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Import Analysis

Analyse des importations

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ANALYSIS OF  
STAINLESS STEEL PIPES AND TUBES

JANUARY TO JUNE 1982

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Canada

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- REFERENCES:
- (1) Customs Tariff: Items 39700-1, 39700-2, 39705-1 and 39705-2
  - (2) Canadian International Trade Classification (Cat. #65-502E, Statistics Canada)
  - (3) Imports by Commodities (Cat. #65-007, Statistics Canada) Commodity Code 448-68

SECTION I

SCOPE OF ANALYSIS

This report is based on a detailed examination of documents covering imports of stainless steel pipes and tubes during the period January to June 1982 and included in Statistic Canada's import commodity code 448-68 "Stainless steel pipes and tubes, new, not elsewhere specified".

The documents examined were selected by a sampling technique as follows. All shipments were divided into four groups (strata). For each stratum the value and the proportion of shipments included in the sample is shown. Sampling in each strata was systematic from random starts.

<u>Stratum No.</u>	<u>Invoice Value</u> (\$)	<u>Sampling Ratio</u>
1	Statistics Canada Sampling (All Values)	Take all
2	4,000 and over	Take all
3	2,000 to 3,999	1 in 2
4	0 to 1,999	1 in 6

SECTION II

RECONCILIATION

The value reported in this analysis is based on selling price and does not correspond to official Statistics Canada figures for various reasons.

Reconciliation of the two total figures is explained as follows:

<u>Values accounted for</u>	<u>Value</u> <u>(\$,000)</u>
Documents which referred to products which should have been classified elsewhere	3,449
Documents not available for analysis	331
Total values analyzed in this report	18,690
	<hr/>
Total values accounted for as above	22,470
Total values published by Statistics Canada	22,513
Difference of Total Value is	43

Standard deviation of total value due to sampling is \$100,000. This is 0.5% of total value shown above. Therefore the difference of total value is due to sampling.

NOTE: Statistics Canada's figures are subject to revision; changes will be reflected in the normal way: i.e., "pink sheets", which are located in the front section of Catalogue #65-007

SECTION III

ANALYSIS OF IMPORTS

Imports of stainless steel pipes and tubes during the period January to June 1982 amounted to \$18,689,895, with tubes accounting for 54 per cent of the value of all shipments included in this analysis.

Apparently 68.4 per cent of the analyzed shipments are in Statistics Canada's terminology, "arms-length transactions".

Full details of the analysis are provided in the following tables.

NOTES: A.I.S.I. - American Iron and Steel Institute

N.S. - Not Specified

\* - Less than one per cent

(1) - Less than 4 importers

All percentage figures are rounded.

Dollar values shown are based on selling price F.O.B. plant, in Canadian dollars.

IMPORTS OF STAINLESS STEEL PIPES

JANUARY TO JUNE 1982

Nominal Size (Inches)	Quantity (100 feet)	Value (\$,000)	A.I.S.I. TYPE								PROCESS			IDENTIFICATION		REGION OF ENTRY			IMPORT MARKET CONCENTRATION Market Shares of Top 4 Importers
			304 (	304L -	316 %	316L of	Other 300 Series	400 Series	600 & 800 Series	NS )	Seamless	Welded	NS	Schedule (	% of	West of Ont.	East of Ont.	Ont. -	
1/8	19	3	30	2	65	3	-	-	-	-	16	84	-	40 80	97 3	-	100	-	100
1/4	192	31	17	1	16	44	21	-	-	1	42	55	3	10 40 80	2 93 5	29	58	13	81
3/8	100	22	54	2	1	39	5	-	-	-	8	87	5	40 80	72 28	38	62	-	90
1/2	957	275	24	7	46	19	3	1	-	*	28	71	1	5 10 40 80 160	8 4 72 16 *	42	34	24	73
3/4	869	280	26	20	27	21	6	-	-	*	43	56	*	5 10 40 80 160 Over 160	12 5 71 11 1 *	40	47	13	74
1	1,258	531	18	11	42	20	7	*	-	1	39	58	3	5 10 40 80 160 Over 160	13 15 59 12 1 *	46	36	18	78

IMPORTS OF STAINLESS STEEL PIPES (continued)

Nominal Size (Inches)	Quantity (100 feet)	Value (\$,000)	A.I.S.I. TYPE								PROCESS			IDENTIFICATION		REGION OF ENTRY			IMPORT MARKET CONCENTRATION Market Shares of Top 4 Importers
			304 (	304L -	316 %	316L of	Other 300 Series Quantity	400 Series	600 & 800 Series	NS )	Seamless	Welded	NS	Schedule (	% of Qty. %	West of Ont. Quantity	East of Ont. Ont.	Ont. -	
1-1/4	388	175	28	12	34	11	14	-	-	1	29	71	-	5 10 40 80 Over 160	17 13 67 3 *	46	33	21	85
1-1/2	705	477	31	12	31	21	3	1	-	1	35	64	1	5 10 40 80 160 Over 160	13 25 45 17 * *	39	46	15	71
2	1,228	941	39	17	22	12	6	-	-	4	31	68	1	5 10 40 80 160 Over 160	17 23 45 14 1 *	40	46	14	74
2-1/2	120	166	36	12	39	13	*	-	-	-	29	60	11	5 10 20 40 80 160 Over 160	* 33 2 53 10 1 1	15	63	22	79
3	501	782	25	30	18	23	4	-	-	1	55	41	4	5 10 40 80 160 Over 160	4 34 50 11 1 *	39	49	12	60

IMPORTS OF STAINLESS STEEL PIPES (continued)

Nominal Size (Inches)	Quantity (100 feet)	Value (\$,000)	A.I.S.I. TYPE								PROCESS			IDENTIFICATION		REGION OF ENTRY			IMPORT MARKET CONCENTRATION Market Shares of Top 4 Importers
			304 (	304L -	316 %	316L of	Other 300 Series Quantity	400 Series	600 & 800 Series	NS )	Seamless	Welded	NS	Schedule (	% of Qty. %	West of Ont. Quantity	East of Ont. Quantity	East of Ont. Quantity	
3-1/2	44	63	71	-	28	1	1	-	-	-	12	80	8	5 10 40 80	13 9 69 9	19	67	14	80
4	456	1,286	42	24	12	15	6	1	-	*	67	32	1	Under 5 5 10 40 80 160 Over 160	11 * 25 46 9 5 4	36	45	19	60
5	34	174	44	6	18	9	24	-	-	-	38	59	3	10 40 80 120 Over 160	23 48 3 24 2	15	62	23	76
6	256	1,044	32	27	12	14	13	-	-	2	37	61	2	5 10 40 80 120 160 -	2 44 38 3 6 2 5	33	55	12	63
8	89	583	34	24	24	14	3	-	-	1	20	79	1	5 10 20 40 60 80 100 160	1 46 17 23 2 5 3 3	27	54	19	81

IMPORTS OF STAINLESS STEEL PIPES (continued)

Nominal Size (inches)	Quantity (100 feet)	Value (\$,000)	A.I.S.I. TYPE								PROCESS			IDENTIFICATION		REGION OF ENTRY			IMPORT MARKET CONCENTRATION Market Shares of Top 4 Importers
			304	304L	316	316L	Other 300 Series	400 Series	600 & 800 Series	NS	Seamless	Welded	NS	Schedule	% of Qty. of	West of Ont. Quantity	East of Ont. Quantity	Ont. Quantity	
10	34	304	42	31	11	5	11	-	-	1	9	91	*	5 10 20 40 60 80	1 26 12 52 8 2	30	58	12	85
12	28	374	44	4	15	11	26	-	-	*	14	81	5	5 10 20 40 80 160 -	1 41 4 38 11 * 5	34	65	1	82
14	10	115	20	50	-	20	-	-	-	10	2	98	-	10 20 30 40 80 160	49 6 18 25 * 2	21	46	33	90
16	7	180	43	57	*	*	-	-	-	-	5	79	16	10 30 40 60 80 160 Over 160	39 15 23 14 3 2 4	5	80	15	99
18	8	133	38	25	13	13	13	-	-	-	-	100	-	10 40 -	64 31 5	32	68	-	93

IMPORTS OF STAINLESS STEEL PIPES (continued)

Nominal Size (Inches)	Quantity (100 feet)	Value (\$,000)	A.I.S.I. TYPE							PROCESS			IDENTIFICATION		REGION OF ENTRY			IMPORT MARKET CONCENTRATION Market Shares of Top 4 Importers	
			304 (	304L -	316 %	316L of	Other 300 Series Quantity	400 Series	600 & 800 Series	NS )	Seamless	Welded	NS	Schedule (	% of Qty. % of	West of Ont. Quantity	East of Ont. -		East of Ont. -)
20	6	83	* 100	-	-	-	-	-	-	-	100	-	10 20 30 80	68 4 15 13	9	90	1	99	
24, 30 & 36	8	278	39	18	-	32	12	-	-	-	6	94	-	10 40 60 160 -	44 42 1 6 7	15	84	1	99
Size Not known:	98	134	61	9	-	24	-	-	-	6	22	72	6	40 80 -	3 * 97	37	62	1	95
<b>TOTAL</b>	<b>7,415</b>	<b>8,434</b>																	
Quantity Not known	-	143	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

IMPORTS OF STAINLESS STEEL TUBES

JANUARY TO JUNE 1982

ROUND Size O.D. (inches)	Wall Thickness (inches)	Quantity (100 feet)	Value (\$,000)	A.I.S.I. TYPE								PROCESS			REGION OF ENTRY			IMPORT MARKET CONCENTRATION Market Shares of Top 4 Importers
				304	304L	316	316L	Other 300	Series 400	Series 600 & 800	Series NS	Seamless	Welded	NS	West of Ont.	Ont.	East of Ont.	
Up to 1/4	.002 to .083	10,902	885	46	1	41	-	1	-	1	10	64	29	7	36	54	10	56
Over 1/4 to 1/2	.020 to .120	17,649	1,697	26	13	50	*	2	-	-	9	82	9	9	31	38	30	61
Over 1/2 to 3/4	.028 to .120	6,588	846	50	1	15	15	*	10	-	8	23	59	18	27	62	11	36
Over 3/4 to 1	.023 to .187	7,197	959	79	1	2	*	8	6	-	4	16	70	14	50	42	8	60
Over 1 to 1-1/4	.035 to .157	2,470	449	75	-	3	1	2	2	-	17	10	68	22	29	37	34	56
Over 1-1/4 to 1-1/2	.035 to .376	1,804	469	48	16	3	-	23	-	-	10	47	28	25	6	48	46	75
Over 1-1/2 to 1-3/4	.049 to .376	723	227	99	-	*	-	1	-	-	-	2	41	57	14	56	29	84
Over 1-3/4 to 2	.016 to .500	3,195	944	93	*	2	1	3	-	-	1	9	46	45	3	83	14	51
Over 2 to 2-1/4	.065 to .550	139	247	1	-	2	-	87	4	-	6	88	2	10	-	13	87	99
Over 2-1/4 to 2-1/2	.016 to .610	567	843	37	-	*	-	30	1	-	32	32	47	21	32	38	30	65
Over 2-1/2 to 3	.016 to .690	640	818	87	-	2	1	10	-	-	-	15	35	50	4	80	16	69
Over 3 to 3-1/2	.059 to .790	109	170	47	-	32	6	-	-	-	15	47	49	4	22	32	46	81
Over 3-1/2 to 4	.062 to .885	246	276	54	3	4	*	26	-	-	13	6	65	29	*	96	4	87
Over 4 to 4-1/2	.435 to .985	5	29	8	-	57	-	35	-	-	-	100	-	-	-	78	22	(1)
Over 4-1/2 to 5	.083 to 1.93	14	67	34	4	16	-	-	-	-	46	53	34	13	4	88	8	93
Over 5 to 5-1/2	.500 to 1.20	3	30	64	-	36	-	-	-	-	-	100	-	-	-	47	53	(1)
Over 5-1/2 to 6	.083 to 1.38	65	354	25	-	4	*	50	-	-	21	69	4	27	37	13	51	91
Over 6	.065 to 1.69	33	306	1	12	42	-	37	-	-	8	94	2	4	1	64	34	85
TOTAL - ROUND		52,349	9,616															
Quantity Not Known		-	51															

IMPORTS OF STAINLESS STEEL TUBES (continued)

SQUARE	Size O.D. (Inches)	Wall Thickness (Inches)	Quantity (100 feet)	Value (\$,000)	A.I.S.I. TYPE							PROCESS			REGION OF ENTRY			IMPORT MARKET CONCENTRATION Market Shares of Top 4 Importers	
					304	304L	316	316L	Other 300 Series	400 Series	600 & 800 Series	NS	Seamless	Welded	NS	West of Ont.	East of Ont.		East of Ont.
					(	-	% of	Quantity	-	-	-	(	-	% of	Quantity	-	-	)	
	Over 1/4 to 3/4	.049 to .065	191	15	100	-	-	-	-	-	-	-	72	28	14	86	-	(1)	
	Over 3/4 to 1	.049 to .065	433	53	91	-	-	-	-	-	9	9	55	36	15	62	23	89	
	Over 1 to 1-1/4	.049 to .065	219	32	82	-	-	-	-	-	18	-	47	53	37	23	40	100	
	Over 1-1/4 to 1-1/2	.049 to .120	595	104	100	-	-	-	-	-	-	-	95	5	36	25	39	98	
	Over 1-3/4 to 2	.065 to .188	165	51	89	-	-	-	-	-	11	-	84	16	7	49	44	92	
	Over 2-1/4 to 4	.065 to .109	43	28	95	-	5	-	-	-	-	-	95	5	7	93	*	99	
TOTAL - SQUARE			1,646	283															
RECTANGULAR																			
	Over 3/4 to 3	.049 to .120	682	148	71	-	-	-	-	29	-	-	82	18	62	38	-	99	
	Over 5-1/2	.375	1	15	-	-	100	-	-	-	-	-	100	-	-	100	-	(1)	
TOTAL - RECTANGULAR			683	163															
GRAND TOTAL			54,678	10,113															

SECTION IV

SAMPLING AND ESTIMATES

Accuracy of Results

Since some of the shipments were selected using random sampling, figures in the tables do not correspond exactly to the results which would have been obtained if all shipments had been examined. The range of error depends on such factors as the number of shipments examined, their similarity or otherwise, etc.

The following summary shows the probable range of error for various amounts shown in the tables.

Stainless Steel Pipes  
Quantity in Table (100 feet)

7,415 (Total Pipes - Page 10)	0.7%
250 to 1,500	2%
50 to 250	2 to 5%
10 to 50	5 to 20%
Under 10	20% or more

Typical relative  
Standard Deviation

Stainless Steel Tubes  
Quantity in Table (100 feet)

54,678 (Total Tubes - Page 12)	0.8%
10,000 to 30,000	1/2 to 2%
1,400 to 10,000	2 to 5%
500 to 1,400	3 to 15%
Under 10	15% or more

Typical relative  
Standard Deviation

In most cases (two-thirds or more) the true result will be within plus or minus one relative standard deviation of the quantity shown in the tables. In rare cases (less than one in 20) the true quantity will be more than two relative standard deviations from the table quantity.

SECTION V

FOREIGN EXPORTERS TO CANADA

MAJOR EXPORTERS OF PIPE

Major exporters of stainless steel pipe for the period January to June 1982 accounted for 88 per cent of the value analyzed in Section III. The remaining 12 per cent is from exporters with values of less than one per cent each.

<u>NAME</u>	<u>ADDRESS</u>	<u>Value</u> <u>(\$,000)</u>
Sammisa Co. Ltd.	Seoul	South Korea 1,064
Sumitomo Corp.	Tokyo	Japan 801
Swepco Tube Int'l Inc.	Clifton, NJ	USA 713
Albert International Corp.	Brooklyn, NY	USA 656
Toyo Menka Kaisha Ltd.	Tokyo	Japan 615
Sandvik A.B.	Sandviken	Sweden 499
Alaskan Copper & Brass Co.	Portland, OR	USA )
	Houston, TX	USA ) 392
Vereinigte Edelstahlwerke GB	Vienna	Austria 262
Nissho-Iwai Co. Ltd.	Tokyo	Japan 215
Pechiney Ugine Kuhlmann	Tokyo	Japan 207
Damascu Tube	Greenville, PA	USA 204
Ayesta-Johnson Tube BV	Vossenbeemd	Netherlands 193
The Youngstown Welding & Engineering Co.	Youngstown, OH	USA 177
Guyon Alloys Export Corp.	Harrison, NJ	USA 163
Mannesmann International Alloy	Sugar Land, TX	USA 159
Trent Tube Div., Crucible Inc.	East Troy, WI	USA 152
American Econo-Therm Heater Corp.	Houston, TX	USA 138
Union Mex S.A. Del C.V.		Mexico 136
Babcock and Wilcox Co.	Beaver Falls, PA	USA 114
Tube Sales	Carol Stream, IL	USA )
	Cranbury, NJ	USA )
	Rochester, NY	USA ) 101
	Fullerton, CA	USA )
Kamyrr Installations	Glen Falls, NY	USA 101
Thymin Steel Co. Inc.	Long Island City, NY	USA 99
Marmon/Keystone Corp. (Auburn W.)	Butler, PA	USA 99
Transamerica Delaval Inc.	Trenton, NJ	USA 99
Rolled Alloys Inter'l Inc.	Temperance, MI	USA 97
Tioga Pipe Supply Co. Inc.	Philadelphia, PA	USA 96

MAJOR EXPORTERS OF TUBE

Major exporters of stainless steel tube for the period January to June 1982 accounted for 80 per cent of the value analyzed in Section III. The remaining 20 per cent is from exporters with values of less than one per cent each.

<u>NAME</u>	<u>ADDRESS</u>	<u>Value</u> <u>(\$,000)</u>
Sandvik A.B.	Sandviken	Sweden 1,344
Vereinigte Deutsche Metallwerke AG		W.Germany 698
Acme Tube Inc.	Sommerset, NY	USA )
	Doraville, GA	USA ) 653
Babcock and Wilcox Co.	Beaver Falls, PA	USA 499
T.I. Export Ltd.	Birmingham	UK 466
Combustion Engineering Inc.	Chattanooga, IN	USA 354
Mannesmann-Edelstahl GMBH	Solingen	W.Germany 341
Rath Manufacturing Co. Inc.	Janesville, WI	USA 325
Plymouth Tube Co.	Dunkirk, NY	USA 310
Trent Tube Div.,Crucible Inc.	East Troy, WI	USA 297
Toyo Menka Kaisha Ltd.	Tokyo	Japan 291
Allegheny Ludlum Steel Corp.	Wallinford, CT	USA 285
Stainless Tube Corp.	Piscataway, NJ	USA 276
Carpenter Technology Corp	Union, NY	USA 208
Rolled Alloys Inter'l Inc.	Temperance, MI	USA 204
Vereinigte Edelstahlwerke GB	Vienna	Austria 199
Tube Sales	Carol Stream, IL	USA )
	Cranbury, NJ	USA )
	Rochester, NY	USA ) 182
	Fullerton, CA	USA )
United Industries Inc.	Beloit, WI	USA 160
Greenville Tube Corp.	Clarksville, AR	USA 157
Kinsho Mataichi Corp.	Tokyo	Japan 126
Marmon/Keystone Corp.(Auburn W.)	Butler, PA	USA 125
Ayesta-Johnson Tube BV	Vossenbeemd	Netherland 121
Oklahoma Tubular Prod. Div.	Claremore, OK	USA 119
Western Pneumatic Tube Inter'l Inc.	Kirkland, WA	USA 110
Armco, Inc.	Wildwood, FL	USA 107
Tube Manufacturing Co. Inc.	Bridgewater, NY	USA 102

SECTION VI

IMPORT TRENDS

Imports of stainless steel pipes and tubes, new, n.e.s., Import Commodity Code 448-68, by major country of export.

Calendar Years 1976-1981

Country of Export	1976		1977		1978		1979		1980		1981		% GROWTH P.A. 1976-1981	
	Short Tons	\$,000	Qty.	Value										
U.K.	530	1,618	391	1,147	114	402	104	426	72	448	195	702	- 18	- 15
Sweden	938	4,906	625	2,558	966	4,377	822	4,901	576	3,301	645	3,795	- 7	- 5
Japan	2,352	5,775	3,521	12,433	2,637	7,980	592	2,160	837	3,337	2,838	5,278	+ 4	- 2
U.S.A.	2,759	9,004	3,170	10,983	3,010	11,135	4,387	17,413	4,599	22,692	6,026	27,932	+ 17	+ 25
Other	125	270	367	637	172	660	431	1,864	864	5,229	1,188	6,880	+ 57	+ 90
TOTAL	6,704	21,574	8,074	27,759	6,899	24,554	6,336	26,765	6,948	35,007	10,892	44,584	+ 10	+ 16

Period January to June 1977-1982

Country of Export	1977		1978		1979		1980		1981		1982		% GROWTH P.A. 1977-1982	
	Short Tons	\$,000	Qty.	Value										
U.K.	197	521	60	205	76	312	40	210	91	271	107	788	-11	+ 9
Sweden	299	1,235	488	2,055	499	2,761	220	1,667	387	1,504	334	1,937	+ 2	+ 9
Japan	2,507	9,583	1,730	4,852	141	687	369	1,688	338	1,544	508	2,445	- 27	- 24
U.S.A.	1,490	4,963	1,314	4,897	1,800	7,159	2,419	11,697	2,806	12,716	3,514	13,481	+ 19	+ 22
Other	229	358	66	253	135	528	394	2,226	336	1,924	691	3,860	+ 25	+ 60
TOTAL	4,722	16,660	3,658	12,263	2,651	11,448	3,442	17,489	3,958	17,959	5,154	22,513	+ 2	+ 6

NOTE: Figures may not add due to rounding.

SOURCE: Statistics Canada

SECTION VII

CANADIAN AND FOREIGN TARIFFS

CANADA

Stainless steel pipes and tubes included in this analysis were dutiable under the following most commonly applied tariff items.

<u>Tariff Item</u>	<u>Description</u>	<u>British Preferential Tariff</u>	<u>Most Favoured Nation Tariff</u>	<u>General Tariff</u>	<u>General Preferential Tariff</u>	<u>U.K. &amp; Ireland</u>
	Pipes or tubes of iron or steel, n.o.p., with plain or processed ends, whether or not coated or lined:					
39700-1	Alloy .....	12.5%	16.6%	30%	11%	12.5%
39700-2	Other .....	12.5%	16.3%	30%	10.5%	12.5%
	Pipes or tubes of iron or steel, with plain or processed ends, seamless, cold-drawn.					
39705-1	Alloy .....	Free	4.9%	10%	Free	4.5%
39705-2	Other .....	Free	4.8%	10%	Free	4%

Tariff items and rates of duty are subject to change, and need to be verified by direct reference to:

Customs Programs Branch, Secretariat  
Department of National Revenue  
Customs and Excise  
Ottawa, Ontario  
K1A 0L5

FOREIGN COUNTRIES

Inquiries concerning tariffs and other government trade regulations in foreign countries should be directed to:

International Bureaux  
Department of Industry, Trade and Commerce  
Ottawa, Ontario  
K1A 0H5