver & Coupled
Nigel Minor	10	41.27mm		W1	Pony
Nigel Minor	12	50.80mm		W5	Tender
NER "H"	10	47.00mm	Inline	4710	
NER "H"	10	47.53mm	Inline	X152	3'6 1/4" Driver
NER "K"	9	40.00mm	Between	4006	
NZGR Ab	8	85.72mm	Between	AB5	Driver
NZGR Ab	12	85.72mm	Between	AB6	Coupled
NZGR Ab	9	47.62mm		AB4	Bogie & Tender
NZGR Ab	9	47.62mm		AB7	Trailing
NZGR Kb				KB5	Driver
NZGR Kb				KB3	Leading & Trailing Coupled
NZGR Kb				KB4	Intermediate Coupled
NZGR Kb				KB6	Bogie, Tender & Trailing

Loco	Spokes	Diameter	Crank Pin	P/N	Notes
<b>"S"</b>					
S15	10	41.27mm		W1	Bogie
S15	18	74.50mm	Inline	7518 N	
S15	18	74.50mm	Inline	7518 L	Large Crescent
S15	18	74.50mm	Inline	7518 S	Small Crescent
S15	10	41.00mm		4110	
SECR C	16	66.67mm		CLD	Driver
SECR C	16	66.67mm		CLC	Coupled
SECR C	12	54.00mm		W7	Tender
SR "H15"	20	81.00	Between	8120 N	
SR KA	22	89.50mm	Between	8922 N	
SR LN	22	89.50mm	Between	8922 N	
SR "N"	18	76.00mm	Inline	7518 N	
SR Q1	Boxpok	73.00mm		Q1	Driver & Coupled
SR Q1	Boxpok	41.27mm		WC2	Tender
SR "U"	20	81.00mm	Between	8120 N	
SR "V"	22	89.50mm	Between	8922 N	
Stirling Single	24	107.95mm	Between	ST1	Driver
Stirling Single	12	53.97mm		ST2	Bogie & Tender
Stirling Single	14	53.97mm		ST6	Trailing (post 1876)

The following wheels are not for any specific item and are listed in ascending size order.

30mm	Spokes	Diameter	Crank Pin	P/N	Notes
	Solid	35.00mm		K11	D
	8	36.50mm		3508	
	Solid	36.50mm		36DI	
	10	36.50mm		3501	"LBSC" designs
	Solid	36.50mm		K10	D
	8	37-44mm		T1807	3'1" Bogie & Wagon
	10	38.10mm		K9	D
	10	39-44mm		T1818	3'3" Bogie & Tender
40mm	Spokes	Diameter	Crank Pin	P/N	Notes
	9	40.50mm		SLB30	3'9" Trailing
	9	41.00mm		4109	
	10	41.27mm		K8	D
	8	42.00mm		4008	
	12	42.00mm		4212	
	8	42.00mm		SLG701	Wagon
	8 split	42.00mm		SLG702	Wagon
	3 Hole	42.00mm		PG700	Wagon
	3 Holes	42.00mm		RSA34	
	Solid	42.00mm		RSA34P	
	10	43.50mm		4410	
	8	37-44mm		T1807	3'1" Bogie & Wagon
	10	39-44mm		T1818	3'3" Bogie & Tender
	10	47.00mm		SLB36	3'6" Trailing
	Solid	47.00mm		RSA37	
	12	47.62mm		K12	D
	12	47.62mm		K6	C
	12	47.62mm		K7	C
	12	49-55mm		T1841	4'0" Tender
	12	49.5mm		4912	
50mm	Spokes	Diameter	Crank Pin	P/N	Notes
	10	50.00mm		SLB38	3'8" Trailing
	10	50.00mm		5110	
	12	54.00mm	Between	5312 S	Small Crescent
	12	54.00mm	Between	5312 B	Large Crescent
	Solid	50.80mm		K5	B
	12	49-55mm		T1841	4'0" Tender
	12	55.00mm		5412	
	12	56.50mm	Between	5612	Heavy Block
	12	57.15mm		K4	B

60mm	Spokes	Diameter	Crank Pin	P/N	Notes
	14	61.50mm		6014	
	14	62.00mm	Inline	6114	Medium Crescent
	14	63.50mm		K3	B
	14	64.00mm	Inline	6314	Medium block
	16	69.00mm	Inline	6916 N	
	16	69.00mm	Inline	6916 S	Small Crescent
	16	69.00mm	Inline	6916 L	Large Crescent
	16	69.00mm	Inline	6916 A	Offset left +
	16	69.00mm	Inline	6916 B	Offset right +
	16	69.89mm		K2	B
	16	65-71mm	Between	T1909	5'3" Driver

70mm	Spokes	Diameter	Crank Pin	P/N	Notes
	16	65-71mm	Between	T1909	5'3" Driver
	18	76.00mm	Inline	7518 A	Offset right +

80mm	Spokes	Diameter	Crank Pin	P/N	Notes
	20	84.00mm	Inline	8220 N	
	20	84.00mm	Inline	8220 L	Large Crescent
	20	84.00mm	Inline	8220 S	Small Crescent
	20	89.00mm	Inline	8920 N	
	20	89.00mm	Inline	8920 S	Small Crescent
	20	89.00mm	Inline	8920 L	Large Crescent
	20	89.00mm	Inline	8920 A	Offset right +
	22	89.50mm		8922 SD	Med Crescent

90mm	Spokes	Diameter	Crank Pin	P/N	Notes
	20	92.07mm		K1	A
	24	95.00mm	Between	9624	Med Crescent

100mm	Spokes	Diameter	Crank Pin	P/N	Notes
	22	103.00mm		10122	Small block
	22	103.00mm	Between	10222	Small block

## Guide to Supplier Colour Code:

Garden Railway Specialist are in **ORANGE**.

Brandbright are in **MAGENTA**.

Mark Wood Wheels are in **BROWN**.

Walsall Model Industries are in **BLUE**.

Kennion Bros are in **RED**.

Alan Headech are in **GREEN**.

National 2.5Ga Assoc. are in **BLACK**.

Notes about Suppliers:

### Garden Railway Specialists (GRS)

GRS supply wheels made for them by Slaters. These are complete with crankpins and bushes. You will have to buy the GRS axles and allen keys to fit these wheels.

### Brandbright

Brandbright will supply the above as individual axles and wheels for the fitting of gears etc if requested.

### Walsall Model Industries -Castings for Gauge 3.

The T1909 driver casting is designed to take up to a 1/2 inch throw.

### KENNION BROS. WHEEL CASTINGS for 2½" Gauge

- A - crescent balance weight for drivers
- B - flat crescent balance weight for drivers and coupled
- C - no balance weight for tenders
- D - no balance weight for engine bogies

Notes about Wheel Codings.

Between in the Crankpin column means that the crankpin is located between spokes

Inline in the Crankpin column means that the crankpin is located in line with the spokes.

Outside in the Crankpin column means that the wheel is designed to use external flycranks.

A "+" in the Notes column = Looking at wheel with Crankpin at bottom position.

Wheels with Part / Numbers with suffixes 'A' and 'B' are for the driving wheels of locomotives with inside cylinders only, the coupled wheels being suffixed 'S'.