

CASTLE BUILDER (a)

Canada

TYPE	Mechanical Engineering
HOLE DIAMETER 4.2 mm (0.1678 ins.)	HOLE SPACING 12.7 mm(0.5 ins.)
SETS IN SYSTEM	Total of 14: Basic 0.1.2.3.4.5.6.7. Access.0A.1A.2A.3A.4A.5A.6A.
DIFFERENT PARTS	55
COLOUR	Possibly Nickel Plated
FIXING METHOD	Nut and bolts 250 in No. 7 Set (5-40)
MOTORS	1 Electric
PERIOD	1917 to 1918
MANUFACTURER	The Castle Manufacturing Co., Toronto, Canada.
COMMENTS	Similar to Meccano of the 1920s with a few variations, notably the hole spacing on Tapered Flanged Plate and the unusual No 29 Hanger strip. A useful system with good range of gears etc.. This system had many parts very similar to AMERICAN MODEL BUILDER. In 1919 a significantly different system was launched under the same name with many parts similar to STRUCTO.
OTHER SYSTEMS NEWSLETTER	6/137, 16/458, 17/491
MATERIAL SUPPLIED BY	Norm LaCroix

TRADE MARK REGISTERED

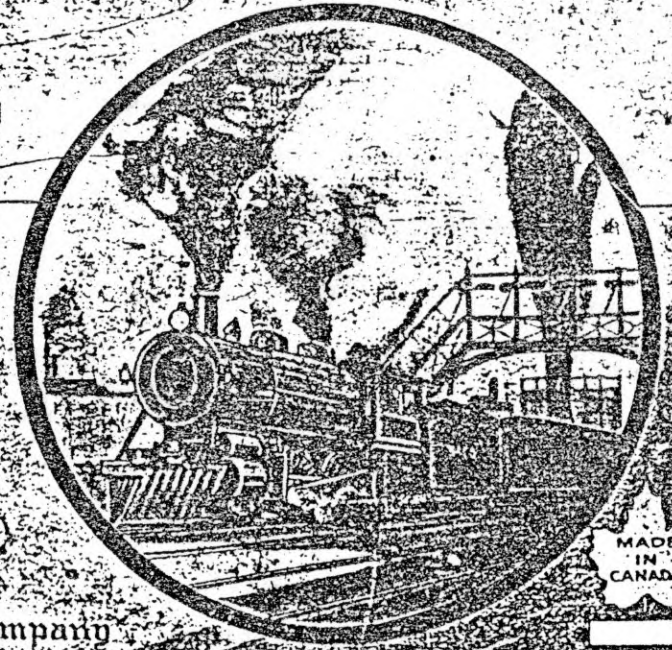
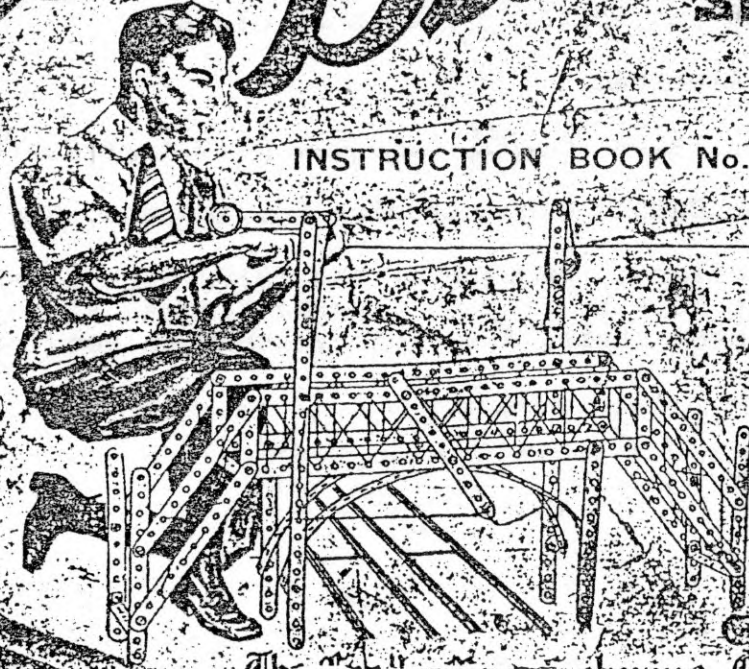
MECHANICAL  
ENGINEERING  
FOR BOYS

INSTRUCTIVE  
PRACTICAL  
DURABLE

# Castle Builder

STRUCTURAL  
STEEL CONSTRUCTOR

INSTRUCTION BOOK No. 1



CASTLE TOYS OF QUALITY

Manufacturing Company

MADE  
IN  
CANADA

CANADIAN TOYS FOR CANADIAN BOYS

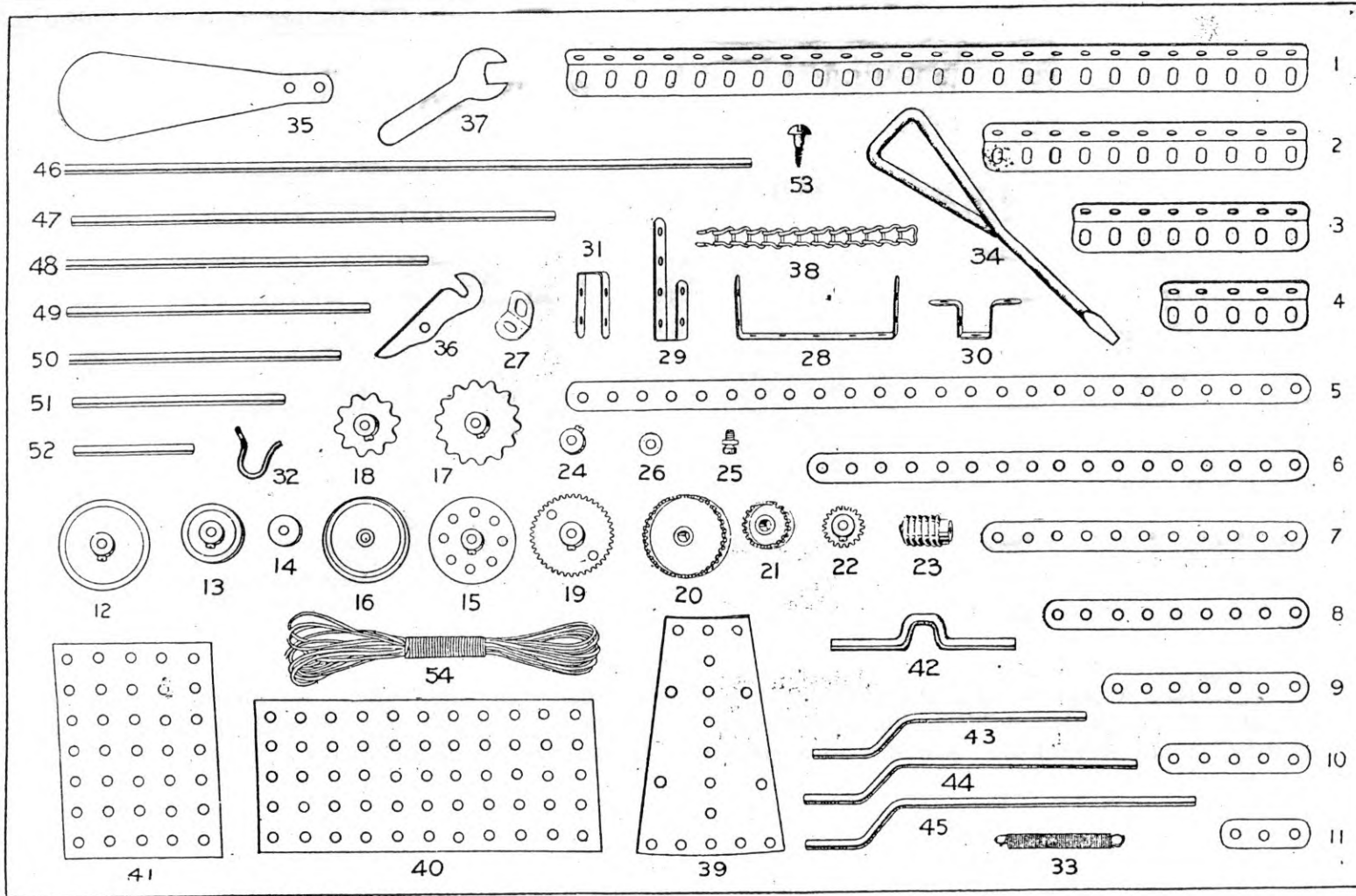
## NAMES AND NUMBERS OF PARTS WITH PRICES

No.	Part		No.	Part		No.	Part	
1.	12½" Angle Girder	30c ½ doz.	20.	1½" Crown Gear	25c each	39.	Sector Plate	10c each
2.	5½" " "	25c "	21.	¾" " "	20c "	40.	Large Rectangular Plate	10c "
3.	4" " "	20c "	22.	½" Pinion	15c "	41.	Small " "	10c "
4.	2½" " "	15c "	23.	Worm Wheel	15c "	42.	Crank Axle	5c "
5.	12½" Perforated Strip	25c "	24.	Collar and Set Screw	5c "	43.	4½" Crank	10c "
6.	8½" " "	20c "	25.	Machine Screws and Nuts	10c doz.	44.	5½" " "	10c "
7.	5½" " "	15c "	26.	Shaft Coupling	10c each	45.	6½" " "	10c "
8.	4½" " "	15c "	27.	Angle Brackets	10c doz.	46.	11½" Axle Rod	10c "
9.	3½" " "	10c "	28.	Large Bent Strip	5c each	47.	8" " "	8c "
10.	2½" " "	10c "	29.	Hanger Strip	5c "	48.	6" " "	5c "
11.	1½" " "	8c "	30.	Double Bent Strip	5c "	49.	5" " "	5c "
12.	1½" Grooved Pulley	12c each	31.	Single Bent Strip	5c "	50.	4½" " "	5c "
13.	1" " "	10c "	32.	Hook	5c "	51.	3½" " "	3c "
14.	½" " "	5c "	33.	Coil Spring	5c "	52.	2" " "	2½c "
15.	Bush Wheel	15c "	34.	Screw Driver	10c "	53.	Wood Screws	10c doz.
16.	Flange Wheel	15c "	35.	Propeller Blade	10c pair	54.	Cord	5c each
17.	1½" Sprocket Wheel	20c "	36.	Pawl	10c each	55.	Motor: "See Special List."	
18.	1" " "	15c "	37.	Wrench	5c "	56.	Complete Instruction Book	25c "
19.	1½" Spur Gear	20c "	38.	Chain—4 feet	10c "			

**E**LECTRIC MOTORS of a special design, especially for use with these sets. Wonderfully powerful and of a high degree of quality and efficiency. These motors are supplied with the larger sets or may be had separately. A motor adds greatly to the enjoyment of the Castle Builder.

THE ONLY STEEL BUILDER MADE IN CANADA

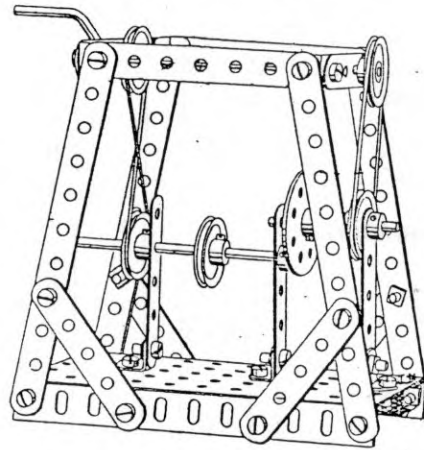
ILLUSTRATION OF PARTS



Parts Interchangeable with other Steel Builders.

CANADIAN TOYS FOR CANADIAN BOYS

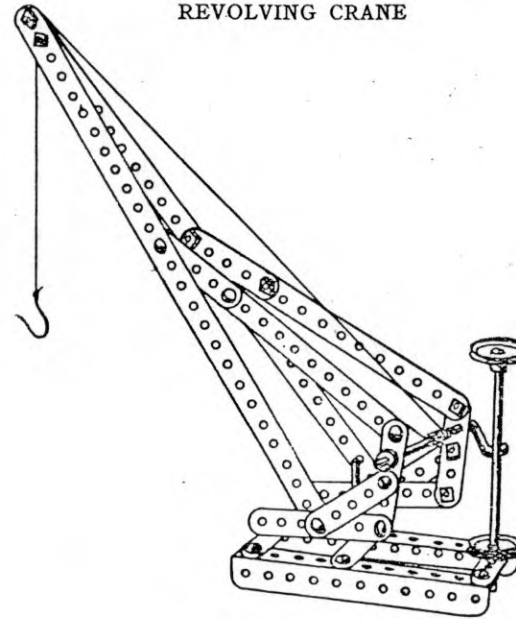
BUFFING WHEEL



PIECES USED

- 2 of No. 2
- 4 of No. 7
- 2 of No. 9
- 9 of No. 10
- 4 of No. 13
- 1 of No. 14
- 1 of No. 15
- 4 of No. 24
- 30 of No. 25
- 7 of No. 27
- 1 of No. 40
- 1 of No. 44
- 1 of No. 50
- 1 of No. 52

REVOLVING CRANE



PIECES USED

- 2 of No. 2
- 2 of No. 5
- 2 of No. 7
- 2 of No. 10
- 3 of No. 13
- 1 of No. 14
- 4 of No. 24
- 22 of No. 25
- 2 of No. 27
- 1 of No. 32
- 1 of No. 43
- 1 of No. 50
- 1 of No. 52

Above designs can be built with Castle Builder Set No. 1.

No.	Part	0	0A	1	1A	2	2A	3	3A	4	4A	5	5A	6	6A	7	No.	Part	0	0A	1	1A	2	2A	3	3A	4	4A	5	5A	6	6A	7	
1.	12½" Angle Girder.....							4	4	4	8		8	2	10	2	12	29.	Hanger Strip.....									2	2		2	2	4	
2.	5½" " ".....	2		2		2	2	4		4		4	2	6	2	8		30.	Double Bent Strip.....			1	1	1	2		2		2	1	3	1	4	
3.	4 " " ".....							4		4		8		8		8		31.	Single Bent Strip.....		1	1	1	2		2		2	1	3	1	4		
4.	2½" " ".....		2	2	2	4		4	2	6	2	8		8	2	10		32.	Hook.....		1	1		1	1	2		2		2		2		
5.	12½" Perforated Strip.....	2	2	4	6	6	12			12	6	18	6	24	6	30		33.	Coil Spring.....								1	1		1		1		
6.	8½" " ".....				2	2	2	4		6	2	8	10	18		18		34.	Screw Driver.....	1		1		1		1		1		1		1		
7.	5½" " ".....	2	2	4	2	6	6	12	6	18	6	24	6	30	6	36		35.	Propeller Blade.....									2	2	2	4			
8.	4½" " ".....		2	2	2	4	2	6		6		6	6	12	6	18		36.	Pawl.....					1	1	1	2		2		2	1	3	
9.	3½" " ".....		2	2	2	4	2	6		6	6	12		12	6	18		37.	Wrench.....		1	1		1		1		1		1		1		
10.	2½" " ".....	10		10		10	10	20		20	10	30	10	40	10	50		38.	Chain—4 feet.....										1	1		1		
11.	1½" " ".....		2	2	2	4	2	6		6	6	12		12	6	18		39.	Sector Plate.....					2	2		2	2	4		4		4	
12.	1½" Grooved Pulley.....				2	2	2	4	1	5		5		5	1	6		40.	Large Rectangular Plate.....	1		1		1	1	2		2	1	3	1	4		
13.	1 " " ".....	4		4		4		4		4		4		4	1	6		41.	Small " ".....		1	1	1	2		2	1	3	1	4		5		
14.	½" " ".....		1	1		1		1	1	2	1	3	1	4		4		42.	Crank Axle.....				1	1		1		1	1	2		2		
15.	Bush Wheel.....		1	1		1		1	1	2		2	2	4		4		43.	4½" Crank.....		1	1		1	1	1	2		2	1	3	1	4	
16.	Flange Wheel.....									4	4	4	8		8			44.	5½" " ".....		1	1	1	2		2		2		2	1	3		
17.	1½" Sprocket Wheel.....											1	1		1			45.	6½" " ".....						1	1	1	2		2		2		
18.	1 " " ".....											1	1		1			46.	11½" Axle Rod.....							2	2	1	3		3			
19.	1½" Spur Gear.....							1	1	1	2		2		2			47.	8 " " ".....						1	1	1	2		2	1	3	1	4
20.	1½" Crown Gear.....							1	1	1	2		2		2			48.	6 " " ".....						2	2	2	4		4	1	5	1	6
21.	¾" " ".....							1	1	1	2		2		2			49.	5 " " ".....						2	2	2	4		4	1	5	1	6
22.	½" Pinion.....					1	1	2	3	1	4	1	5	1	6			50.	4½" " ".....	2		2		2	1	3	1	4		4	2	6		6
23.	Worm Wheel.....							1	1		1		1		1			51.	3½" " ".....			1	1	1	2	1	3		3		3	1	4	
24.	Collar and Set Screw.....	4	4	2	6		6	2	8	2	10	5	15	5	20			52.	2 " " ".....		2	2		2	1	3	1	4		4	2	6		6
25.	Machine Screws & Nuts.....	18	12	30	15	45	27	72	28	100	50	150	50	200	50	250		53.	Wood Screws.....			4	4		4		4	4	8		8		8	
26.	Shaft Coupling.....							1	1	1	2		2		2			54.	Cord.....		1	1		1	1	2	1	3	1	4		4	1	5
27.	Angle Brackets.....	8	4	12		12	24	12	36	12	48	12	60	12	72			55.	Motor.....						1	1		1		1		1		
28.	Large Bent Strip.....					1	1	1	2	2	4	2	6	2	8			56.	Complete Instruction Book.....	Sht.	A	A	B	B	B	B	B	B	B	B	B	B		

Castle Builder Parts are interchangeable with other steel constructors.