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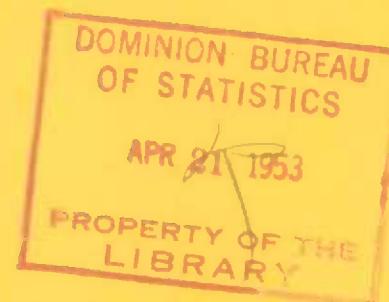
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GOVERNMENT OF CANADA



*Price statement
of manufacturers*
THE HARDWARE, TOOLS AND
CUTLERY INDUSTRY

1951



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THE HARDWARE, TOOLS AND
CUTLERY INDUSTRY

1951

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NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 4 volumes, as follows: **Volume I**—The Primary Industries, including mining, forestry and fisheries; **Volume II**—Manufacturing; **Volume III**—Construction; **Volume IV**—Merchandising and Services. The volumes are made up of parts, and the parts in turn are subdivided according to the industries which they comprise.

Volume II consists of the following parts, the first two of which deal with manufacturing as a whole and the balance with the major manufacturing groups.

- I—General Review of the Manufacturing Industries, \$1.50.
- II—The Manufacturing Industries, by Provinces
 - Section 1. Principal Statistics of Major Industrial Groups and Leading Industries, 50¢.
 - Section 2. Principal Statistics of Individual Industries, 75¢.
 - Section 3. Principal Statistics by Regional Distribution, 75¢.
- III—Foods and Beverages
- IV—Tobacco and Tobacco Products
- V—Rubber Products
- VI—Leather Products
- VII—Textiles
- VIII—Wood and Paper Products
- IX—Printing Trades
- X—Iron and Steel Products
- XI—Transportation Equipment
- XII—Non-ferrous Metal Products
- XIII—Electrical Apparatus and Supplies
- XIV—Non-metallic Mineral Products
- XV—Products of Petroleum and Coal
- XVI—Chemicals and Allied Products
- XVII—Miscellaneous Manufactures

The present report belongs in Part X, Iron and Steel Products. It is punched to permit of filing in a ring binder along with others of the group. The reports in this group are:

- A—General Review, 25¢.
- B—The Agricultural Implements Industry, 25¢.
- C—The Boilers and Plate Work Industry, 25¢.
- D—The Bridge Building and Structural Steel Industry, 25¢.
- E—The Hardware, Tools and Cutlery Industry, 25¢.
- F—The Heating and Cooking Apparatus Industry, 25¢.
- G—The Machinery Industry, 25¢.
- H—The Machine Shops Industry, 25¢.
- I—The Iron Castings Industry, 25¢.
- J—The Primary Iron and Steel Industry, 25¢.
- K—The Sheet Metal Products Industry, 25¢.
- L—The Wire and Wire Goods Industry, 25¢.
- M—The Miscellaneous Iron and Steel Products Industry, 25¢.

THE HARDWARE, TOOLS AND CUTLERY INDUSTRY, 1951

Production in 1951 by establishments in the Hardware, Tools and Cutlery Industry in Canada amounted to \$116,457,701, an increase of 30.1 per cent over the 1950 total of \$88,994,584.

A total of 297 plants which were occupied chiefly in the manufacture of hardware, cutlery, hand tools and related products, were classified to this industry. Of these, 209 factories were located in Ontario, 64 in Quebec, 12 in British Columbia, 5 in Manitoba, 4 in Alberta, 2 in Nova Scotia and 1 in New Brunswick. These concerns gave employment to a

total of 14,289 people who were paid \$39,480,334 in salaries and wages. Materials used in manufacturing processes cost \$39,022,361 and expenditures for fuel and electricity amounted to \$1,719,245.

Output included bolts, nuts, rivets, hardware, safety razors and blades, saws and parts, screw machine products, metal stampings, twist drills, milling cutters, machine knives, axes, hatchets, spades, forks, shovels, files, carpenters' tools, etc. Tables 5 to 14 give the total output in Canada, from all industries, of some of the more important of these commodities.

TABLE 1. Principal Statistics of the Hardware, Tools and Cutlery Industry, 1947-1951

Year	Number of plants	Number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works	Net ¹ value of production
1947	288	14,934	\$ 28,904,293	\$ 1,474,216	\$ 25,033,959	\$ 79,536,832	\$ 53,028,657
1948	287	14,665	31,708,877	1,676,248	26,632,705	87,665,673	59,356,720
1949	281	12,226	27,377,079	1,418,766	23,915,194	76,409,023	51,075,063
1950	291	12,513	29,840,967	1,513,106	28,461,423	88,994,584	59,020,055
1951	297	14,289	39,480,334	1,719,245	39,022,361	116,457,701	75,716,095
Per cent change 1951 from 1950	—	+14.2	+32.3	+13.6	+37.1	+30.1	+28.3

Note. Profits or losses cannot be calculated from above figures as data are not available for general expense items, such as interest, rent, depreciation, taxes, insurance, advertising, etc.

1. Gross value less cost of materials, fuel and electricity.

TABLE 2. Principal Statistics, by Provinces, 1950 and 1951

Province	Number of plants	Number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
1950						
New Brunswick	1	66	\$ 108,328	\$ 14,085	\$ 121,187	\$ 241,366
Nova Scotia	3	66	6,288,891	306,173	6,468,813	21,096,006
Quebec	62	2,850	22,669,983	1,135,831	20,984,007	65,184,116
Ontario	203	9,258	46,413	3,699	34,526	108,643
Manitoba	7	35	727,352	53,318	852,890	2,364,453
Alberta	4	304				
British Columbia	11					
Canada	291	12,513	29,840,967	1,513,106	28,461,423	88,994,584
1951						
Nova Scotia	2	57	\$ 92,188	\$ 11,764	\$ 203,769	\$ 412,508
New Brunswick	1	57	9,079,916	343,897	8,374,797	28,422,191
Quebec	64	3,509	29,217,684	1,292,349	29,017,915	84,082,896
Ontario	209	10,325	43,900	3,564	37,708	111,295
Manitoba	5	31	30,984	1,649	4,919	52,566
Alberta	4	13				
British Columbia	12	354	1,015,662	66,022	1,383,253	3,376,245
Canada	297	14,289	39,480,334	1,719,245	39,022,361	116,457,701

TABLE 3. Factory Sales by Concerns in the Hardware, Tools and Cutlery Industry,
1950 and 1951

Item	1950		1951	
	Quantity	Gross selling value at works	Quantity	Gross selling value at works
Safety razors and blades, steel table cutlery, scissors, army knives, etc.	—	\$ 4,798,749	—	5,024,180
Hardware:				
Automobile	—	2,663,127	—	2,968,239
Builders' and shelf	—	10,509,570	—	14,619,117
Furniture and cabinet	—	1,844,736	—	2,443,086
Harness and saddlery	—	206,602	—	305,473
Trunk and suitcase	—	292,221	—	343,128
Other hardware	—	3,481,318	—	4,709,620
Hand implements:				
Axes and hatchets	No.	628,922	866,771	551,541
Canthooks, peavies and pikepoles		—	277,357	—
Forks	No.	404,990	529,532	307,550
Hoes	"	238,068	213,038	203,918
Rakes	"	287,676	247,519	187,672
Spades and shovels	"	912,264	1,216,215	945,118
Other hand implements		—	261,685	—
Tools, hand and small:				
Automotive tools	—	670,486	—	878,797
Carpenters' and mechanics', including files	—	5,840,163	—	5,693,537
Jigs and fixtures	—	571,317	—	1,010,243
Machine knives	—	1,296,910	—	1,781,953
Drills, taps, bits, reamers, punches and dies (including screw plates)	—	3,869,108	—	5,624,469
Milling cutters	—	728,173	—	1,317,787
Other tools	—	5,196,057	—	8,919,001
Miscellaneous:				
Bolts, nuts, rivets, washers, screws and allied products	—	19,645,363	—	26,937,849
Casters, other than glass	—	994,199	—	1,160,363
Castings, iron	tons	3,148	388,781	2,258
Castings, other	—	19,447	—	27,653
Dies for drawing, cutting or stamping	—	2,193,861	—	3,541,767
Metal stampings	—	524,831	—	389,049
Saws, wood-cutting, and parts (see table 6)	—	4,396,774	—	7,266,170
Received from custom and repair work	—	641,431	—	909,061
All other products	—	14,608,743	—	16,393,839
Total	—	\$ 88,994,584	—	116,457,701

Note. Data given in the above table are for the Hardware, Tools and Cutlery Industry which includes only the firms that make hardware, tools and cutlery as their main products. These articles were made also as minor products by firms in other industries. For total output figures, see Tables 5 to 14 inclusive.

TABLE 4. Materials Used in the Hardware, Tools and Cutlery Industry, 1950 and 1951

Material	1950		1951		
	Quantity	Cost at works	Quantity	Cost at works	
		\$		\$	
Iron and steel:					
Pig iron	tons	2,133	102,982	2,533	134,071
Iron castings	"	2,117	629,876	2,482	702,572
Steel castings	"	287	179,096	396	268,417
Bars and rods	"	47,099	4,231,366	58,997	5,592,714
Plates	"	1,916	200,849	3,135	418,031
Sheets	"	11,410	1,235,296	19,552	1,933,123
Strip	"	7,298	1,069,642	8,268	1,203,316
Wire	"	22,713	2,360,903	29,654	3,442,060
Stampings	"	—	476,284	—	562,905
Alloy steel:					
Carbon and alloy tool steel, including high speed:					
Billets, bars and rods	lbs.	—	1,726,431	—	2,928,012
Other	"	—	1,307,963	—	1,729,853
Stainless:					
Billets, bars and rods	lbs.	—	52,989	—	180,701
Other stainless	"	—	120,164	—	292,322
Other alloy steel	"	—	499,084	—	542,284
Scrap iron and steel:					
Purchased	tons	939	27,439	718	47,075
Own make	"	52	1,116	38	1,086
All other iron and steel	"	—	881,838	—	918,339
Non-ferrous metals:					
Aluminum:					
Castings	lbs.			253,745	95,423
Sheet	"	696,215	239,370	339,627	140,491
Other forms	"			585,016	471,186
Bronze and brass	lbs.	4,395,524	1,347,709	5,390,849	1,927,563
Copper	"	348,470	108,281	585,162	187,810
Lead	"	257,061	47,297	308,262	77,727
Nickel	"	24,205	15,162	41,261	26,963
Tin	"	10,841	10,627	16,212	20,010
Zinc	"	988,079	207,598	1,332,095	298,460
Other non-ferrous	"	—	184,432	—	348,065
Other materials:					
Bolts, nuts and rivets	"	—	762,937	—	1,088,829
Handles	"	—	1,006,770	—	756,599
Paints, oils and varnishes	"	—	133,108	—	143,911
Parts for tools and implements	"	—	597,950	—	330,399
Lumber	M ft. b. m.	2,873	296,615	3,087	358,203
Shipping containers	"	—	771,103	—	953,761
Other materials	"	—	7,629,146	—	10,900,080
Total	"	—	28,461,423	—	39,022,361

TABLE 5. Total Factory Sales of Hardware, 1950 and 1951 (From all Industries)

	Selling value at works	
	1950	1951
	\$	\$
Builders' and shelf.....	10,656,000	14,914,000
Harness and saddlery.....	291,000	310,000
Pole line (except insulators).....	6,395,000	9,339,000
Automobile.....	6,896,000	8,149,000
Furniture and cabinet.....	1,883,000	2,449,000
Trunk and suitcase.....	292,000	343,000
Other.....	4,496,000	5,956,000
Total	30,909,000	41,460,000

TABLE 6. Factory Sales of Wood-Cutting Saws, 1950 and 1951 (From all Industries)

	Selling value at works	
	1950	1951
	\$	\$
Power saws:		
Circular	1,547,000	1,787,000
Band	632,000	789,000
Drag and gang	29,000	54,000
Cross cut saws	336,000	388,000
Webb saws	248,000	439,000
Hand saws	660,000	850,000
Parts for above, including saw teeth	1,001,000	1,367,000
Power chain saws and parts	1,787,000	5,087,000
Total	6,240,000	10,761,000

TABLE 7. Factory Sales of Axes and Hatchets, 1942-1951 (From all Industries)

Year	Number	Selling value at works	Year	Number	Selling value at works
		\$			\$
1942	956,298	876,294	1947	1,215,136	1,348,473
1943	780,614	650,619	1948	873,770	1,021,340
1944	753,237	710,539	1949	621,012	746,752
1945	814,254	753,280	1950	629,000	867,000
1946	1,291,835	1,241,513	1951	552,000	1,031,000

TABLE 8. Factory Sales of Spades and Shovels, 1942-1951 (From all Industries)

Year	Number	Selling value at works	Year	Number	Selling value at works
		\$			\$
1942	1,143,959	840,151	1947	1,103,999	1,002,706
1943	1,010,865	756,854	1948	1,277,070	1,492,550
1944	1,052,777	739,853	1949	1,033,124	1,229,346
1945	1,029,461	722,544	1950	947,000	1,262,000
1946	1,016,263	774,829	1951	1,021,000	1,646,000

TABLE 9. Factory Sales of Forks, Rakes, Hoes and Peavies, 1942-1951 (From all Industries)

Year	Forks		Rakes		Hoes		Peavies, canhooks and pike poles
	Number	Selling value at works	Number	Selling value at works	Number	Selling value at works	
		\$		\$		\$	\$
1942	441,701	380,487	239,206	125,161	279,170	140,840	230,227
1943	631,959	470,982	175,009	86,879	282,785	136,681	181,967
1944	602,391	452,839	293,757	146,860	297,872	149,961	172,547
1945	477,952	379,090	404,534	183,250	269,998	139,582	188,947
1946	520,309	443,779	241,613	135,401	291,357	151,116	352,294
1947	638,644	600,664	226,630	134,929	313,756	201,193	451,007
1948	625,098	669,449	247,441	173,797	301,926	222,475	346,778
1949	462,003	583,471	208,086	175,044	216,766	193,775	237,466
1950	405,000	530,000	288,000	248,000	238,000	213,000	278,000
1951	308,000	398,000	188,000	193,000	204,000	185,000	405,000

TABLE 10. Total Production and Factory Sales of Nails, Tacks and Staples, 1947-1951
(From all Industries)

Year	Iron and steel wire staples	Iron and steel wire nails and spikes	Wire and cut tacks of all kinds	Iron and steel cut nails
	kegs	kegs	lbs.	kegs
1947				
Quantity made	40,730	1,548,283	4,834,380	18,699
Quantity sold	40,105	1,523,862	4,804,115	18,048
Value of sales	\$ 223,433	7,446,036	838,647	145,478
1948				
Quantity made	31,436	1,735,071	4,494,351	18,055
Quantity sold	32,059	1,741,037	3,884,928	18,809
Value of sales	\$ 219,152	9,804,316	828,953	170,832
1949				
Quantity made	35,504	1,770,411	3,274,002	22,398
Quantity sold	35,866	1,803,241	3,181,841	21,410
Value of sales	\$ 266,368	12,030,359	713,456	261,980
1950				
Quantity made	36,848	1,724,546	2,620,169	21,123
Quantity sold	35,382	1,726,156	3,343,778	20,889
Value of sales	\$ 274,374	12,136,218	707,167	238,383
1951				
Quantity made	35,446	1,865,176	2,958,954	27,260
Quantity sold	34,992	1,818,884	2,770,333	25,281
Value of sales	\$ 309,034	14,107,066	654,704	288,954

Note. 1 keg = 100 pounds.

TABLE 11. Total Factory Sales of Small Tools¹, 1950 and 1951 (From all Industries)

	Selling value at works	
	1950	1951
	\$	\$
Carpenters' and mechanics', including files	5,840,000	5,715,000
Machine knives	1,297,000	1,782,000
Drills, taps, bits, reamers, punches and dies (including screw plates).....	3,894,000	5,667,000
Milling cutters.....	728,000	1,318,000
Gauges (plug, ring, snap, thread, etc.)	167,000	371,000
Other tools, jigs and fixtures	8,385,000	12,109,000
Total	20,311,000	26,962,000

1. Does not include pneumatic or electric tools.

TABLE 12. Total Production of Miscellaneous Steel Cutlery¹, 1942-1951 (From all Industries)

Year	Selling value at works	Year	Selling value at works
	\$		\$
1942	551,912	1947	817,520
1943	563,055	1948	912,905
1944	669,202	1949	1,663,327
1945	553,170	1950	1,776,000
1946	1,206,010	1951	1,965,000

1. Includes paring knives, bread knives, army utility knives, scissors, unplated table cutlery, etc. Sterling silver and silver-plated ware not included.

TABLE 13. Total Production and Factory Sales of Razor Blades, 1948-1951 (From all Industries)

Year	Production	Factory sales	
	Quantity made	Quantity sold	Selling value at works
	No.	No.	\$
1948	148,585,000	156,522,000	2,941,000
1949	171,899,000	166,548,000	3,179,000
1950	162,209,000	176,399,000	3,243,000
1951	220,748,000	196,958,000	3,404,000

TABLE 14. Total Production of Electric Shavers, 1950 and 1951 (From all Industries)

Year	Quantity made	Selling value at works
	No.	\$
1950	170,611	1,908,927
1951	150,421	1,989,000

TABLE 15. Imports of Specified Items of Hardware, Tools and Cutlery, 1950 and 1951

Item	1950		1951	
	Quantity	Value	Quantity	Value
Forks, pronged	doz.	1,345	\$ 20,767	1,635 26,900
Rakes, n.o.p.	"	10,321	46,062	18,891 93,615
Scythes	"	1,541	21,824	5,391 60,307
Sickles or reaping hooks.....	"	821	4,349	945 5,750
Hoes.....	"	1,334	12,861	1,144 9,539
Post hole diggers and parts	No.	4,222	73,411	4,360 71,597
Spades and shovels, of iron or steel, n.o.p.	doz.	3,694	42,992	7,607 63,600
Knives and forks, table, of steel, n.o.p.	-	-	365,263	- 549,381
Pen-knives, jack-knives and pocket-knives of all kinds	-	-	675,361	- 638,236
Razors, n.o.p., and parts	-	-	294,280	- 161,699
Safety razor blades	doz.	767,673	61,525	1,935,085 136,404
Scissors and shears, n.o.p.	-	-	1,040,324	- 1,275,471
Knives, butcher and kitchen.....	-	-	358,633	- 479,741
All other knives, n.o.p.	-	-	202,251	- 236,172
Spoons	-	-	72,510	- 113,301
Hinges and butts, of iron or steel, coated or not; hinge and butt blanks, of iron or steel	lbs.	1,294,918	705,890	1,392,236 650,851
Nuts and bolts with or without threads, washers, rivets, of iron or steel, coated or not; nut and bolt blanks, of iron or steel	lbs.	7,431,499	2,565,638	13,566,748 4,419,135
Machine and other screws, n.o.p., of iron or steel.....	-	-	1,503,617	- 2,195,577
Wood screws of iron or steel	-	-	78,263	- 195,340
Fish hooks for deep sea or lake fishing, not smaller in size than No. 2.0, not for sportsmen's purposes	-	-	126,781	- 117,268
Hardware, viz: - builders', cabinet makers', upholsterers' and carriage hardware, n.o.p.	-	-	1,483,158	- 1,894,929
Locks, n.o.p.	-	-	174,987	- 241,481
Skates of all kinds, roller or other, and parts thereof	pairs	24,000	60,008	32,385 90,770
Anvils and vises	-	-	269,596	- 403,888
Augers, bits and drills	-	-	1,877,333	- 2,525,893
Axes.....	doz.	1,968	20,609	4,131 52,576
Files, manicure	-	-	45,374	- 58,370
Files, n.o.p., and rasps	doz.	89,947	392,371	123,209 495,704
Hack saw blades	-	-	229,835	- 272,297
Saws, n.o.p.	-	-	632,599	- 889,811
Wrenches	-	-	1,373,085	- 1,826,889
Adzes, cleavers, hatchets, screw-drivers, planes, spokeshaves, chisels, mallets, metal wedges, sledges, hammers, crowbars, cantdogs, track tools, picks, mattocks, eyes or polls for the same	-	-	1,196,396	- 1,367,577
Engineers', surveyors', draftsmen's, machinists' or metal-workers' precision tools and measuring instruments, and parts, as enumerated in tariff items 431c and 431d	-	-	2,487,721	- 3,159,328
Tools for use in machines	-	-	1,418,324 ¹	- 3,067,048
Tools, n.o.p.	-	-	3,540,261	- 4,997,911

1. From June 1, 1950.

TABLE 16. Exports of Specified Items of Hardware, Tools and Cutlery, 1950 and 1951

Item	1950		1951	
	Quantity	Value	Quantity	Value
Garden and farm tools	—	\$ 107,091	—	\$ 138,478
Spades and shovels, and parts	doz.	9,950	118,766	5,387
Razors and razor blades of all kinds	—	—	31,574	—
Cutlery, n.o.p., not plated	—	—	5,239	—
Bolts and nuts of iron and steel.....	cwt.	5,877	126,602	24,940
Locks of iron or steel	—	—	13,552	—
Screws of iron and steel	—	—	11,958	—
Ice skates	pairs	89,821	165,269	107,710
Hardware, n.o.p.	—	—	298,576	—
Axes	doz.	1,767	34,063	3,403
Files and rasps	"	117,092	223,568	118,648
Saws, n.o.p. (except power-operated).....	—	—	283,139	—
Taps and dies	—	—	76,621	—
Wrenches	—	—	101,786	—
Tools, n.o.p.	—	—	253,121	—

TABLE 17. Employees and Their Earnings in the Hardware, Tools and Cutlery Industry, by Provinces, 1950 and 1951

Province	Number of employees					Earnings		
	Supervisory and office		Production workers		Total	Supervisory and office	Production workers	Total
	Male	Female	Male	Female				
1950						\$	\$	\$
Quebec	406	192	1,861	391	2,850	1,711,026	4,577,865	6,288,891
Ontario	1,199	622	6,346	1,091	9,258	5,429,524	17,240,459	22,669,983
Manitoba	5	1	27	2	35	8,391	38,022	46,413
British Columbia	59	13	212	10	294	247,841	456,817	704,658
Other provinces	13	3	54	6	76	34,030	96,992	131,022
Canada	1,682	831	8,500	1,500	12,513	7,430,812	22,410,155	29,840,967
1951								
Quebec	478	245	2,271	515	3,509	2,358,204	6,721,712	9,079,916
Ontario	1,312	675	7,122	1,216	10,325	7,069,586	22,148,098	29,217,684
British Columbia	66	19	260	9	354	317,181	698,481	1,015,662
Other provinces	17	2	76	6	101	40,651	126,421	167,072
Canada	1,873	941	9,729	1,746	14,289	9,785,622	29,694,712	39,480,334

List of Firms in the Hardware, Tools and Cutlery Industry, 1951

Note. This is not intended to be a complete list of concerns which made hardware, tools and cutlery. It is a list of the companies which were occupied chiefly in making these items, but there may have been firms in other industries which made same as minor products of their operations.

Name	Address
Nova Scotia:	
Blenkhorn & Sons Ltd.....	Canning
Starr Manufacturing Works Limited.....	Dartmouth
New Brunswick:	
Somerset Axe and Tool Co., Ltd.....	63 Somerset St., Saint John
Quebec:	
A.B.C. Tool Die Mfg. Co. Ltd.....	2381 Des Carrières, Montreal
Acme Shear Co. of Canada, Ltd., The.....	P.O. Box 420, Bedford
Ambassador Manufacturing Co.....	1100 Victoria St., St. Lambert, Montreal 23
American Safety Razor of Canada Ltd.....	2055 Desjardins Ave., Montreal
Anderson, George, & Co. Can., Ltd.....	4211 St. Ambroise St., Montreal
Barrie Utility Mfg. Co. Ltd.....	7340 St. Anselme St., Montreal
Boisvert, J.R., & Cie Ltée	Grandes Piles
Bouchard, Georges, (Les Scies Saguenay)	Bagotville
Bristol Cutlery Co.....	333 Broadway, Montreal
Canada Grip Nut Co. Ltd.....	140 Mercier St., St. Johns
Canadian "Cinch" Anchoring Systems Ltd.....	455 Craig St. W., Montreal
Canadian Die Works Reg'd.....	1007A Ste. Elizabeth St., Montreal
Canadian Tool Engineering Co.....	358 St. Paul St. W., Montreal
Canadian Wire, Die Works	5895 Dumas St., Ville Emard, Montreal
Canuel, Onezime.....	St. Ulric, Co. Matane
Capital Plastics Reg'd.....	6293 Casgrain Ave., Montreal
Champagne Screw Machine Products Co.....	8203 Casgrain Ave., Montreal
Denman Engraving Reg'd.....	360 Recollet St., Montreal
Dominion Lock Co. Ltd.....	7301 Decarie Blvd., Montreal
Durable Industries Ltd.....	6585 Jeanne Mance St., Montreal
Durham Industries (Canada) Ltd.....	1435 Island St., Montreal
Engineering Products of Canada Ltd.....	5035 Ontario St. E., Montreal
Evans Rule Co. Ltd.....	464 McGill St., Montreal
Forest, J.A.....	1050 Chemin Côte St. Michel, Montreal
Fuller Tool Co. Ltd.....	645 Wellington St., Montreal
Furniss Clarke & Co. Limited	445 St. Peter St., Montreal
Gillette Safety Razor Co. of Canada, Ltd.....	1045 St. Alexander St., Montreal
Gilmore, G., Co.....	5012 St. Patrick St., Montreal
Glo-Hill Cutlery Company Ltd.....	425 River St., Verdun
Gordy Tool and Die Works Reg'd.....	7075 Grande Ave., Montreal
Harrington Tool & Die Company Limited	735-755 First Ave., Lachine
Industrial Stampings, Limited.....	Bromptonville
La Cie des Scies "Champion" Ltée	339 Dorchester St., Quebec
Laurentian Metal Products Company Limited	40 Montcalm St., Hull
Le Page Brothers Company.....	1540 Craig St. E., Montreal
Levis Plastex & Metal Products	71 St. Louis St., Levis
Lowe, W.T., & Sons Reg'd.....	2009 Davidson, Montreal
Mahon Hardware Mfg. Co. Limited	5010 St. Patrick St., Montreal
Mayer Sealing Devices Reg'd.....	11425 Cherrier St. S., Montreal
Metalworks Ltd.....	425 River St., Verdun, Montreal
Monarch Engineering Co.....	5721A St. Denis St., Montreal
Montreal Grinding Works	4216 Gascon Ave., Montreal
Montreal Hardware Mfg. Co., Limited	2567 Notre Dame St. E., Montreal
Montreal Steel Rule Dies.....	1362 Jean Talon St. E., Montreal
Noranda Steel & Machine Shop	30-14th St., Noranda
Pal Blade Corp., Ltd.....	6263 Notre Dame St. E., Montreal
Rameck Supplies Ltd.....	277 Zotique St. W., Montreal
Rapid Bit Co.....	5236 Angers St., Montreal
Richard, A., Ltée.....	11 Jacques Cartier, Berthierville
Rousseau Metal Inc.....	St. Jean Port Joli, Co. de L'Islet
Sido Limitée	555 Boul. Boivin, Granby
Simonds Canada Saw Co. Limited	595 St. Rémi St., Montreal
Stanley Tool Co. of Canada, Limited	Roxton Pond
Steel Company of Canada, Limited	2320 Notre Dame St. W., Montreal
Steel Rule Dies, Reg'd.....	724 St. James St. W., Montreal
Stowell Screw Co. Ltd.....	216 St. Laurent St., Longueuil
Threepoint Products.....	15 Ontario St. W., Montreal
Tole Gaufrée "Idéale" Engr.....	1500 Laframboise St., St. Hyacinthe
Unique Sash Balance Co. Ltd.....	4070 Namur St., Montreal
Union Twist Drill Co.....	Rock Island

List of Firms in the Hardware, Tools and Cutlery Industry, 1951 - Continued

Name	Address
Quebec — concluded	
Universal Die & Tool Mfg. Limited	4534 Christophe Colomb Lane, Montreal
Villeray Metallic Industries Ltd.	9180 Blvd. St. Laurent, Montreal
Walters Axe Co. Ltd.	85 Front St., Hull
Whitehouse, A.E., & Sons, Ltd.	970 St. George St., Montreal
Ontario:	
Advance Mfg. Co.	139 Dundas St., Kitchener
Advanced Wire Die Ltd.	81 Carling St., London
Ajax-Doret Metal Products, Limited	390 Weston Rd., Toronto
Algoma Mfg. Tool & Die Ltd.	177 King St. W., Oshawa
Amalgamated Tool & Die Company	378 King St. E., Toronto
Amerock Cabinet Hardware Ltd.	Meaford
Amherst Tool & Die	Amherstburg
Animal Trap Co. of America	Ellen Ave., Niagara Falls
Applied Engineering	167 Wickstead Rd., Leaside
Asco Mfg. Ltd.	877 Queen St. W., Toronto 3
Ashman Industries Limited	644 Main St. W., Hamilton
Automatic Screw Machine Products Limited	1171 Queen St. E., Toronto
B.B. Tool and Die Ltd.	237 Vine St. N., St. Catharines
Belleville Lock Company Limited	270 Pinnacle St., Belleville
Beswick Tool & Die	1701 Shepherd St. E., Windsor
Bolton Die Company	3245 Byng Rd., Windsor
Bond Engineering Works Limited	16 Munition St., Toronto 2
Border Tool & Die Co. Ltd.	1358 Windsor Ave., Windsor
Bowman, Joe P.	292 Murray St., Brantford
Brant Engineering & Tool Co. Ltd.	38 Elgin St., Brantford
Brasier Products	1 Thorpe St., Dundas
Bryant Pattern & Mfg. Co. Ltd.	469 East Shepherd St., Windsor
Brydon Brass Mfg. Co. Ltd.	927 Dufferin St., Toronto
Burns Mfg. Co. Ltd.	1700 Lewis Ave., Niagara Falls
Burrell-Gardner Tool Co. Ltd.	542 Brant St., Windsor
Canada Casters, Limited	344 Dundas St., Woodstock
Canada Foundries & Forgings, Limited	Water St. W., Brockville
Canada Illinois Tools, Limited	177 Front St. E., Toronto
Canadian Advance Car Mover Co., Ltd.	569 Southworth St., Welland
Canadian Desmond-Stephen Mfg. Co. Ltd.	252 Gibson Ave. N., Hamilton
Canadian Engineering & Tool Company Limited	920 Mercer St., Windsor
Canadian General Electric Co. Ltd.	1025 Lansdowne Ave., Toronto
Canadian Koebel Diamond Tools, Ltd.	18th St. & Towns Road, New Toronto
Canadian Landis Machine Co. Ltd.	Welland
Canadian Warren-Pink Limited	Ontario & Carlton Sts., St. Catharines
Capital Metal Works	Montreal Rd., Eastview
Carbide Tool Company	260 Willard Ave., Toronto 9
Carpenter Tool & Die Co.	474 Burlington St. E., Hamilton
Champ Tools	79 Elgin St. N., Galt
Chapat Engineering & Sales Co. Ltd.	25 Sawyer Rd., Hamilton
Charlton, J.J.	33 Sheppard Ave. W., Toronto
Clark Caster Company Limited	41 Lippincott St., Weston
College Tool and Die	88 Ossington Ave., Toronto
Collision-Goll Engineering Co.	30 McRoberts Ave., Toronto
Colonial Tool Company Limited	1691 Walker Rd., Windsor
Condor Mfg. Co.	1408 Kingston Road, Toronto
Corbin Lock Company of Canada, Limited	180 Coleman Ave., Belleville
Cornell Engineering Co.	2125 Dundas St. W., Toronto
Coulter Manufacturing Company Limited	30 Richmond St. W., Oshawa
Craig Bit Company, Limited	180 - 9th St., North Bay
Crothers Engineering Ltd.	1181 Sheppard Ave. E., Toronto 17
Dafew Tool Co.	85 Northline Rd., Toronto
Darnell Corp. of Canada, Ltd.	105 - 30th St., Long Branch
D. & D. Steel Rule Die Carton Co.	1122 Castlefield Ave., Toronto
Dillon Mfg. Co.	82 Ontario St. W., Toronto
Disston, Henry, & Sons, Limited	2 Fraser Ave., Toronto
Do All Company of Canada Ltd., The.	35 Clarkson Ave., Toronto 10
Dominion Screw Company, Limited	395 Weston Rd. S., Toronto
Dominion Twist Drill, Limited	1880 Assumption St., Walkerville
Douglas	170 Willodale St., Lansing
Draper Mfg. Co. of Canada, Ltd.	Petrolia St., Petrolia
Dreher, J., Estate	127 Moore Ave., Waterloo
Dunne, W.H., Skate Co.	243 MacDonnell Ave., Toronto
Dyer & Kerst, Limited	63 Duchess St., Toronto
Economy Die Makers	122 Front St. E., Toronto
"El-Mech" Tools Ltd.	569 Southworth St., Welland

List of Firms in the Hardware, Tools and Cutlery Industry, 1951 — Continued

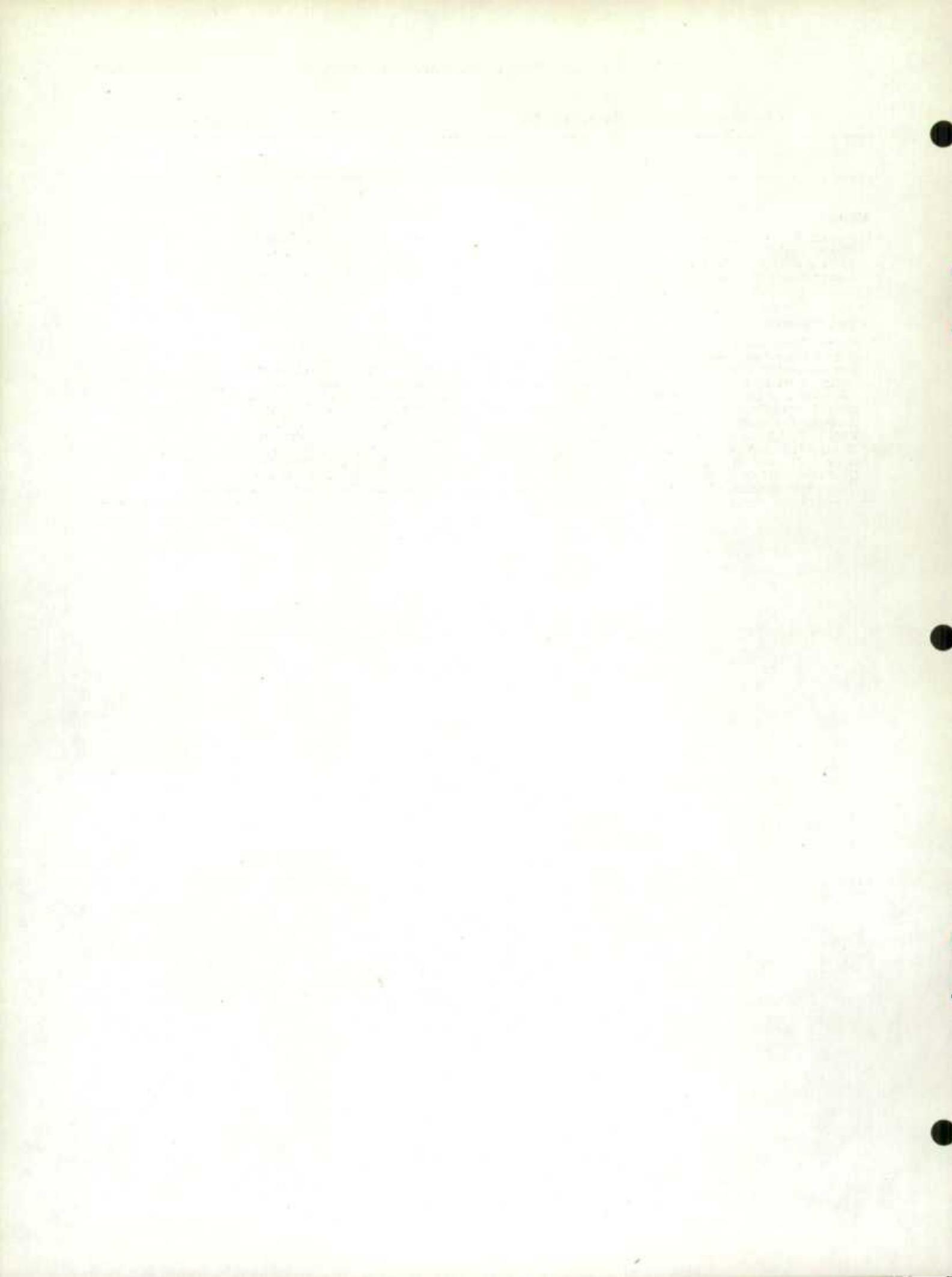
Name	Address
Ontario — Continued	
Embree Industries Limited.....	151 Birge St., Hamilton
E.T.F. Tools Limited.....	21 Woodburn Ave., St. Catharines
F.B. Tool and Die Co.	237 Vine St. N., St. Catharines
Fearneough, W., Canada, Ltd.	St. Lawrence Ave., Queensway, Toronto
Firth Brown Tools, Canada, Ltd.	162 Samuelson St., Galt
Fisher Gauge Works	194 Sophia St., Peterborough
Flaherty Manufacturing Co., Ltd.	76-78 Wellington St. N., Hamilton
Galt Metal Products Co.	161 Samuelson St., Galt
Galt Knife Company Limited	99 State St., Galt
Galt Tool Engineering Company Limited.....	Bella St., Hespeler
General Automotive Enterprise Co.	235 Broadview Ave., Toronto
Geometrix Ltd.	1120 Castlefield Ave., Toronto
Gillam Components Co.	7 O'Hara Place, Toronto
Globe Stamping Company Ltd.	232 Madison Ave., Kitchener
Gray Forgings & Stampings, Limited	710 St. Clares Ave. & Dupont St., Toronto
Greenfield Tap and Die Corp. of Canada Ltd.	27 York Place, Galt
Guelph Spring & Axle Co. Ltd.	24 Wellington St., Guelph
Hahn Brass Company, Ltd., The	Waterloo St., New Hamburg
Hard Metal Fabricators Limited	1630 Dundas St. W., Toronto
Hay, Peter, Knife Co. Limited	43 Victoria Ave., Galt
Hollymade Hardware Mfg. Co.	22 Ripley St., Toronto
International Tools Ltd.	875 Tecumseh Blvd. E., Windsor
Irwin-Bender Tool Co.	1A Howard Park Ave., Toronto
Jackson Metal Industries Ltd.	Frid St., Hamilton
James Bros. Hardware Ltd.	Foster St., Perth
Jardine, A.B., & Co., Limited	Avenue St., Hespeler
Jobborn Manufacturing Ltd.	11 Brock St. E., Hamilton
Jones Shovel Company Limited	King St., Gananoque
Kendan Mfg. Co.	2918 Walker Rd., Windsor
Kennametal Tools & Manufacturing Co., Limited.....	371 Sherman Ave. N., Hamilton
Lacelle Tool & Die Works.....	3368 Duffering St. & Park Rd., Toronto
Ladore & Company Ltd.	354 Chilver Rd., Walkerville
Lakeshore Precision Gauge Works.....	75-36th St., Long Branch
Larsen & Shaw Limited	Peter and Scott Sts., Walkerton
Law & Anderson Machine & Tool Co.	1801 S. Cameron Blvd., Windsor
Leadercraft Ltd.	2091 Dufferin St., Toronto
Lee Machine & Tool Co.	21 Windsor St., Mimico
Levine Die Company Limited	161 Ottawa St., Kitchener
Lewis & Ireland	263 Davenport Rd., Toronto
Little Metal Products	1184 Queen St., Preston
Lucas, F.	166 Gamma St., Long Branch
Machine Specialties	1360 Davenport Rd., Toronto
Mall Tool Ltd.	94 Gordon St., Guelph
Mallett Machine & Tool Works	103 Walnut Ave., Toronto
Mallory Hardware Products Ltd.	Blenheim
Marbles & Tough Ltd.	1951 Dundas St. W., Toronto
Martin Brothers	St. Jacobs
Master Tool & Grinding Co.	1695 Turner Rd., Windsor
McFatridge Stamping Co.	Galt
McKenna, Jay G., (Canada) Ltd.	104 Jarvis St., Toronto
Mercury Tool & Stamping Limited	1351 Dufferin St., Toronto
Modern Caster Co.	4652 Yonge St., Lansing
Moldmakers & Engravers Ltd.	738 Dundas St. E., Toronto
Morrow Screw & Nut Co. Ltd.	Thames St., Ingersoll
Motor City Brass Co.	North Oshawa
National Cutlery, Limited	1463 Davenport Road, Toronto
National Hardware Specialties	Dresden
National Tool Distributors Ltd.	10 Oxford St., Galt
Nicholson File Co.	Cavan St., Port Hope
Nickleon Tool & Die Co.	1562 Windsor Ave., Windsor
Oliver, A.H., Machinery Co.	177-179 Cedar St. E., Orillia
Ontario Die Company Limited.....	119 Roger St., Waterloo
Onward Mfg. Co. Limited.....	1027 King St. E., Kitchener
Palcoseel Mfg. Co. Ltd.	119 Montreal Road, Cornwall
Parmenter & Bullock Mfg. Co., Limited	Clarence St., Gananoque
Peerless Engineering Ltd.	132 Brandon Ave., Toronto
Perfect Cutting Tool Ltd.	711 Tecumseh Road E., Windsor
Peterboro Lock Mfg. Co. Ltd.	198 Simcoe St., Peterborough
Pratt & Whitney Co. of Canada, Ltd.	Hatt St., Dundas
Precision Tool Works, Limited.....	3555 Danforth Ave., Toronto
Preston-Noelting, Ltd.	163 King St., Stratford
Rae Tool & Engineering Limited	65 Shaw St., Hamilton
Reliable Die Co.	110 Sudbury Ave., Toronto

List of Firms in the Hardware, Tools and Cutlery Industry, 1951 - Continued

Name	Address
Ontario — concluded	
Reliable Tool and Mfg. Co.	Ormond St., Thorold
Reliance Tool & Die Casting Co.	81 Gordon St., Brantford
Rhode, Geo. R., & Co.	340 Percy St., North Bay
Richards Engineering Company	172 Forest St., Chatsworth
Richards-Wilcox Canadian Co. Ltd.	Terrace St., London
Roberts & Deacon Saw Co.	172 Princess St., Hamilton
Robertson, P.L., Mfg. Co. Ltd.	Bronte St., Milton
Salco Corporation Ltd.	88 Fourteenth St., New Toronto
Sands Tool Ltd.	35 Carlaw Ave., Toronto
Schick (Canada) Ltd.	437-493 Adelaide St. N., Toronto
Seco Sales & Service Limited	90 Sherbourne St., Toronto
Shanfield Industries	42 Park Lawn Road, Toronto
Sherwin, Taylor Tool and Die Co.	269 Niagara Blvd., Fort Erie
Shimmer Cutter Head Co. of Canada, Limited	20 Hobson St., Galt
Shurly-Dietrich-Atkins Company, Limited	17 Glebe St., Galt
Simpson, A.G., Co. Ltd.	Box 100, Station H, Toronto
Skillcraft Ltd.	2-4 Bond St., St. Catharines
Smit, J.K., & Sons of Canada, Limited	129 Adelaide St. W., Toronto
Snap-on Tools of Canada, Ltd.	41 Cranfield Rd., Toronto 13
Stanley Works of Canada, Limited	Gerrard St., Hamilton
Star Expansion Bolt Co. Ltd.	731 Runnymede Road, Toronto
Steel Company of Canada, Limited	Colborne St. W., Brantford; and Toronto (Swansea)
Stewart-Warner-Alemite Corp. of Canada Ltd.	McDonald Ave., Belleville
Stratford Brass Company Ltd.	Erie & Gore Sts., Stratford
Sunnen Products Company Limited	23 Grand Avenue E., Chatham
Superior Machine & Tool Co.	285 Inches Ave., Chatham
Superior Tool & Die Ltd.	75 Jarvis St., Toronto
Taylor Bros. Cutlery Co. Ltd.	9 McNab St. N., Hamilton
Taylor Die & Tool Mfg. Co. Ltd.	625 Princess St., London
Taylor-Forbes, Limited	Queen St., Guelph
Taylor, J.A.M., Tool Co., Limited	59 Queen St., Galt
Thermos Bottle Company Limited	1239 Queen St. W., Toronto
Thomson (Canada) Rivet Co. Ltd.	4th St. & Victoria Ave., Gananoque
Tools and Hardware Ltd.	112 Peter St. S., Orillia
Toronto Die Company	780 King St. W., Toronto
Toronto Lock Manufacturing Co. Limited	Paterson Place, Toronto
Toronto Screw Machine Products Ltd.	1953 Gerrard St. E., Toronto
Toronto Tool & Stampings Co.	1311 Queen St. E., Toronto
Unior Tool & Die Works	166 Dalhousie St., Ottawa
United Tool & Die Works	3044 Danforth Ave., Toronto 13
Vanstone, F.G., and Son Ltd.	126 Atlantic Ave., Toronto
Vascarb Tool & Die Company	105 Market St., Hamilton
Venco Metals Limited	347 Chuch St., Mimico
Victoria Engineering Company	347 Chuch St., Mimico
Viking Engine & Tool Company Limited	310 Bartlett Ave., Toronto
Wahl Mfg. Co. of Canada	111 Bathurst St., Toronto
Wales-Strippit of Canada Ltd.	344 Sherman Ave. N., Hamilton
Wallaceburg Tool & Mfg. Co. Ltd.	Wallaceburg
Warren Automatics	31 Lansdowne St., Peterborough
Wasco Valve Seat Co. Ltd.	Irwin and Gordon Sts., Essex
Weston Motor & Electric Co.	179 Main St. N., Weston
Waterloo Metal Stampings	3 Regina St. N., Waterloo
Welland Vale Mfg. Co. Ltd.	St. Catharines, Tillsonburg and Hamilton
Wheel Trueing Tool Co. of Canada, Ltd.	575 Langlois Ave., Windsor
Whitby Malleable Iron & Brass Co. Ltd.	Brock St., Whitby
Wickman, A.C., Canada Limited	The Queensway, Etobicoke
Wiens, W., Screw Machine Products	Queen Elizabeth Rd., Burlington
Wild, J.W., Co. Ltd.	240 Fleet St. E., Toronto
Windsor Tool & Die Ltd.	1680 Kildare Rd., Windsor
Wood, Fred, & Sons	135 Richmond St. W., Toronto
Wright Aluminum Co., Limited	2889 Dufferin St., Toronto
Wright, C.E., Company	Cross Ave., Oakville
Wright Industries Limited	37 McCaul St., Toronto
Wright Tool Co.	21 West Ave. N., Hamilton
Yale & Towne Mfg. Co. Ltd.	Yale Crescent, St. Catharines
Young, G.R., Engineering	29 Edgar Ave., Weston
Zettel Mfg.	170 Borden Ave. S., Kitchener
Manitoba:	
Card Bros. Mfg. Co.	1399 Erin St., Winnipeg
Craig Manufacturing Co. Ltd.	281 McDermot Ave., Winnipeg
Dyck, J.I., Mfg.	278 Kingsford Ave. N., Winnipeg
Klassen Brothers	421 Edison Ave. N., East Kildonan, Winnipeg
Kropp Tool & Die Works	1496 Alexander Ave., Winnipeg

List of Firms in the Hardware, Tools and Cutlery Industry, 1951—Concluded

Name	Address
Alberta:	
Barnard Tool & Die Works.....	512—15th Ave. W., Calgary
Carmel Tool Co.	11138—96th St., Edmonton
Harband Machine & Vise Works	Athabasca
Stamco Specialty Tool & Mfg. Co. Ltd.	10012—106th Ave., Edmonton
British Columbia:	
Balmer Bros.	828 Powell St., Vancouver
Dunn's Sharp Edge Service	112 Main St., Vancouver
Fox Specialties Ltd.	600 W. 6th Ave., Vancouver
Golightly Machine Works Limited.....	1820-5th St., Vancouver
Kennametal of Canada, Limited	1818 Blanchard St., Victoria
Metal & Wood Products, Ltd.	43 East 3rd Ave., Vancouver
Northern Engineering	505 Cardero St., Vancouver
Pacific Bolt Manufacturing Co. Ltd.	Granville Island, Vancouver
Shurly-Dietrich-Atkins Co. Ltd.	1642 Pandora St., Vancouver
Spear & Jackson (B.C.), Ltd.	Granville Island, Vancouver
Throwaway Bit Company Ltd.	1651 Franklin St., Vancouver
Viking Manufacturing Co. Ltd.	1671 East Hastings St., Vancouver





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