

Gorton Contractors Drawing Rolls List

Description: These drawings held by the National Railway Museum do not represent the full range of locomotives repaired or constructed at the Gorton Works and confined to a number of rolls of contractor's drawings. These are sets of drawings for particular types of locomotive produced by outside contractors. Originally covering all drawings that might be required for construction and repair, in virtually all cases the drawings showing the general arrangement of the locomotives and tenders are missing, but the bulk of the sets remains. In the majority of cases there is also an index with each set, listing the individual drawings originally provided.

The associated list provides a description of the sets of drawings as boxed, using any descriptive information found on the rolls. It does not list the individual drawings, which are in most cases still attached in their sets to wooden rods. To make the best use of the rolls some knowledge of the successive classification systems used by the MS&LR, the GCR, LNER and British Railways is required. In most cases the rolls already indicate the GCR and sometimes the LNER classification numbers, occasionally only a locomotive number series.

In the case of some sets of drawings, as well as the original drawing numbers for the set, there is also an LNER drawing number. However, to access individual drawings from the collection the only numbering system that works comprehensively is to use the box number, coupled with the drawing number as per the index. It is sometimes also necessary to distinguish whether the drawing relates to the locomotive or the tender where the latter are listed to a separate sequence.

Included within the collection are 64 drawings from the LNER period. These mostly relate to O1, O4, O5 and Q1 locomotives, though some other classes are included. These have been boxed and sorted as complete sets in chronological order by company. There are a small number of drawings that do not fall into this sequence.

Physical Characteristics: The majority of the drawings are wax linen affixed in sets to wooden rods. One or two rolls have become detached from their rolls. There are a small number of miscellaneous loose drawings and blueprints, mainly from the later London & North Eastern Railway period.

Administrative/Biographical History: During the early 1840s several companies were in negotiations for what would later be the formation of the Manchester, Sheffield and Lincolnshire Railway. One of these companies was the Sheffield, Ashton-under-Lyne and Manchester Railway. On 27 August 1845 the board of the SA&M decided to construct a locomotive depot and works, chose land at Gorton on the outskirts of Manchester and approved plans for construction on 4 March 1846. The works were planned by the locomotive superintendent Richard Peacock, then aged 26, who later became a partner in Beyer Peacock & Co. In the early 1850s he established their works directly opposite Gorton Works.

The works were completed by 1848. There were separate depots for locomotive work and for carriage and wagon work, the latter being on two floors with an elaborate lift system to take carriages to and from the first floor. In the early years work was confined to repairs and adjustments. A decision to build locomotives was made in 1857 and the first Gorton-built locomotive appeared in 1858.

For the whole of the life of the Works it was common to outsource construction, principally to Kitson & Co Ltd of Leeds, Beyer Peacock next door in Gorton, and Neilson & Co of Glasgow. Other contributors to the fleet included Stephenson's, Armstrong Whitworth and Sharp Stewart.

Always confined as to space the Gorton Works soon earned the nickname of 'The Tank'. Overcrowding became such that in 1910 a new site was opened at Dukinfield, to which carriage and wagon work was transferred in 1910.

In 1897 the MS&LR was re-styled as the Great Central Railway in anticipation of the completion of its London extension. Its headquarters were removed to the London Terminus at Marylebone. Following amalgamation under the post-war grouping scheme in 1922 the GCR became in turn part of the London and North Eastern Railway. Locomotive construction was increasingly concentrated on the Darlington and Doncaster works, though a small amount continued after nationalisation under the aegis of British Railways. The last locomotives were built during 1950.

Chief Engineers of Gorton Works:

Dates Name Company

1847-1854 Richard Peacock MS&LR

1854-1859 William Grindley Craig MS&LR

1859-1885 Charles Reboul Sacré MS&LR

1886-1893 Thomas Parker MS&LR

1894-1900 Harry Pollitt MS&LR/ GCR

1900-1922 John George Robinson GCR

From absorption into the LNER and later into British Railways overall management was vested in the appropriate regional Chief Mechanical Engineer.

Contractor's Drawing Rolls

Box Number	Company	Loco Type	Series/ Class	Builder	Number	Notes
01	Lancashire, Derbyshire and East Coast Railway	Goods Tank 6WC	0-6-2 A Class (N6)	Kitson & Co	66	Index 1-65; incomplete; GA missing; loose; some additional blueprints etc.
02	Lancashire, Derbyshire and East Coast Railway	Shunting Tank Loco 6WC	0-6-0 B Class (J60)	Kitson & Co	63	Index 1-66; incomplete; GA missing; on stick; out of sequence
03	Lancashire, Derbyshire and East Coast Railway	Bogie Passenger	0-4-4T C Class (G3)		70	Index 1-73; incomplete; GA missing; loose
04	Lancashire, Derbyshire & East Coast Railway	Tank	0-6-4T Class D and M1	Kitson & Co	95	Index Missing; GA missing; 3-93 plus some alterations remain
05	Manchester, Sheffield & Lincolnshire Railway	Passenger Tank	2-4-2T Nos 586-600	Neilson & Co	129	Duplicated: Index 1-132; incomplete; 1-3 missing including GA; on stick
06	Manchester, Sheffield & Lincolnshire Railway	Passenger Tank	2-4-2T Nos 586-600	Neilson & Co	129	Duplicated: Index 1-132; incomplete; 1-3 missing including GA; on stick
07	Manchester, Sheffield & Lincolnshire Railway	Goods Tank	0-6-2T Class 9A (N4) Nos 712-725	Neilson & Co	126	Duplicated: Index 1-128; incomplete; 1-2 missing (GA); on stick
08	Manchester, Sheffield & Lincolnshire Railway	Goods Tank	0-6-2T Class 9A (N4) Nos 712-725	Neilson & Co	126	Duplicated: Index 1-128; Incomplete; GA missing; on stick
09	Manchester, Sheffield & Lincolnshire Railway	Goods Tank	0-6-2T 9A and N11	Neilson & Co	130	Index 1-133; incomplete; GA missing; on stick
10	Manchester, Sheffield & Lincolnshire Railway	Goods Tender	0-6-0- 9D (J10)	Kitson & Co	112	Index 1-113; GA missing; on stick
11	Manchester, Sheffield & Lincolnshire Railway	Passenger Tank 726-737	2-4-2T Class 3 (F1)	Neilson & Co	129	Duplicated: Index 1-131; GA 1-2 missing; on stick
12	Manchester, Sheffield and Lincolnshire Railway	Bogie Passenger Tender	4-4-0 with 4000 gallon tender	Gorton Works 1896	111	Index 1-112; GA missing; on stick
13	Manchester, Sheffield and Lincolnshire Railway	Goods Tender	0-6-0 Class 9D (J10)	Kitson & Co	112	Index 1-113; GA missing; on stick
14	Manchester, Sheffield and Lincolnshire Railway	Passenger Tank Nos 726-737	2-4-2T Class 3 (F1)	Neilson & Co	129	Duplicated: Index 1-131; GA missing; Stick
15	Manchester, Sheffield and Lincolnshire Railway	Goods Tank	0-6-2T Class 9A (N4)	Neilson & Co	130	Index 1-133; GA's 1-3 missing; on stick

Contractor's Drawing Rolls

Box Number	Company	Loco Type	Series/ Class	Builder	Number	Notes
16	Manchester, Sheffield & Lincolnshire Railway	Goods Tank	0-6-2T 9F and N5	Beyer Peacock	128	Duplicated: Index 1-129; Incomplete; GA missing; on stick
17	Manchester, Sheffield & Lincolnshire Railway	Goods Tank	0-6-2T 9F (N5)	Beyer Peacock	138	Duplicated: Index 1-129 plus 10 loose alterations, main series on stick. GA missing; some damage to ends of drawings
18	Manchester, Sheffield & Lincolnshire Railway	Goods Tender	0-6-0 9H (J10)	Beyer Peacock	113	Index 1-114; GA missing; on stick
19	Great Central Railway	Passenger Tank	4-4-2T 9K and C13	Beyer Peacock	139	Index 1-139; incomplete; GA missing; stick (possibly the same roll as number 23)
20	Great Central Railway	8WC Bogie Goods Tender	4-6-0 Class 8G	Beyer Peacock	197	Index 1-199; GA's missing; on stick
21	Great Central Railway	Bogie Tank 1170-1173	0-8-4T Class 8H (Wath Banker)	Beyer Peacock	182	Index 1-183; GA 1-1A missing; Loose. Many drawings also have LNER numbers added
22	Great Central Railway	Atlantic 192 & 194	4-4-2 Class C4	Beyer Peacock	98	Index 1-172; Tender 173-218; GA missing; some ends of drawings frayed; on stick but incomplete (1-100)
23	Great Central Railway	Passenger Tank	2-4-2T Class 9G (F2)	Beyer Peacock	139	Index 1-139 inc 1A; GA missing; Loose (possibly the same roll as 19)
24	Great Central Railway	Bogie Passenger	4-6-0 8C Class	Beyer Peacock	39	Index 1-39; incomplete, GA missing; on stick
25	Great Central Railway	Bogie Passenger	4-6-0 8F Class	Beyer-Peacock	58	Index 1-59; incomplete, GA's missing, on stick
26	Great Central Railway	4000 Gallon Tender	4-4-2 Atlantic	Beyer-Peacock	29	Complete sequence with index in loose roll.
27	Great Central Railway	8WC Goods Tender	0-8-0 Class 8A	Kitson & Co	165	Duplicated: Index missing; incomplete set; loco drawings 1-28 missing of 148; tender drawings 1-45 present; loose

Contractor's Drawing Rolls

Box Number	Company	Loco Type	Series/ Class	Builder	Number	Notes
28	Great Central Railway	Goods Tender	0-8-0 8A Class	Kitson & Co	26	Duplicated: Index 1-28; incomplete; GA included; on stick
29	Great Central Railway	8WC Goods Tender	0-8-0 Class 8A (Q4)	Kitson & Co	189	Duplicated: Index 1-148; Tenders 1-45; GA's 1-4 missing; on stick
30	Great Central Railway	Tender/ War Office	2-8-0 ROD	Nasmyth-Wilson (drawings 1-49)	48	Index 1-208; incomplete (99-208 missing); loose
31	Great Central Railway	Tender/ War Office	2-8-0 ROD	Nasmyth-Wilson (drawings 50-99)	49	Index 1-208; incomplete (99-208 missing); loose
32	Great Central Railway	Goods Tender 973-1012	0-6-0 9J (J11)	Neilson & Co	167	Index 1-173; GA and section drawings 1-6 missing; on stick
33	Great Central Railway	6WC Passenger Tender	Class 8	Neilson Reid & Co	190	Index 1-148; Tender 1-45; GA 1-3 missing; on stick
34	Great Central Railway	8WC Goods Tender	1052-1054	Neilson Reid & Co	179	Index 1-138; Tender 1-45; GA's 1-4 missing; on stick
35	Great Central Railway	Bogie Passenger Tender	4-4-0 Class 11B	Sharp Stewart	128	Index 1-129; GA missing; on stick
36	Great Central Railway	Bogie Passenger Tender	4-4-0 Class 11B	Vulcan Foundry	149	Index 1-151; GA's 1-2 missing; on stick
37	Great Central Railway	Goods Tender	0-6-0 9J Class	Vulcan Foundry	114	Index 1-166; incomplete; GA missing; loose
38	Great Central Railway	Bogie Passenger Tank	4-4-2T Class 9K (C13)	Vulcan Foundry	126	Duplicated: Index 1-128; GA missing; on stick; filed in reverse order
39	Great Central Railway	Bogie Passenger Tank	4-4-2T Class 9K (C13)	Vulcan Foundry	127	Duplicated: Index 1-128; GA missing; on stick
40	Great Central Railway	Goods Tender	0-6-0 Class 9J (J11)	Vulcan Foundry, Newton-le-Willows	162	Index 1-166; GA 1-4 missing; on stick
41	London & North Eastern Railway	Passenger 4-4-0	4-4-0 Class D11	Armstrong Whitworth	138	Index missing; drawings 7-144 present; GA's missing; loose

Contractor's Drawing Rolls

Box Number	Company	Loco Type	Series/ Class	Builder	Number	Notes
42	London & North Eastern Railway	Tank	4-6-2T	Hawthorn Leslie	167	Index 1-169; GA 2-3 missing; diagram present; on stick
43	London & North Eastern Railway	Passenger	4-4-0 D11/2	Kitson & Co	144	Index 1-146; incomplete; GA missing; on stick
44	London & North Eastern Railway	Passenger	4-4-0 D11 Class	Kitson & Co; Armstrong-Whitworth	27	Incomplete roll, no index, loose, see Roll 4
45	London & North Eastern Railway	Passenger	4-4-0 D11 Class	Kitson & Co; Armstrong Whitworth	39	Incomplete roll; no index; loose; includes GA's; see Roll 2
46	London & North Eastern Railway	Various	Various	Mixed roll of locomotive drawings	30	See separate listing
47	London & North Eastern Railway	Various	Various	Mixed roll of locomotive drawings	26	See separate listing

LNER Drawings List

Box No.	Drawing No.	Additional Suffix	Suffix	Title	Classes	Earliest Date	Notes
47	18301		C	Leading Coupling Rod	O1; O4	21/06/1957	
47	18302		C	Intermediate Coupling Rod	O1; O4	06/04/1956	
47	18303		C	Trailing Coupling Rod	O1; O4	04/04/1956	
47	18304		C	Leading Coupling Rod	O1; O4	23/04/1956	
47	18305		C	Intermediate Coupling Rod	O1; O4	25/04/1956	
47	18306		C	Trailing Coupling Rod	O1; O4	23/04/1956	
47	18308		C	Coupling Rod Details	O1; O4	19/04/1956	
47	18309		C	Coupling Rod Oilwell Covers	O1; O4	26/04/1956	
47	18353		C	Leading Coupluing Rod Knuckle Joint	O1; O4	01/05/1957	
47	18358	1-9	C	Coupling Rod Details	O1; O4	No date	Multiple drawing
47	18358-18366		C	Coupling Rod Details	J39	No date	Multiple drawing
47	18369		C	Leading Coupling Rod	O4	15/10/1957	
47	18307		C	BR Type Coupling Rod Bushes	O1; O4	18/06/1957	
47	15071		C	Piston Rod Packing	Q1	28/01/1926	Replaces 14404-C
47	15367	A	C	Axlebox Dust Shield	O1; O4	10/09/1962	
47	15537		C	Drawbar Arrangement and Details	Not specified	27/11/1933	
47	16840		C	Piston Rod Packing	B1, B4, B5, C4 Q4	14/03/1935	Old GCR classes 8, 8A, 8B, 8C, 8F, 8G, 8K, 8M, 8N
47	16641		C	Bogie Axlebox (Right Hand Shown)	O1; O4	18/09/1933	Replaces 5697-C
46	00383		V	Engine Bearing Spring (Pony Truck)	O1; O4	02/02/1955	

LNER Drawings List

Box No.	Drawing No.	Additional Suffix	Suffix	Title	Classes	Earliest Date	Notes
47	17568		C	Bronze Liners to replace white metal in Crosshead	Various Classes	21/09/1942	
47	17726		C	Trailing Axlebox	O1; O4	03/04/1944	
47	17728		C	Intermediate Axlebox	O1; O4	27/03/1944	
47	17729		C	Leading Axlebox	O1; O4	17/04/1944	
47	17801		C	Leading Coupling Rod	Not specified	10/05/1945	
47	17803		C	Trailing Coupling Rod	Not specified	16/05/1945	
47	17804		C	Intermediate and Driving Coupling Rods	Not specified	18/05/1945	
47	17832		C	Fabricated Sandboxes	O1	06/11/1945	
47	17833		C	Sandbox Fabricated	O1	07/11/1945	
47	17836		C	Fabricated Trailing Sandbox	O1	20/11/1945	
47	18165		C	Piston Oil-retaining Ring	Q1; O4	15/01/1952	
47	18219		C	Bushes in Leading Coupling Rod (for Knuckle Joint)	O1; O4	06/05/1954	
47	18281		C	Leading Axle	O1	07/11/1955	
46	09645		C	Cab	O4	10/12/1921	
46	00048		C	Valve Spindle Packing	O4; J11; Q4	26/05/1942	
46	03840		C	Driving Hornblock	Various	1939	
46	03841		C	Hornblock	Various	No date	
46	05380		C	Steam Brake Cylinder	Various	No date	
46	05695		C	Straight Axle	Not specified	10/12/1942	
46	05632	B	C	Straight Axles	Not specified	11/12/1942	
46	05632	A	C	Straight Axles	Not specified	11/12/1942	

LNER Drawings List

Box No.	Drawing No.	Additional Suffix	Suffix	Title	Classes	Earliest Date	Notes
46	05959		C	Hornblock	O4; O5; S1; J11; Q1; O1	08/06/20	
46	06177		C	Connecting Rod	8, 8A, 8G, 8H, 8K, 8M, 8N	No date	Great Central Railway
46	06180		C	Slidebars	O4; O5	02/12/1942	
46	06309		C	Valve Connecting Rod	Q1; O4; O5	09/03/1903	
46	06310		C	Reversing and Lifting Links	Q1; O4; O5	10/03/1903	
46	06404		C	Crosshead	O4; Q1; S1	25/04/1945	
46	06570		C	Eccentric Sheaves	O4; O5; Q1	14/11/1904	
46	06633		C	Brake Shaft Bracket	O4; Q1	No date	
46	07912		C	Single Hornblock	A5; D10; D11; O4; Q4; Q1; S1	12/01/1943	
46	07969		C	Eccentric Strap	Q4; B9; O4; O5; B6; B5	02/08/1907	
46	08026		C	Eccentric Rods	Q1; O4; O5	28/09/1907	
46	08114		C	Brake Shaft and Brake Cylinder Piston Connecting Rod	B5; Q4; C4; B1; C5; O4	No date	
46	09466		C	Straight Axles	Q1; O1; O4	15/12/1942	
46	09600		C	Bogie Cradle Casting	Not specified	07/02/1946	
46	09601		C	Bogie Frame Stays	O4; O5; O1	No date	
46	09603		C	Piston Rod	Not specified	20/10/1955	
46	09608		C	Cast Iron Platform	O4 2-8-0 Goods Engines	11/05/1911	
46	09611		C	Bogie Axlebox Slides	O4; O5; O1	17/09/1943	

LNER Drawings List

Box No.	Drawing No.	Additional Suffix	Suffix	Title	Classes	Earliest Date	Notes
46	09612		C	Bogie Details	O4; O5; O1	10/06/1939	
46	09613		C	Bogie Swing Links and Brackets	O4; O5; O1; L3	12/05/1911	
46	09614		C	Radial Arm and Carriers	O4; O5; O1	No date	
46	09921		C	Bogie Frame Stay	Various classes	07/12/1937	
47	11943		C	Sandboxes	O4; O5 2-8-0 Goods Engines	22/11/1917	
47	14086		C	Alteration to Cab Roof (adn fittings)	O4 2-8-0 Mineral Engines	15/03/1923	

LNER Microfilm List

Prefix	Number	Suffix	Title	Date	Scale	Notes
Gorton	5632	A-C	Straight Axle [Intermediate]	1942/12/11	3"-1ft	O4/8K etc
Gorton	5632	B-C	Straight Axle [Trailing]	1942/12/11	3"-1ft	O4/8K etc
Gorton	5695	C	Straight Axle [Pony Truck]	1942/12/10	3"-1ft	O4/8K etc
Gorton	5959	C	Leading Hornblock	1920/06/08	6"-1ft	O4/8K etc
Gorton	6177		Connecting Rod [Great Central Railway]	No date	Various	O4/8K etc
Gorton	6180	C	Slidebars, LNER O4 and O5 Type Engines	1942/12/02	Various	O4/8K etc
Gorton	6309	C	Valve Connecting Rod	1903/03/09	Full size	O4/8K etc
Gorton	6310	C	Reversing and Lifting Links	1903/03/10	Full size	O4/8K etc
Gorton	6404	B-C	Crosshead [LNER]	1945/04/25	Full size	O4/8K etc
Gorton	6570	C	Eccentric Sheaves [LNER]	1904/11/14	Full size	O4/8K etc
Gorton	6633	C	Brake Shaft Bracket	No date	Full size	O4/8K etc
Gorton	7912	C	Single Hornblock	1943/01/12	6"-1ft	O4/8K etc
Gorton	7969	C	Eccentric Strap etc [No Title]	1907/08/02	Full size	O4/8K etc
Gorton	9466	C	Straight Axle [Driving]	1942/12/15	3"-1ft	O4/8K etc
Gorton	9600	C	Bogie Cradle Casting	1946/02/07	Half size	O4/8K etc
Gorton	9601	C	Bogie Frame Stays	No date	Various	O4/8K etc
Doncaster	9603	C	Piston Rod	1955/10/20	Not stated	O4/8K [?]
Gorton	9608	C	Cast Iron Platform: 2-8-0 Goods Engines No O4 Type	1911/05/11	3"-1ft	O4/8K etc
Gorton	9611	C	Bogie Axlebox Slides	1943/09/17	Full size	O4/8K etc
Gorton	9612	C	Bogie Details	1939/06/10	Various	O4/8K etc
Gorton	9613	C	Bogie Swing Links & Brackets	1911/05/12	Full size	O4/8K etc
Gorton	9614	C	Radial Arm & Carriers	No date	3"-1ft	O4/8K etc
Gorton	9645	C	Cab: 2-8-0 Goods Engines No O4 Type	1921/12/10	1½"-1ft	O4/8K etc
Gorton	9921	C	Bogie Frame Stay	1937/12/07	3"-1ft	O4/8K etc
Gorton	11943	C	Trailing Sandbox: 2-8-0 Goods Engines O4 & O5	1917/11/12	Various	O4/8K etc

LNER Microfilm List

Prefix	Number	Suffix	Title	Date	Scale	Notes
Gorton	14086	C	Alteration to Cab Roof, Whistle Seating and Lever, Position of Pressure Gauge Cock etc for engines working over NB section, 2-8-0 Mineral Engine O4	1923/03/15	3"-1ft	O4/8K etc
Gorton	15071	C	Piston Rod Packing	1926/01/28	Full size	O4/8K etc
Gorton	15367	A-C	Axlebox Dust Shield	1933/10/08	Full size	O4/8K etc; revised drawing 1962
Gorton	15537	C	Drawbar Arrangement & Details	1933/11/27	Various	O4/8K etc
Gorton	16641	C	Bogie Axlebox [right hand shown]	1933/09/18	Full size	O4/8K etc
Gorton	16840	C	Piston Rod Packing	1935/03/14	Full size	O4/8K etc
Gorton	17568	C	Bronze liners to replace white metal on crosshead to drawing 6404-C	1942/09/21	Full size	O4/8K etc
Gorton	17726	C	Trailing Axlebox, O1, O4	1944/04/03	Full size	O4/8K etc
Gorton	17728	C	Intermediate Axlebox, O1, O4	1944/04/07	Full size	O4/8K etc
Gorton	17729	C	Leading Axlebox, O1, O4	1944/04/17	Full size	O4/8K etc
Gorton	17801	C	Leading Coupling Rod, O1, O4 renewals	1945/05/10	Full size	O4/8K etc
Gorton	17803	C	Trailing Coupling Rod, O1, O4 renewals	1945/05/16	Full size	O4/8K etc
Gorton	17804	C	Intermediate and Driving Coupling Rods, O1, O4 [FRAME 1 OF 2]	1945/05/18	Full size	O4/8K etc
Gorton	17804	C	Intermediate and Driving Coupling Rods, O1, O4 [FRAME 2 OF 2]	1945/05/18	Full size	O4/8K etc
Gorton	17832	C	Fabricated Sandboxes - Leading, O1	1945/11/06	Not stated	O4/8K etc
Gorton	17833	C	Fabricated Sandbox, O1	1945/11/07	Half size	O4/8K etc
Gorton	17836	C	Fabricated Trailing Sandbox, O1	1945/11/20	Half size	O4/8K etc
Gorton	18165	C	Piston Oil-Retaining Ring	1952/01/15	Full size	O4/8K etc
Gorton	18219	C	Bushes in Leading Coupling Rod (for knuckle joint), O1, O4	1954/05/06	Full size	O4/8K etc
Gorton	18281	C	O1 Leading Axle	1955/11/07	3"-1ft	O4/8K etc

LNER Microfilm List

Prefix	Number	Suffix	Title	Date	Scale	Notes
Gorton	18301	C	Leading Coupling Rod, O1, O4	1957/06/21	Full size	O4/8K etc
Gorton	18302	C	Intermediate Coupling Rod, O1, O4 [FRAME 1 OF 2]	1956/04/06	Full size	O4/8K etc
Gorton	18302	C	Intermediate Coupling Rod, O1, O4 [FRAME 2 OF 2]	1956/04/06	Full size	O4/8K etc
Gorton	18302	C	Intermediate Coupling Rod, O1, O4 [FRAME 2 OF 2 -DUPLICATE]	1956/04/06	Full size	O4/8K etc
Gorton	18303	C	Trailing Coupling Rod, O1, O4 [FRAME 1 OF 2]	1956/04/04	Full size	O4/8K etc
Gorton	18303	C	Trailing Coupling Rod, O1, O4 [FRAME 2 OF 2]	1956/04/04	Full size	O4/8K etc
Gorton	18304	C	Leading Coupling Rod, O1, O4	1956/04/23	Full size	O4/8K etc
Gorton	18305	C	Intermediate Coupling Rod, O1, O4	1956/04/25	Full size	O4/8K etc
Gorton	18306	C	Trailing Coupling Rod, O1, O4 [Frame 1 of 2]	1956/04/23	Full size	O4/8K etc
Gorton	18306	C	Trailing Coupling Rod, O1, O4 [Frame 2 of 2]	1956/04/23	Full size	O4/8K etc
Gorton	18307	C	BR Type coupling rods fitted to O1 & O4 Class Coupling Rods [Item List]	No date	No scale	O4/8K etc
Gorton	18307	C	BR Type Coupling Rod Bushes, O1, O4 [FRAME 1 OF 2]	1957/06/18	Full size	O4/8K etc
Gorton	18307	C	BR Type Coupling Rod Bushes, O1, O4 [FRAME 2 OF 2]	1957/06/18	Full size	O4/8K etc
Gorton	18308	C	Coupling Rod Details, O1, O4	1956/04/19	Full size	O4/8K etc
Gorton	18309	C	Coupling Rod Oilwell Covers	1956/04/26	Full size	O4/8K etc
Gorton	18353	C	Leading Coupling Rod Knuckle Joint, O1, O4	1957/05/01	Full size	O4/8K etc
Gorton	18358	C [1-9]	Intermediate, Driving and Trailing Coupling Rod Bushes, O1, O4 (multiple drawing)	No date	No scale	O4/8K etc

LNER Microfilm List

Prefix	Number	Suffix	Title	Date	Scale	Notes
Gorton	18366	C	Coupling Rod Bushes (WD, J39, O4 etc) - multiple drawing	No date	No scale	O4/8K etc
Gorton	18369	C	Leading Coupling Rod, O4	1957/10/15	Full size	O4/8K etc
Gorton	3840	C	Driving Hornblock	No date	6"-1ft	O4/8K etc
Gorton	3841	C	Hornblock	No date	6"-1ft	O4/8K etc
Gorton	48	C	Valve Spindle Packing	1942/05/26	Full size	O4/8K etc
Gorton	5380	C	Steam Brake Cylinder	No date	Full size	O4/8K etc
Gorton	810	C	Standard 10 inch Piston Valve with Pressure relief Valves	1920/04/07	Full size	O4/8K etc
Gorton	8026	C	Eccentric Rods	1907/09/28	Various	O4/8K etc
Gorton	8114	C	Brake Shaft & Brake Cylinder Piston Connecting Rod	No date	Full size	O4/8K etc
Gorton V	383		Engine Bearing Spring	1955/02/02	Various	O4/8K etc