

RELIANCE MOTOR AND MACHINE WORKS LTD.

AN INVENTORY OF THEIR FONDS
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SPECIAL COLLECTIONS

JUNE 1992

11
RELIANCE MOTOR AND MACHINE WORKS

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Boxes 1 - 7

Working plans and drawings

Box 8

Minute book, May 19, 1924 - Nov. 2, 1963

annual reports

old files (B.C. Packers Ltd., Canadian Fishing Co. Ltd.)

new files (Letsun & Burpee Ltd. (3 files)

R & S file (initial stand for Reliance and place supplied) The
file is a list of firms the companied supplied it services.

boxes 9 - 46

Repair orders, December 24, 1927 - Dec. 15, 1959

Scope and Contents

The records of this Vancouver firm include the minute book, May 19, 1924 - November 2, 1963; annual reports; list of R & S files in alphabetical order (R stands for Reliance and S for place supplied); working plans and drawings; two other files on Canadian Fishing Company and B.C. Packers; and repair orders, Dec. 24, 1927 - December 15, 1959 (90,000 repair orders).

The inventory is incomplete. Only a list of maps and a list of working plans and drawings, boxes 1-3, have been completed.

[Engineering plans]. -- Vancouver: Reliance Motor & Machine Works, Ltd., 1941-1964.

7 plans, ms.; scale varies; 70 x 94 cm. & smaller

The records of the Reliance Motor and Machine Works, Ltd., 395 Alexander Street, Vancouver, B. C., covering the period 1924 to 1963, were acquired from the Company in October 1980. Of the 67 linear feet, 7 feet are working plans and drawings, not included in this inventory, filed under the names of the companies for whom the work was done.

1. Vertical output reduction unit Canadian Fishing Co. Ltd. . -- Vancouver : Reliance Motor & Machine Works, Ltd., Oct. 2, 1941.
1 plan, pencil on tracing paper; scale: Half; 70 x 94 cm.
Drawing no. S.W.H. 1 . -- W.O. No. 5120-B -- ½ size . -- Very fragile, a number of tears, almost in 2 pieces.
2. Vertical output reduction unit Canadian Fishing Co. Ltd. . -- Vancouver : Reliance motor & Machine Works, Ltd., Oct. 14, 1941.
1 plan, pencil on tracing paper; not to scale; 42 x 41 cm.
Drawing no. S.W.H. 3/27.
3. Valve for aux. compr. standard gas engine, Canadian Fishing Co. Ltd. . -- Vancouver : Reliance Motor & Machine Works, Ltd., Nov. 22, 1943.
1 plan, pencil on tracing paper; scale: F.S.; 45 x 82 cm.
Drawing no. S. 724.
4. Bowl: DeLaval SVKR5 separator B. C. Packers Ltd. . -- Vancouver : Reliance Motor & Machine Works, Ltd., Dec. 15, 1943.
1 plan, pencil on tracing paper; scale: F.S.; 60 x 80 cm.
Drawing no. S. 725 . -- W.O. no. 10806-B
5. Bowl: DeLaval SVK-R5 separator . -- Vancouver : Reliance Motor & Machine Works, Ltd., 1949.
1 plan, pencil on tracing paper; scale: Full; 55 x 85 cm.
Drawing no. S-725A.
6. Cover & nuts: De Laval SVK-R5 separator . -- Vancouver : Reliance Motor & Machine Works, Ltd., 1964.
1 plan, pencil on tracing paper; scale: half; 46 x 36 cm.
Drawing no. S. 725B.
7. Parts: DeLaval SVKR5 separator, B. C. Packers Ltd. . -- Vancouver : Reliance Motor & Machine Works, Ltd., Dec. 16, 1943.
1 plan, pencil on tracing paper; scale: F.S.; 47 x 77.
Drawing no. S.726 . -- W.O. 10806-B.

THE UNIVERSITY OF BRITISH COLUMBIA
SPECIAL COLLECTIONS DIVISION

MACHINE PLANS OF THE RELIANCE MACHINE WORKS. VANCOUVER BRITISH COLUMBIA.

BOXES 1-3(FOLDERS 1-20)
PREPARED BY
DAVIN WEBER

ORGANIZATION OF BOXES 1-3 (FOLDERS 1-20) MACHINE PLANS OF THE RELIANCE MACHINE WORKS.

List the Box and Folder numbers and double underline each. Single underline each company name.

Assign each Folder a unique prefix and number each item consecutively beginning with the Folder prefix.

Find a title for each plan. If a set of drawings is covered by one work order number, there is usually a main title for the various parts.

EXAMPLE = Raising Bracket. Cross-had Bearings. Drag Saw Conn. rod. Pivot Bearing. For TX Drag Saw. W.O. 1134-A.

If no main title exists for a set of drawings name the parts only. If no title for a drawing is given, leave the entry blank; do not guess.

Each drawing or set of drawings usually has a work order number. If a drawing or set has more than one work order, list up to six of them. Do not guess work order numbers, if a work order is not given leave entry blank.

Remove all staples, pins and paper clips.

A.B.C. PACKING CO. LTD.

BOX 1 FOLDER

Aa.-Al 1	11363 11361-A 11362-A
Aa-Al 2 Chevie truck drives. Splined shaft & flange.	16726-A
Aa-Al 3	16473-A
Aa-Al 4 Fairbanks Morse 100 H.P.-4cyl. crank shaft M.V. fir leaf.	16333-A
Aa-Al 5 Seffle pistons	1318-B
Aa-Al 6 72T 5D.P. Ring gear drilling	791-B.

ANGLO-BRITISH COLUMBIA PACKIN G CO.

Aa-Al 7 Grinder face plate	18813-A
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ACADIA DOCK.

Aa-Al 8 Press on sprocket	465-B
---------------------------	-------

ACME STEEL.

Aa-Al 9	7064-A
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AERO TBR. PRODUCERS.

Aa-Al 10 for Regal 2cyl. engine	12620-B
Aa-Al 11 Mitre gear	11775-B

Mr. AGGASSIZ

MP. AGCASSIZ.

Aa-Al 12 Parts for clutch.

4740-A

ALASKA PINE AND CELLULOSE LIMITED

Aa-Al. 13

33243-C

Aa-Al. 14 Sleeves for preheater tubes boiler house.

24154-C

Aa-Al 15 Shifting gear for milling machine. Machine shop.

22973-C

Aa-Al 16 Mitre gear

18254-C

Aa-Al 17 Mitre gear for woodroom steam engine governor 23 teeth
9D.P.

17632-C

Aa-Al 18 Steel sprockets.

1732-A

ALBERN I ENGINEERING LTD.

Aa-Al 19 Bevel gear, bevel pinion.

30046-C

Aa-Al 20 2 1/4" "Radicon" worm red unit ratio 30-1.

21103-C

Aa-Al 21 Cut cast steel double split sprocket.

9744-A,

ALBERTA PHOENIX TUBE & PIPE LIMITED.

Aa-Al 22 Loading crane hoist drive.

37715-E

ALBERTA IRON WORKS.

Aa-Al 23 Celeron pinion

15045-A

ALERT BAY SHIPYARDS.

Aa-Al 24 Spiral gear.

4652-C

M.S. ALEUTIAN CHIEF.

Aa-Al 25 V belt sheave for "F" belt

ALICE LAKE LOGGING Co. LTD.

Aa-Al 26 Flexible coupling : internal gear half, cover plate, spur gear half.

12236-B

ALLARD ENGINEERING LTD.

Aa-Al 27

25980-C

ALLARD MACH. WKS. LTD.

Aa-Al 28 Helical gear.

7870-B

ALLARD MACHINE SH OP.

Aa-Al 29 Cast steel sprocket

1381-B

H.C. ALLEN

Aa-Al 30 Valve [various parts].

4787-A

ALLEN SEGAL LTD.

Aa-Al 31 Shaft for multiple dado machine.

3451-C

L. ALLISON 1133 BARCLAY ST., CITY.

Aa-Al 32 Carburetor manifold adapter.

19225-A

ALLISON LOGGING CO.

Aa-Al 33 Shaft, spacer, nut.

6554-B

Aa-Al 34 Spider: Clutch dog.

6555-B

7025-B

M.V. AMARYLLIS FOLDER 2.

AM-AZ 1 PUMP DRIVES: DOUBLE SPROCKET, 10519-B
SPLIT DOUBLE SPROCKET.

AMERICAN CAN CO. LTD.

AM-AZ 2 HELICAL GEAR 4691-B

E. ANDERSON SEY 5466

AM-AZ 3 CHAIN SPROCKET, EWART 19317-A
#25 CHAIN.

W.M. ANDERSON

AM-AZ 4 BENZ REVERSE GEAR. 1766-B

ANGLO CANADIAN SHIPPING
CO. LTD.

AM-AZ 5 SPLIT SPROCKET 6124-B

AM-AZ 6 SPROCKET 6125-B

[COMPANY NAME NOT AVAILABLE]

AM-AZ 7

1474-C

A. P. L. CO.

REVERSE BOX

18286-A

18287-A

18288-A

18289-A

18290-A

18291-A.

ARMOUR TOWING & SALVAGE
CO. PR. RUPERT

AM-AZ 8

LINER FOR WINTON ENGINE
MODEL 133

13571-A

MR. J. ARMSTRONG

AM-AZ 9

MINIATURE STEAM LOCO
TRAILING TRUCK FRAME

14066-A.

W. C. ARNETT. & CO. LTD

AM-AZ 10

NORTH WEST SHOVEL MAIN
DRIVE GEAR.

10029-A.

AM-AZ 11

SHAFT FORGING

15858-A.

ARROW TRANSFER & CARTAGE CO.

AM-AZ 12

OLDHAM COUPLING FLOATING
DISC.

16880-A.

C ARCTIC ICE CREAM DAIRY CO.

AM-AZ 14 SPLIT BEVEL GEAR 4637-B.

AM-AZ 15 HOMOGENIZER CHECK VALVE

AM-AZ 16 SPROCKET 4618-B

AM-AZ 17 SPROCKET 4617-B.

AM-AZ 18 SPROCKET PRONG BRACES 4587B.

C ASHCROFT WATER ELECTRIC & IMPROVEMENT
CO. ASHCROFT B.C.

AM-AZ 19 STEEL SPROCKET 13049-A.

ATLAS FLOUR MILLS.

AM-AZ 20 FLOOR TRUCK AXLE 14025.

AM-AZ 21 CAST TOOTH MITRE GEAR. 10974-A

ATLIN FISHERIES. PRINCE RUPERT

AM-AZ 22 PLATE FOR FISH HASHER 4999-C.

C ATTRIDGE & MILLER MACHINE WORKS, CALGARY

AM-AZ 23 BEVEL GEAR FOR HEILAND EXPLORATION 17201-B

AM-AZ 24 BEVEL GEAR

1376-B.

AUTO HOUSE

AM-AZ 25 ELEVATOR DRIVE

19451-C.

AM-AZ 26 WORM WHEEL

19451-C

AUTOMATIC EQUIPMENT & SERVICE CO.

AM-AZ 27

31912-C.

AIM STEEL PRODUCTS.

FOLDER 3.

AIM 1 ROCKER BARS

36121-C.

AIM 2 BEVEL GEAR AND PINION REEL DRIVE 3719-C

4118-C.

AIM 3 CRUSHER DRUM.

10734-C.

AIM 4 WORM SHAFT FOR 3 H.P. REDUCTION UNIT. 10378-C.

AIM 5 TURN TABLE

10379-C.

AIM 6 FRAME GIRDERS

10380-C

ANDERSON BROS. LBR. CO. LTD.

FOLDER 4.

AND. 1 CROSSHEAD PIN

39078-C.

- AND 2

3140 STEEL

31276-C
32306-C
34040-C
34209-C
- AND 3

SAW CARRIAGE HANGERS

1464-C.
- AND 4

MACHINING DIM. FOR SAW CARRIAGE FORGINGS 1464-C.
- AND 5

GANG SAW CRANK PIN.

26198-C.
- AND 6

SAW MANORIL
- AND 7

MAKE BRONZE BUSHING NUT FOR ABOVE SQUARE CUT THREAD.
- AND 8

DRAG SAW SPLIT EYE

13319-B.
- AND 9

RAISING BRACKET. CROSSHEAD BEARINGS. DRAG SAW CONN ROD. PIVOT BRG.

13319-B.
- AND 10

ROD

6715-B.
- AND 11

GEAR AND PINION FOR LOG CARRIAGE

15923-B.
- AND 12

BRACE CAP AND GLAND CAP

16253-B

AND 13	PRESSURE ROLL SHAFT	7589-B.
AND 14	PRESSURE ROLL	7589-B.
AND 15	RAM GLAND, RAM CAP, RAM STEADY, RAM ROD & WASHERS. RAM CYLINDER.	6715-B.
AND 16	CARRIAGE ROPE DRUM.	6151-B
AND 17	SWEDISH GANG SAW ANGLE IN NEW GUIDE.	
AND 18	BEVEL PINION	5697-B.
AND 19	SASH TUBES	
AND 20	BEAMS	1474-B
AND 21	GANG SAW BUNK.	3438-B.
AND 22		15922-B
AND 23	SAW CARRIAGE RACK SHAFT	3087-B.
AND 24	FOR LOG CARRIAGE	3087-B 15922-B
AND 25	PINION. GEAR.	2666-B
AND 26	1" C.P. WORM R.H.S.L. WORM WHEEL. TURN CLUSTER FOR	2864-B.

NEW WORM WHEEL.

BLOEDEL, STEWART & WELCH.

FOLDER 5.

BLO 1	MAIN BEAM AND TRUCK FRAME	
BLO 2		
BLO 3	YATES RESAW SPLINED SHAFT	7650-C 6286-B.
BLO 4	WESTERN GEAR-DOUBLE HELICAL DOUBLE RED UNIT	13358-C.
BLO 5	JACKSHAFT	9908-C.
BLO 6	SPROCKET FOR TWO SINGLE CHAINS.	9275-C.
BLO 7	WORM WHEEL	4576-B. 9270-C.
BLO 8	YATES RE-SAW FEED ROLL DRIVE SHAFT	8651-C.
BLO 9	ELECTRIC DOGS RACK	12767-B.
BLO 10	SPLINED FLANGE FOR FORD PINION	10914-B.
BLO 11	GEAR CASTING.	8350-C.

BLO 12	BEVEL PINION	7593-C.
BLO 13	NEW BOOM DONKEY PINION SPROCKET.	7016-C.
BLO 14	1ST 1 1/4 P TRIPLE SPROCKET	6597-C.
BLO 15	SPEEDER. TRANSMISSION DRIVE SHAFT.	5499-C.
BLO 16	CAST STEEL SPLIT SPROCKET FOR R.C. 140.	6340-C.
BLO 17	SPROCKETS AND SPROCKET HUBS.	4670-C.
BLO 18	1 SPROCKET HUB AND 2 SPROCKETS.	4669-C.
BLO 19	SPECIFICATIONS FOR CAST STEEL SPROCKETS	892-C
BLO 20	BRASS BUSHED SPROCKET	349-C
BLO 21	SPECIFICATIONS FOR SPROCKET	19878-B.
BLO 22	CAST STEEL SPROCKETS SPECS	19758-B 19759-B 19760-B. 19761-B.

- BLO 23 SPECIFICATIONS FOR SPROCKETS 12954-B
12955-B
12956-B.
- BLO 24 WORM WHEEL 19207-B
- BLO 25 10 TON CRANE
- BLO 26 10 TON CRANE MAIN BEAM
& TRUCK FRAME.
- BLO 27 BARKER RINGS.
- BLO 28 MACHINE ROOM PINION FOR
SADDLE OF McCABE LATHE.
- BLO 29 THRUST SEGMENTS 36" BARKER
- BLO 30 TRIPLE ROLLER CHAIN SPROCKET
- BLO 31 TRIPLE SPROCKET 116T. 18209-A.
TRIPLE SPROCKET 21T
V-BELT DRIVE
CHAIN DRIVE.
- BLO 32 ANGLES FOR KNIFE EDGE 18305-A.
PARTS. CURTS TURBINE No.
5064. GOVERNOR.

- BLO 33 CAMP "A" FRANKLIN RIVER SPEEDERS 18736-A.
- BLO 34 2 CUT STEEL GEARS. 19159-A.
- BLO 35 RAIL CAR REVERSE GEAR BOX JACK SHAFT TIMKEN 529-532 ADJUSTING NUT. 19769-A.
- BLO 36 SAW GRINDER DRIVE ARRANGEMENT AND PARTS 19946-A.
19945-A
- BLO 37 "MERCURY" STUB SHAFT 216-B.
- BLO 38 G.C.D. #11-COMPOUND DRIVE TWIN SPROCKET 254-B.
- BLO 39 HEAD SAW GRINDER BEVEL PINION 426-B.
- BLO 40 STEEL BACK GEAR FOR DRILL 601-B.
- BLO 41 GEAR FOR No. 100 BALDWIN CHAIN 1 1/4" PITCH 1668-B.
- BLO 42 MAIN LINE SHAFT 2780-B.
- BLO 43 SAW STRETCHER ROLL 311-B.

- BLO 44 GOVERNOR SPINDLE SPRING
PLUG & CAP. KNIFE EDGES. 5523-B
- BLO 45 38T 10 D.P. MITRE GEARS 19206-B.
- BLO 46 TOOL FOR PNEUMATIC GUN 15404-B
FOR DRIVING GANG SAW KEYS. 17739-B
- BLO 47 SPLINE SHAFT 17244-B.
- BLO 48 LINK BELT R.C. 50 STEEL 16550-B.
SPROCKETS
- BLO 50 SPROCKET 11T 1 1/2" P. 13871-B.
- BLO 51 STEEL CUT GEAR 13814-B.
- BLO 52 ROSS CARRIER SPROCKET 13434-B
#9738, #9735-F.
- BLO 53 #5 SPEEDER DRIVE SPROCKET, 13149-B.
SPLIT SPROCKET.
- BLO 54 YATES RE-SAW MITRE GEARS. 12753-B
- BLO 55 A-C TURBINE GOV^R HELICAL GEAR 12459-B
- BLO 56 A-C TURBINE GOV^R DRIVE. 12242-B.

- BLO 57 BEVEL GEARS 11430-B
- BLO 58 STRAIN BAR FOR YATES RESAW 8174-B.
#V841
- BLO 59 STEEL SPROCKETS FOR R.C.
CHAIN #151 YATES #A.E 2004
#91 YATES.
- BLO 60 #6 SPEEDER SPLIT SPROCKET 9786-B.
- BLO 61 GEAR.
- BLO 62 CIRCULATING WATER PUMP 5909-B.
CRANKPIN ON CUT STEEL GEAR.
END VIEW.
- BLO 63 TWO CHAIN SPROCKET DETAIL. 5012-B.
- BLO 64 QUAD SPROCKET 24T $3\frac{1}{4}$ " P. 5785-B.
FOR R.C.F. 60 CHAIN.
- BLO 65 2 CHAIN SPROCKET 5588-B.
- BLO 66 STETSON-ROSS SIDEHEAD 5073-B.
SHIFT-TIMBER SIZER.

J.J. BAILEY.FOLDER. 6

BA-BN1 PINION

5630-B.

P. BAIN LBR. MILLS LTD
WHONNOCK B.C.

3a-Bm 2. PINION. GEAR 13663-B.

BARBER-ELLIS

3a-Bm 3 LATHE CARRIAGE KEEP

3a-Bm 4 2 SCREWS 11640-A.

BARRETT CO. LTD.

3a-Bm 5 SIS ROOFING DEVICE 11413-C.

EARL BATES. BOX 526. VAN.

3a-Bm 6 POWER TAKE-OFF M.S. EARL- 8219-C.
 RCY.

B. & D. LOGGING CO.

3a-Bm 6 HUSKEY TRANSMISSION

F. J. BEAGLE.

3a-Bm 7 EX. FLANGE FRISCO STD 15244-A.
 ENGINE

STANLEY BEALE. TEXADA ISLAND

3a-Bm 8 4 BRACE BARS FOR POWER 7198-C.
 SHOVEL. 2 PINS FOR SAME.

18.
A-Bin 9 45 H.P. RUSTON HELICAL GEAR 3965-E.
L.H.

Ba-Bin 10 45 H.P. RUSTON HELICAL GEAR 3964-E.
R.H.

Ba-Bin 11 45 H.P. RUSTON SIZE 7 CLASS 3965-E
H.C. SERIAL 142931. SPIRAL GEAR
14T. 5 D.P.

BENNETTS LIMITED - NELSON B.C.

Ba-Bin 12 TIMING GEARS

(
BENNET & EMMETT (EQUIPMENT) LTD. - CALGARY.

Ba-Bin 13 STEEL WORM. WORM WHEEL 8261-C.
30575-C.

BENNETT AND WHITE CONST. CO. LTD.

Ba-Bin. 14 8905-B.

Ba-Bin 15 MIXER DRIVE IDLER GEAR. 8916-B.
16T. 4. D.P.

Ba-Bin 16 MIXER DRIVE IDLER STUD 8905-B.

BENSON'S SHIPYARD

Ba-Bm17 PACKING GLAND. PACKING GLAND BUSHING 18164-A

BERGER ENGINEERING WORKS.

Ka-Bm18. RE-BORING GEAR BOX 3235-B.

BINGHAM & HOBBS EQUIP. CO.

Ba-Bm19 P. & H. SHOVEL #205 MITRE GEAR. 5491-C.

BLAIN BOILER WORKS.

Ba-Bm20 SPROCKET 12T 3HP. SINGLE 18880-C.

R. M. BLAIR.

Ba-Bm21 GRINDING STONE.

BODEN PRESSFOLDER 7 BOX 2

Ba-Bm1 BEVEL PINION 6621-B.

BLUENING AIRCRAFT OF CANADA LTD. VANCOUVER

Ba-Bm2 125 FOOT DIESEL YACHT SHAFTING

Bc-Bn 3 SEAL RING.

Bc-Bn 4 PBY FLYING BOAT
MITRE GEAR. 7827-B.

Bc-Bn 5 ANGULAR MITRE GEAR. 6456-B

BOOTH LOGGING

Bc-Bn 6 V-BELT SLACK ADJUSTER 29244-C.

BORLAND ICE CREAM CO. LTD.

Bc-Bn 7 ICE CREAM FILLER. 11084-A
14245-A.

Bc-Bn 8 5 GROOVE PULLEY FOR
GILMER BELTS 11603-A.

Bc-Bn 9 SAKE DIPPER MITRE GEAR. 9793-A.

Bc-Bn 10 WORM & WORM WHEEL 35:1 & 70:1 - DRIVES FOR CHEESE
MACHINES. 6998-A.

J. BERWICK.

Bc-Bn 11 PURSE LINE CONNECTOR. 15756-A.

BOTTLED GAS LTD.

C-Bn 12 GAS BOTTLE ADAPTER.

BOUNDARY FALLS LUMBER CO. LTD.
GREENWOOD B.C.

Bo-Bn 13 CAST IRON GEARS. 15599-C.

BEYD PRINTING CO.

Bo-Bn 14 MOULDING FRAME 16120-A.
FURNITURE

BRALORNE MINES

C
Bo-Bn 15 WORM 1" C.P. R.H.S.L. 26377-C.

Bo-Bn 16 WORM WHEEL 162T 1" C.P. 17802-A.

M.S. BRITAMERICAN

Bo-Bn 17 V-BELT PULLEY 28362-C.

Bo-Bn 18 BOTTOM OF CONTAINER, TOP
RING, & COVER.

BRITANNIA M.S. & P. CO. LD.

C
Bo-Bn 19 DOUBLE SPROCKET 33T 3/8" P. 16564-A.

BRITANNIA MINING & SMELTING CO. LTD.

Bo-Bn 20 SPROCKET 13460A.

BRITISH YUKON NAV. CO. LTD.

Bo-Bn 21 SHAFT 9668-B.

Bo-Bn 22 HELICAL PINION 9668-B.

Bo-Bn 23 SHAFT FOR RUSTON-LISTER D. 9318-B
ENG. 9328-B.

Bo-Bn 24 BEVEL GEAR & PINION 9316-B.

Bo-Bn 25 HELICAL GEAR 22T 8 D.P. 9327-B.

Bo-Bn 26 HELICAL PINION 17T 8 D.P. 9327-B.
FOR RUSTON - LISTER ENG.

Bo-Bn 27 CHANGE OVER VALVE FOR 9318-B.
RUSTON - LISTER ENG

C.W. BROCKLEY & CO.

Bo-Bn 28 SPROCKET 15347-A.

Bo-Bn 29 SPUR GEAR. 18T. $\frac{3}{4}$ PITCH. 16285-A.
(FELLOWS STUB.

B Bn 29 SPUR PINION 12T 3/4 PITCH 16285-A.
 (FELLOWS STUB) IDENTIFICATION
 MARK 1M133

BROWN FRASER & CO. LTD.

Bo-Bn 30 64 1/2 MARCEY BALL MILL 12260-A.
 PINION SHAFT

Bo-Bn 31 SHAFT 14954-A.
 5391-A.

Bo-Bn 32 CLUTCH DRUM. 13386-A.
 CENTRIFUGAL CLUTCH SPIDER

J. A. BROWNS MILL LTD. PRINCE RUPERT

Bo-Bn 33 MITRE GEARS 18051-B.

BUCKERFIELDS LTD

FOLDER 8

Bn-B31 SPROCKET 103T 1" P FOR 2-STRANDS 6450C
 QUAD R.C. - F80 ROLLER - 5/8 DIA. X
 5/8 WIDE

Bn-B32 CORNFLAKER GEAR. 15169-A.

J. E. BURKE

Bn-B33 PENTA-HAG CLUTCH PINION. 1908-B.

24.

B.-B34 (PENTA HAWK CLUTCH) CRANK 1909-B.
SHAFT GEAR. CAST STEEL INTERNAL
GEAR.

BURNS & JACKSON LOGGING CO. LTD. SEE PAGES 25
WILSON CREEK B.C.

Bn-B35 2886-C.

Bn-B36 15710-B.

LLOYD C. BURNS

B.-B37 BLACK HAWK. ACUTE ANGLE 13917-A.
MITRE GEAR.

BURNS & CO. LTD.

Bn-B38 SWIVEL BRACKET FOR 13110-A.
CARCASE SPLITTER. SHEAVE
ITEM NO. 4. SWIVEL ARM ITEM
NO. 3. SWIVEL ARM ITEM NO. 3A.
DUST WASHER (LOWER) ITEM NO. 10.
DUST WASHER (UPPER) ITEM NO. 9.
COLLAR ITEM NO. 7.
AXLE PINS FOR SHEAVES ITEM NO. 5.
BEARING HOUSING ITEM NO. 1.
2" EXTRA HEAVY BLACK PIPE ITEM
NO. 6A.
2" EXTRA HEAVY BLACK PIPE ITEM NO. 6A.

A-B₃ 9 SILENT CHAIN SPROCKET 13273-A.

BURNS & JACKSON LOGGING CO. WILSON CREEK B.C.

B_n-B₃ 10 RENOLDS 56T 1" PITCH TRIPLE 12137-A.

B_n-B₃ 11 RENOLDS 42T 1" PITCH TRIPLE. - 12530-A.
MACHINING ON FLANGE.

B_n-B₃ 12 RENOLDS 25T. 1" PITCH TRIPLE 12645-A.

B_n-B₃ 13 RENOLDS 33T 1" PITCH TRIPLE 12778-A.

(BURRARD IRON WORKS. LTD

B_n-B₃ 14 WORM SHAFT DETAILS 18748-A

B_n-B₃ 15 19032-C.

B_n-B₃ 16 16T 4 D.P. MITRES 9615-B

B_n-B₃ 17 WORM WHEEL-(RING) 4721-B.
WORM SHAFT.

B_n-B₃ 18 WORM SHAFT 2127-B.
WORM WHEEL 38T. 5/8" C.P.

B_n-B₃ 19 WORM SHAFT 17902-A.
WORM WHEEL 48T 3/4" C.P.

26.

C-B3 20 BEVEL GEAR & PINION 13068-A.

CAPT. BURROUGHS.

Bn-B3 21 CLUTCH LEVER M.V. PACINCO 14519A

B & Z OPERATING CO LTD

Bn-B3 22 COVER PLATE 9900-B.

Bn-B3 23 SEAL PLATE. SHAFT. 9900-B.

Bn-B3 24 3 STRAND SPROCKET 3/4" P. 9900-B.
TRIPLE RENOLD

Bn-B3 25 PUMP SHAFT 9858-B.

BARTRAM PAPER PRODUCTS FOLDER 9.

Bar 1 24433-C
26092-C.

Bar 2 CLUTCH SHIFTERS 17361-C.

Bar 3 SIMPLEX POLYTHENE MACHINE 11561-C.

B 24 PLATE CYLINDER - SHAFT 8777-C.

Bar 5 PLATE CYLINDER. 8434-C.

Bar 6	16" GARMENT MACHINE	6065-C.
Bar 7		6331-C.
Bar 8	BRACKET. WORM WHEEL SHAFT. WORM WHEEL. WORM. DRIVE ROLL & SHAFT.	12095-B
Bar 9	GEAR 35T. 8 D.P. . GEAR 28T. 8 D.P.	
Bar 10	ANILINE PRESS ROLL.	11318-B.
Bar 11		8599-B.
Bar 12	ANILINE PRESS ROLL	7821-B.
Bar 13	RE BORE	6582-B.
Bar 14	GEAR 172T - 10 D.P.	6387-B.
Bar 15	PINION 17 T - 8 D.P. GEAR 57T - 10 D.P.	5927-B.
Bar 16	L-37 MACHINE GEAR. ANILINE PRESS CYL. DRIVE GEAR. 115T. 10 D.P.	5561-B.
Bar 17	ANILINE PRESS GEAR 21T 10 D.P. PRESS ROLL	4697-B.

Bar 18	GEAR SIZE FOR NEW PTS PRESS CYLINDER DRIVE	2993-B.
Bar 19	ROLL DRIVE SLEEVE SCREW	2895-B.
Bar 20	ANILINE PRESS ROLL	1335-B.
Bar 21	ANILINE PRESS GEAR 30T 10 D.P.	1254-B.
Bar 22	ANILINE PRESS ROLL. GEAR 31T. 10 D.P.	1013-B.
Bar 23	ANILINE PRESS ROLL	302-B.
Bar 24	ANILINE PRESS GEAR 45T. 10 D.P.	19378-A.
Bar 25	SPUR GEAR 52T 10 D.P.	17257-A.
Bar 26	SPUR GEAR 52T 10 D.P.	17258-A.
Bar 27	GEAR 26T 10 D.P.	9777-A.
Bar 28	CAST IRON CYLINDERS	15636-A.
Bar 29	GEARS FOR ANILINE PRESS	9603-A.
Bar 30	ANILINE PRESS ROLL.	1254-B.
Bar 31	CAST IRON PLATE ROLLS	9610-A.

Bar 32 CAST IRON GEARS FOR BAG 9611-A.
MACHINES.

Bar 33 GEARS FOR ANILINE PRESS 9603-A.

Bar 34 10595-A.

Bar 35 9390-A. 9391-A.

9392-A

Bar 36 8176-A

8175-A.

B & K. LOGGING CO. LTD.

FOLDER 10

B & K 1 TWIN ENGINE DRIVE 65 SHEETS.
(AND SPROCKET CHANGES)

B & K 2 DRIVING SPROCKET 12327-A.

B & K 3 COUPLING-EXTENSION 12326-A.
SHAFT.

B & K 4 SHOP DRAWING OF FRAME
CONTINENTAL S-4.

B & K 5 7783-A.

CANADIAN-BEMIS BAG CO. FOLDER II

- B&B 1 DOUBLE HELICAL GEAR FOR TUBER 3291-C
104T 6 D.P. GEAR & PINION FOR
TUBER
- B&B 2 PILLOW BLOCK 27-C.
- B&B 3 SPUR GEAR 42T 6 D.P. 19623-B.
SPUR GEAR 17T 6 D.P.
SPUR GEAR 23T 6 D.P.
- B&B 4 POTDEVIN BOTTOMER LOWER SCORE
ROLL
- B&B 5 ROLL 8" BLACK PIPE.
- B&B 6 GUIDES C.I. TO RUN ON 4445-B.
"GUIDE SHAFT". MALE FLANGE.
FEMALE FLANGE.
- B&B 7 END PLUG. CAST IRON BRAKE 4444-B.
DRUM.
- B&B 8 SHAFT 2&3. GUIDE SHAFT. 4443-B.
SHAFT 1.
- B&B 9 ANVIL ROLL DETAILS 1005-B.

B 3 10 TURN DOWN PRESENT SCORE ROLL. 4351-B.
GEAR 19T 8 D.P.

B & B 11 UPPER SCORE ROLL FOR POTDEVIN 4104-B.
BOTTOMER

B & B 12 BRASS PASTE SPREADER PLATES 4032-B.

B & B 13 ANVIL ROLL DETAILS 1005-B.

B & B 14 GAUGING PLATE FOR ____-PLATES
AND CYLINDERS.

BONAR & BEMIS P.K. MACHINE NO. 1 FOLDER 12

79 SHEETS IN FOLDER.

BONAR & BEMIS P.K. MACHINE NO. 2 FOLDER 13.

75 SHEETS IN FOLDER.

B.C. ELECTRIC RAILWAY CO. LTD FOLDER 14

B.C. 1 WORM WHEEL 60T 3/4 C.P. 11394-C.
WORM & SHAFT.

B.C. 2 SCRUBBER DRIVE. WORM. WORM 7853-C.
WHEEL.

- B.C. 3 WORM FOR OIL PUMP ON BLOWER 180-C.
GAS DEPT.
- B.C. 4 ADAPTOR FOR SUNDERLAND CUTTER 19970-B
BOX USED WITH 30° HELIX L CUTTER
3 1/2 D.P. ON B.C. ELECTRIC GEARS.
19T 4 D.P. 7°-30° HELIX
- B.C. 5 WORM WHEEL 28T 1/2 C.P. 19960-B.
- B.C. 6 4-JAW CLUTCH. MAXEL 2-B. 18685-B.
- B.C. 7 SKETCH SHOWING HOLE PATTERN 16670-B.
ON BRZ CLUTCH STRAPS. BARBER
GREEN CONVR.
- B.C. 8 15871-B.
- B.C. 9 CONVEYOR GEAR BOX. BEVEL PINION 1525-B.
16T. 5 D.P. NUTTALL
- B.C. 10 CRANE AXLE 14730-B.
- B.C. 11 DRILL PRESS. BEVEL GEAR & 12696-B.
PINION
- B.C. 12 COKE SCREEN SHAKER SHAFT. 12609-B.
CARRALL ST. GAS PLANT

- B.C. 13 SCREW BLANK 6324-B.
- B.C. 14 LAWN TENNIS CLUB SHAFT 5839-B.
- B.C. 15 STARTER GENERATOR WORM WHEEL 5475-B.
KITSILANO SHOPS.
- B.C. 16 ELEVATOR BRACKET EYE BOLT 5370-B.
GAS WORKS.
- B.C. 17 2 C. STEEL SHEAVE AS SAMPLE 3065-B.
- B.C. 18 BRASS BEARING TOP HALF AND
BOTTOM HALF. GAS WORKS.
- B.C. 19 DETAILS OF OIL GROOVES IN TOP HALF
OF BEARING. GAS WORKS.
- B.C. 20 TRAVEL BRASS 5291-B.
- B.C. 21 CONVEYOR BEARING BRACKET 3029-B.
GAS. WORKS.
- B.C. 22 CLUSTER SPROCKET 2969-B.
- B.C. 23 BARBER-GREEN CONVEYOR 592-B.
REDUCER WORM WHEEL 21T.
1" C.P.
- B.C. 24 CLUTCH HUB. GAS WORKS

KEEFER ST. COKE CRANE

19282-6

B.C. 25 BABBITT BEARING DIMENSIONS 19210-A
BOTTOM HALF TOP HALF

B.C. 26. _____ FOR GAS WORKS 18669-A.

B.C. 27 WET GAS PUMP CROSS-HEAD 18333-A
GAS WORKS.

B.C. 28 WATER PUMP PISTON ROD 18121-A.

B.C. 29 11069-A.

B.C. 30. STEEL FRICTION PAWL 16596-A
CENTRIFUGAL PUMP SPINDLE
GAS WORKS.

B.C. 31 IMPELLER SHAFT 15326-A.

B.C. 32. GEAR 82T 4 D.P. GAS WORKS 14771-A.

B.C. 33 CAST STEEL GEAR BLANK 96T 14590-A.
4 D.P.

B.C. 34 BEVEL GEAR. 32T - 5/7 STUB. 14373-A.

B.C. 35 [GEAR PATTERN]

- B.C. 36 BEVEL PINION 16T. $5/7$ STUB. 14037-A.
14373-A.
- B.C. 37 BEVEL PINION 16T $5/7$ STUB. 14373-A.
- B.C. 38 RING OILER. GAS WORKS. 14318-A.
- B.C. 39 BEARING LEAF. 14104-A.
- B.C. 40 BEVEL PINION 16T - $5/7$ STUB. 14037-A.
- B.C. 41 BEVEL GEAR 32T - $5/7$ STUB. 14037A.
- B.C. 42 WHEEL. GAS WORKS. FLANGED
WHEEL. 13454-A.
- B.C. 43 FLEXIBLE COUPLING 20T $3/4$ " P. 13136-A.
- B.C. 44. COUPLING 11248-A.
- B.C. 45 COKE CRANE SWINGING GEAR
VENT SHAFT 9271-A.
- B.C. 46. COKE CRANE CLUTCH PLATE
GAS WORKS.
- B.C. 47. ALTERNATOR BEARINGS.
- B.C. 48 FRAME FOR OUTBOARD BEARING
EXHAUSTER 1621-C.

36.

E.C. 49 FILLERS. CAST IRONS. 1455-C.

B.C. 50 EXHAUSTER FRAME FOR OUT BD. 18912-B.
PEDESTAL

BRITISH COLUMBIA FOREST PRODUCTS FOLDER 15.

F.P. 1 WORM WHEEL 45T $5\frac{1}{8}$ " C.P. 40274-C.

F.P. 2 GEAR. B-674 2378-D 2885-1
3789-D.

F.P. 3 LOG HAUL MOTOR PINION AND SHAFT.

F.P. 4 WORM WHEEL 45T $5\frac{1}{8}$ " C.P. 10955-B.

F.P. 5 GUNSHOT VALVE PLUG 49737-C.

F.P. 6 GUNSHOT VALVE 2330-D
2774-D.

F.P. 7 TEMPLATE OF STUB TOOTH

F.P. 8 SPROCKET 94T $1\frac{1}{4}$ " P FOR TRIPLE 1803-C.
RC-E100 ROLLER. SPROCKET 16T
 $1\frac{1}{4}$ " P.

F.P. 9. GUIDE BUSHINGS FOR RE-SAW 5703-C.
ROLLS. SPLIT RETAINING RINGS
FOR FELT SEALS. COLLARS FOR RE-SAW
GUIDE SHAFT.

- F.C. 10 [SKETCH] 15T 1" P.
- F.P. 11 5 STRAND SPROCKET 106 TEETH 2722-C.
1" P. $5/8 \times 5/8$ ROLLER
- F.P. 12 MITRE GEAR 22T 2 D.P. NUTTALL 312-C.
- F.P. 13 SINGLE HELICAL GEAR 31T 6-8 D.P. 6434-C.
- F.P. 14 ANGULAR BEVEL GEAR 24T 12 D.P. 9329-C.
- F.P. 15 "SUNDERLAND" DOUBLE HELICAL 9614-C
PINION 36T 4 D.P. No. 2 CRANE
HOIST. 76T 4 D.P. GEAR [FOR SAME]
- F.P. 16 "A" MILL HEADRIG SAWHOIST WORM 9996-C
WHEEL 30T 1" C.P. WORM GEAR.
- F.P. 17 AMERICAN LATHE GEAR TRAIN. SPUR 11944-C.
GEAR 32T 12 D.P. AND SPUR GEAR 56T
12 D.P.
- F.P. 18 GREEN VENEER PLANT COMPRESSOR 12505-C.
DRIVE. SHEAVE 7-GROOVES SEC "E"
V-BELT
- F.C. 19 MALAHAT LOGGING CO. LTD. P&H. 6698-B.
SHOVEL. SPUR PINION 12T $1\frac{1}{2}$ D.P.

- F. 20 GRINDER-FILING ROOM BEVEL GEAR. 15928-C.
77T 5 D.P. BEVEL PINION 1ST 5 D.P.
- F.P. 21 BEVEL GEAR 21T $1\frac{1}{2}$ D.P. NUTTALL. 18276-A.
BEVEL GEAR 26T $1\frac{1}{2}$ D.P. NUTTALL.
- F.P. 22 SPROCKET FOR 2 STRANDS OF TRIPLE 12388-C.
R.C. 25T $1\frac{1}{4}$ P. SPROCKET FOR SAME
63T $1\frac{1}{4}$ P.
- F.P. 23 SPECIAL STAGGERED TOOTH 14T 6 28933-C.
D.P.
- F. 24 WORM WHEEL 48T $\frac{1}{2}$ " C.P. RUNS
WITH R.H. SINGLE LEAD WORM AT
4-828 CENTERS.
- F.P. 25 YOUNG WORM WHEEL 45T $\frac{5}{8}$ " C.P.
TO RUN WITH $3\frac{1}{2}$ " O.D. S-L-R-H. WORM
@ 6" CENTRES.
- F.P. 26 REAR AXLE PIVOT CASE AND SHAFT 44574-C.
- F.P. 27 TLG VERTICAL SWING SHAFT 45118-C
- F.P. 28 [SHAFT] 45693-C
- F.P. 29 19T 2" P SPKT SPLINE BORE 1242-D.
41T 16-32 FLAT ROOT

F.P. 30 YATES RESAW V.841 SPLINED 19850-C.
SHAFT

F.P. 31 1104-C.

F.P. 32 WORM $\frac{1}{2}$ C.P. RIGHT HAND SINGLE 18039-A.
LEAD. RUNS WITH 48T WHEEL

BRITISH COLUMBIA PULP AND PAPER LTD. FOLDER 16.
BOX 3

P.P. 1 M.S. FABRICATED SPROCKET BLANK 4894-C.
FOR 122T $\frac{3}{4}$ P TRIPLE SPROCKETT

P.P. 2 FLY WHEEL CHANGE — — — — . 1513-C.

P.P. 3 GEAR 1 OFF CAST IRON 73 TEETH $1\frac{1}{4}$ " C.P. 14198-B.
RUNS WITH 14 TOOTH PINION

P.P. 4 BILL FOR 52T $\frac{1}{4}$ " C.P. BRG. WORM WHEEL
FOR CINO LATHE

P.P. 5 BEVEL GEARS FOR CHERRY-PICKER. WOODS 13230-B.
DEPARTMENT

P.P. 6 SPLIT SPROCKET 26T $1\frac{1}{4}$ " P. 7121-B.

P.P. 7 PINION - 21T FOR $\frac{3}{4}$ " P X $2\frac{1}{2}$ " W L.B. 6736-B.
SILENT CHAIN. GEAR - 70T FOR SAME.

P. 8 14 TOOTH $-1\frac{1}{2}$ D.P. RUNS WITH 80T 9073-F
GEAR. 1262-B.

P.P. 9 [SPRING] 15618-A.

P.P. 10 [SHAFT A, B,

P.P. 11 CHANGE GEARS REQUIRED FOR 9729-A
LATHES. MACHINE SHOP, PORT ALICE
B.C.

P.P. 12 SLAB BARKER 6420-A.

B TISH ROPES CAN. FACT. LTD. VAN. B.C. FOLDER 17

B.R. 1 DETAILS OF SHAFTS ETC. FOR $3/4$ "-1"
TANGENTIAL ROLLER HEAD.

BR. 2 DETAILS OF DISCS AND WORM GOR8 22565C
ROLL $3/4$ " TO 1" TANGENTIAL ROLLER
HEAD. DETAILS OF SHAFT ETC. FOR SAME.
ASSEMBLY OF SAME. ROLLER & STUD.

B.R. 3 QUILLS

BR. 4. DETAILS OF QUILL HEADS FOR $1/2$ "
TO $1\frac{5}{8}$ " LANG LAY.

ERRARD DRY DOCK CO. LTD. FOLDER 18

- B.D. 1 WORM WHEEL 40T $3/4$ " C.P. 10593-B.
- B.D. 2 MITRE GEAR. 27T 3D.P. 8036-B.
- B.D. 3 CRANE DRIVE ADJUSTING SCREW, 7477-B
SPECIAL NUT & LOCK NUT. BRAKE BAND
BOLT LUG. BRAKE PIN
- B.D. 4. CRANE DRIVE - DRIVEN SPROCKET. 7480-B.
31T - $1\frac{3}{4}$ " P. IDLE SPROCKET
14T - $1\frac{3}{4}$ " P. DRIVE SPROCKET 14T - $1\frac{3}{4}$ " P
- B.D. 5 CRANE DRIVE GEAR 35T $2\frac{1}{2}$ " D.P. 7481-B.
- B.D. 6 CRANE DRIVE. LOW SPEED SHAFT 7479-B.
EXTENSION
- B.D. 7 CRANE DRIVE COUPLING BRAKE HALF. 7478-B.
COUPLING PIN. COUPLING - PLAIN HALF.
COUPLING - BUSHING & WASHER.
- B.D. 8 [shows] NO. 3 MORSE TAPER 5860-B.
- B.D. 9 DRILL SOCKET EXTENSION 18"
- B.D. 10 WORM WHEEL 80T $3/4$ " C.P. RUNS WITH 3395-B.
3" O.D. R.H. S.L. WORM. CAST IRON.
WORM GEAR.

- B.D. 11 MACHINE RUDDER BEARING 3001-B.
- B.D. 12 SEARCH LIGHT DIRECTOR
- B.D. 13 BEVEL PINION 20T 8 D.P. RUNS 1725 B.
WITH 100T GEAR.
- B.D. 14 SPROCKET 26T $\frac{1}{2}$ " P FOR RENOLD
CYCLE CH. .305" ϕ X $\frac{1}{4}$ " W ROLLER
- B.D. 15 HOB $2\frac{1}{4}$ " C.P. R.H. S.L. 10 FLUTES 1600-B.
SPLIT WORM WHEEL 56T $2\frac{1}{4}$ " C.P.
- B.D. 16 WORM SPINDLE $1\frac{1}{4}$ " C.P. R.H. S.L. 1601-B.
HELIX $L 5^{\circ} 25'$. HOB $1\frac{1}{4}$ " C.P. RHSL.
WORM WHEEL C.I. 32T $1\frac{1}{4}$ " C.P.
- B.D. 17 C.I. WORM WHEEL 42T- $1\frac{3}{4}$ " C.P. 1602-B.
BRZ. BUSHED. WORM $1\frac{3}{4}$ " C.P.
R.H. S.L. HOB $1\frac{3}{4}$ " C.P. R.H. S.L.
11 FLUTES
- B.D. 18
- B.D. 19 STEEL COUPLINGS BUSH 2290-B
- B.D. 20 ROLLER CHAIN WHEELS. WHEELS AND
CHAIN FOR TURNING GEAR DRIVE.

B.O.21 A/S PATROL VESSELS WHALER TYPE
TURNING GEAR.

B.O.22 A/S PATROL VESSELS WHALER TYPE
REVERSING ENGINE.

BROWN BROTHERS BAKERIES LTD. FOLDER 19

BRO.1 HELICAL PINION SHAFT 2825-B.

BRO.2 2826-B

BRO.3 PINION SHAFT BUSHING 2825-B.
PINION SHAFT

BRO.4 ARTOFEX KNEADER OUTPUT SHAFTS 2826-B.
HELICAL GEAR CAST NICKLE IRON

BULMAN BROS. B.C. LITHO. & PRINTING LTD. FOLDER 20

BUL 1 8168-C.

BUL 2 BEVEL PINION 1ST 10-D.P. 6726-C.
BEVEL GEAR 30T 10-D.P.

BUL 3. BEVEL PINION SHAFT 6727-C.
ALTER HUB OF EXISTG SPUR GEAR
AS SHOWN. ALTERATION TO CAMSHAFT
BEVEL GEAR GUARD. BEVEL PINION
BRACKET. BEVEL PINION BRACKET (LOWER)

BUL 4 STEADY BEARING. IDLER GEAR
SHAFT. SPLIT COLLAR.

BUL 4 MITRE GEAR. 28T 4 O.P. 6751-B.

BUL 5 SPRAY GUN POST 6265-B

BUL 6 VARNISHED PINION 19T 4M. 3172-B.

BUL 7 FINGER. FINGER HOLDERS 2664-B.

BUL 8 WASHING TROUGH BLOCK. 1799-B.
#4 PRESS WASHING TROUGH
ADJUSTING SCREW. CLAMP.

BUL 9 BRONZING MACHINE CHANGE 8657.
GEAR 84T 3M.

BUL 10 VARNISHER ROLL BEARING 8956-A.

BUL 11 6905-A.

BUL 12 8985-A.

BUL 13 GRAINER. GRAINER 8985-A.

FRAMES PLATE. GRAINER NUT.
GRAINER PRESSURE BAR. GRAINER
BEARING. GRAINER ECCENTRIC PIN
GRAINER COVER PLATE. GRAINER
NMJ40 WASHER. GRAINER ECCENTRIC.

GRAINER BEARING. GRAINER BEARING
PLATE. GRAINER WASHER.