

MONTHLY REPORT ON THE STATUS OF THE STEEL INDUSTRY

Report to the Subcommittee on
Trade, Committee on Ways
and Means, on Investigation
No. 332-226 Under Section
332 of the Tariff Act
of 1930

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PIPE AND TUBE PRODUCTS

Foreign Trade

At the time the program of steel Voluntary Restraint Agreements (VRAs) was instituted in 1984, imports of pipe and tube products represented about 57 percent of domestic apparent consumption. Following the implementation of VRAs, however, imports of most types of tubular products declined, with total pipe and tube imports reaching their lowest level in 1987 at 2.7 million tons (44.8 percent of apparent consumption).

Although total imports have declined during the period of the VRAs, several countries, most of which are not signatories to a VRA, have emerged as significant sources of pipes and tube products (see tabulation).

<u>Country</u>	<u>Imports (net tons)</u>	
	<u>1984</u>	<u>1988</u>
People's Republic of China <u>1/</u>	834	18,422
Chile	109	22,048
Malaysia	0	22,879
Singapore	17,834	47,545
Argentina	49,156	148,192
Thailand	33,699	148,259

Several of these sources do not have steel melting facilities but instead purchase flat-rolled steel stock from countries subject to VRA agreements. U.S. trade negotiators reportedly have held discussions with the government of at least one such country in an effort to reach some agreement with respect to levels of pipe and tube exports.

Market Trends

Throughout the VRA period, domestic apparent consumption of pipes and tubes declined, largely as a result of a soft energy market (figure A), which accounts for approximately 40 percent of domestic shipments. In 1984, for example, a total of 84,983 wells were completed; 2/ in 1987, the figure had fallen 58 percent to 35,487 wells.

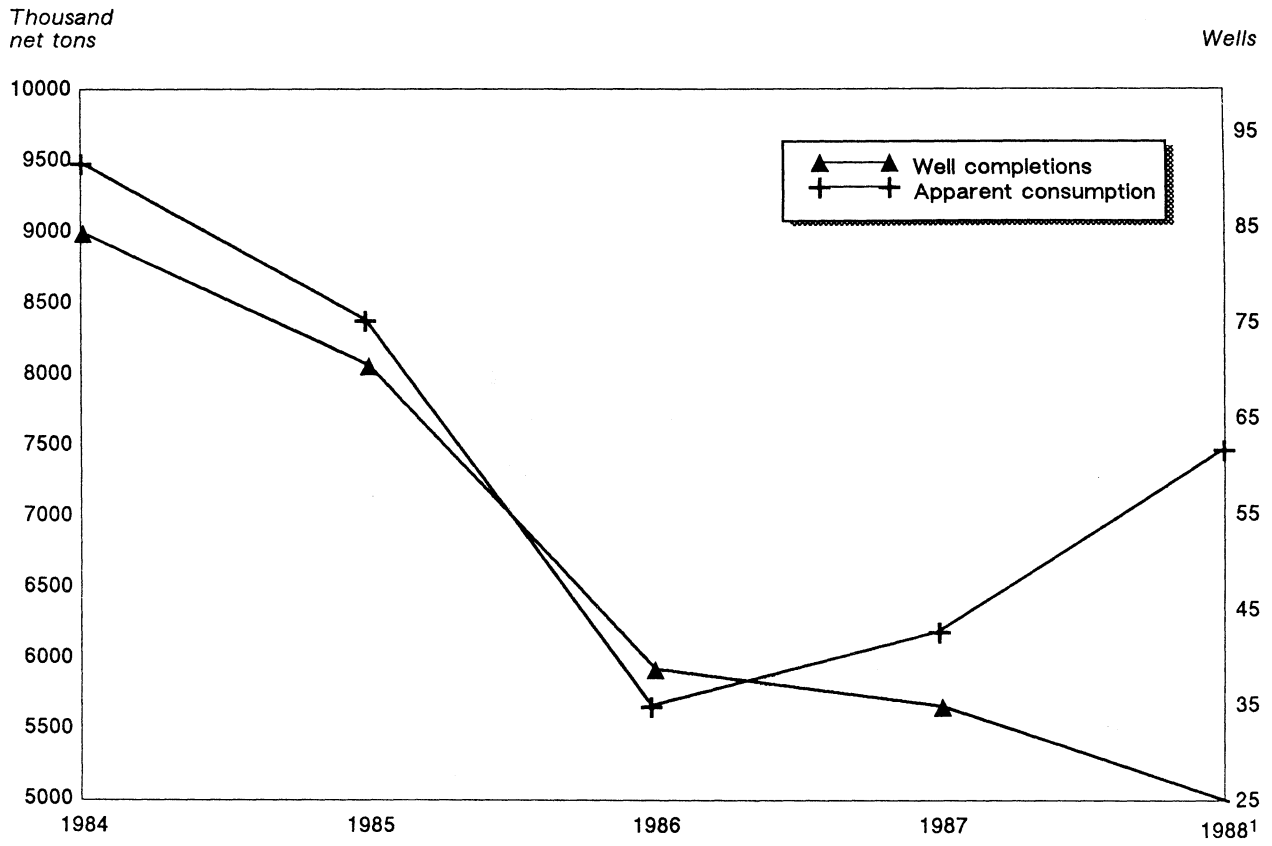
Despite continued declines in well completions during 1988, however, both domestic consumption and imports rose (up 21 percent and 18 percent respectively over 1987), due in part to inventory building and rejuvenation of certain end markets, such as agricultural equipment. Nevertheless, imports as a percent of apparent consumption continued to decline in 1988 to 43.9 percent.

Karen Laney-Cummings
252-1431

1/VRA signatory.

2/ Reprint of "IPAA Supply and Demand Outlook", published in Pipeline, February, 1989. Total figure includes oil, gas, and dry wells.

Figure A
U.S. well completions and apparent consumption of pipe and tube products, 1984-88



¹ First nine months of 1988.

Source: American Iron and Steel Institute, U.S. Department of Commerce, *Pipeline*, February 1989.

Monthly Summary
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Preface

On April 9, 1986, at the request of the Subcommittee on Trade, Committee on Ways and Means, U.S. House of Representatives, and in accordance with the provisions of section 332(b) of the Tariff Act of 1930 (19 U.S.C. 1332(b)), the United States International Trade Commission instituted investigation No. 332-226, Monthly Reports on the Status of the Steel Industry. The purpose of the reports is to monitor developments in the steel industry through September 1989, which corresponds with the President's program of voluntary restraint arrangements (VRA's) with certain countries and regions which export steel to the United States.

Background of VRA's

On September 18, 1984, the President determined, under section 202(b)(1) of the Trade Act of 1974, that taking "escape clause" action was not in the national economic interest (49 Federal Register 36813). The decision followed an investigation conducted by the Commission in which imports of certain steel products ^{1/} were found to be a substantial cause of serious injury, or threat thereof, to certain domestic industries (investigation No. TA-201-51). Instead of taking action under the statute, the President established a nine-point policy to address the concerns of the industry. Under this policy, the President directed the United States Trade Representative to negotiate voluntary restraint arrangements to cover a five year period (from October 1, 1984 through September 30, 1989) with countries whose exports to the United States had increased significantly in recent years due to an unfair surge in imports. These measures were expected to return the share of imports in the U.S. market to a more normal level of approximately 18.5 percent, excluding semifinished steel (which, subsequent Administration statements indicate, would be limited to about 1.7 million tons per year).

Specialty steel

On July 19, 1983, the President announced his decision to grant import relief to the specialty steel industry for a period of 4 years (53 Federal Register 52897). The relief was scheduled to expire on July 19, 1987. Under the relief, quotas were put on imports of stainless steel bars, stainless steel wire rods, and certain alloy tool steel products; increased duties were imposed on stainless steel plates and stainless steel sheets and strip. On July 16, 1987, the President announced his decision to extend the import relief in the form currently in effect for a period from July 20, 1987 through September 30, 1989. Under the steel VRA's, in return for their agreement to limit exports of stainless steel plates and sheets and strip, the VRA countries were exempted

^{1/} Affirmative decisions were rendered in the case of semifinished steel, plates, sheets and strip, wire and wire products, and structural shapes and units. Negative determinations were rendered in the case of wire rod, railway type products, bars, and pipes and tubes.

from having to pay additional duties (with the exception of Finland, whose VRA does not include stainless steel flat-rolled products); quotas were unaffected by the VRA's for all countries except the EC-10, which negotiated limits on rods, bars, and alloy tool steel as part of its VRA, Brazil whose VRA now includes the specialty steel products subject to quotas, and Austria, which included alloy tool steel in its VRA.

In this report trade data are reported in a similar format for all product categories; in the case of stainless steel bars, stainless steel rods, and certain alloy tool steel products, however, it should be noted that, except for the EC-10 and Austria, all countries are bound by quotas (see App. C for a description of the specialty steel relief provisions and implementation of modifications in specialty steel import relief).

Current Status of VRA's

To date VRA's have been negotiated with 19 countries and the EC (excluding Portugal and Spain, which negotiated separate agreements). The agreements have taken the form of market share arrangements and quotas, or a combination thereof. The agreements are tailored to each country, with considerable variation in the number of individual product categories subject to limitation. Following is a list of countries subject to the VRA's and estimates of their respective overall limitations on a market share basis.

Countries Subject to VRA's

<u>Market share agreements:</u>	<u>Overall 1989 import share 1/ (% of U.S. apparent consumption)</u>
Australia	0.19
Austria	0.16
Brazil	1.09
EC	4.4
Finland	0.17
Japan	6.8
Mexico	0.31
South Africa 2/	0.0
South Korea	2.2
Spain	0.52

Quota level for 1989 in short tons and as a
share of apparent U.S. consumption

<u>Quota agreements</u>	<u>(estimated) 3/</u>	
	(Short tons)	(Percent)
Czechoslovakia	29,338	0.03
East Germany	82,500	0.09
Hungary	25,500	0.03
Poland	69,373	0.07
Portugal	20,000	0.02
Romania	76,426	0.08
Trinidad and Tobago	43,984	0.05
Venezuela	130,334	4/ 0.10
Yugoslavia	18,900	0.02
People's Republic of China	57,000	0.06

Semifinished steel agreements Quota level for 1989 (short tons)

Australia	37,500
Brazil	525,000
EC	502,500
Finland	11,250
Japan	75,000
Mexico	75,000
South Africa 2/	0
South Korea	37,500
Spain	37,500
Venezuela	30,000

1/ Including semifinished steel for all countries. Estimates based on first 9 months of 1989.

2/ Steel imports from South Africa are reduced by the Comprehensive Anti-Apartheid Act of 1986 which embargoes certain steel products.

3/ Including semifinished steel, except as noted. Estimates based on first 9 months of 1989.

4/ Excluding semifinished steel.

5/ No more than 461,250 net tons may be slab.

Structure of the Report

- o Monthly Summary provides perspective on imports and trade by highlighting specific products, countries, or customs areas. The inclusion of such insights, which may not be readily apparent from the report's tabulated data, are intended to focus attention on important events in the steel industry. An index of subjects addressed in the summaries may be found on page iii.
- o Table 1 provides data on key items, including raw steel production, capability utilization, employment, wages, shipments, trade, and financial performance.
- o Tables 2-6 provide data on shipments, imports, exports, apparent consumption, and imports as a percent of apparent consumption by major product for all grades of steel, plus carbon and specialty products separately.
- o Table 7 provides quantity and value data on imports of total steel mill products and certain fabricated products. The EC and each VRA country are specified, as are the top 10 non-VRA suppliers.
- o Table 8 provides data on the quantity of steel other than semifinished steel, which is being imported from the EC, each VRA country, and the top non-VRA suppliers, and the market penetration of each country. The table can be used to measure the extent to which penetration is approaching the levels anticipated under the President's steel policy.
- o Table 9 provides data on the quantity of semifinished steel imported from the EC, each VRA country, and the top non-VRA suppliers, and presents the 1986 semifinished import restraint level of each VRA country.
- o Tables 10-29 provide data on the quantity and value of major carbon and specialty steel imports on a product-by-product basis. The EC, each VRA country, and the top non-VRA suppliers are specified.
- o Table 30 provides data on the unit values of selected imports of carbon and specialty steel products.
- o Table 31 provides data on imports of selected carbon and specialty steel products. The table also provides information which permits an examination of the extent to which shifts in product mix within major product categories is occurring.
- o Tables 32-37 provide data on imports of steel mill products and certain fabricated products, by U.S. customs area.

Notes on Product Coverage and Methodology

Data on foreign trade imports and exports and domestic shipments are compiled from official statistics of the U.S. Department of Commerce, and statistics of the American Iron and Steel Institute (AISI), respectively.

The products on which foreign trade data are collected correspond to those covered by the VRA's with the stainless steel wire strand (HS item 7312.10.0500), stainless steel wire rope (HS item 7312.10.5000)., and those subject to limitation under separate specialty steel measures. Since the VRA's include certain fabricated products, the data may exceed that compiled by other organizations such as the AISI. The additional tonnage, however, is relatively small. In 1987 AISI reported imports of 20.4 million tons, which compares to the 20.9 million tons indicated in this report. The product categories most affected are structural shapes and units (which includes fabricated structurals in this report) and wire and wire products (which includes wire rope and wire strand).

The term EC in this report does not include Portugal and Spain, which are subject to separate VRA's.

Unit values are calculated using unrounded data. Import values are customs value. Trade data include imports under sections 9802.0060 and 9802.0080 of the Harmonized Tariff Schedules; the 9802.0060 and 9802.0080 provisions apply to U.S. merchandise which is exported, processed, and reimported into the United States.

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Table 1.—Steel: U.S. raw steel production, capability utilization, employment, wages, shipments, imports, exports, apparent consumption, net sales 1983-87 and specified periods 1988 and 1989

Item	1984	1985	1986	1987	1988	January	
						1988	1989
Raw steel:							
Production (1,000 short tons).....	92,528	88,259	81,606	88,472	99,328	8,300	8,729
Capability utilization (percent).....	68.4	66.1	63.8	78.9	88.7	88.2	88.1
Continuously cast (percent).....	39.6	44.4	55.2	52.5	60.5	59.5	63.1
Employment:							
Total (thousands).....	236	208	175	163	169	169	166
Receiving wages (thousands).....	171	151	128	121	125	125	122
Hourly employment cost ^{1/} (dollars).....	21.30	22.81	23.5	23.70	24.65	24.21	24.49
Steel:							
Shipments (1,000 short tons).....	73,740	73,043	64,947	76,473	83,815	6,608	7,278
Imports (1,000 short tons).....	26,705	24,885	21,289	20,938	21,869	1,904	1,844
Exports (1,000 short tons).....	1,081	992	980	1,176	2,152	94	268
Apparent consumption (1,000 short tons)....	99,363	96,591	90,026	95,759	103,532	8,418	8,855
Ratio of imports to consumption (percent)...	26.9	25.8	23.6	21.3	21.1	22.6	20.8
Financial:							
All operations:							
Net sales (million dollars).....	53,619	53,651	41,912	3/ 32,314	4/	4/	4/
Net income (million dollars).....	(301)	(1,210)	(6,094)	3/ 1,121	4/	4/	4/
Ratio of net sales to income (percent)...	(0.6)	(2.3)	(14.5)	3/ 3.7	4/	4/	4/
Steel operations:							
Net steel sales (million dollars).....	30,132	29,473	24,891	19,752	3/	4/	4/
Net steel income (million dollars).....	(186)	(1,743)	(4,203)	988	3/	4/	4/
Ratio of net sales to income (percent)...	(0.6)	(5.9)	(16.9)	5	3/	4/	4/

^{1/} Preliminary.
^{2/} Total employment costs (including benefits) of employees receiving wages.

^{3/} January-September.

^{4/} Not available.

Source: Compiled from data of the American Iron & Steel Institute and official statistics of the U.S. Department of Commerce.

Table 2.--Steel mill products and certain fabricated steel products: U.S. producers shipments, by product and grade of steel, 1984-1988, and by specified periods, 1988 and 1989

(Short tons)

Item	1984-1988					1988		1989	
	1984	1985	1986	1987	1988	1988	1989		
All grades of steel:									
Semifinished--	1,306,044	1,374,524	1,388,649	2,095,599	1,746,267	237,008	216,343		
Plate	4,338,993	4,327,347	3,531,806	4,065,183	7,361,445	592,592	600,943		
Sheet and strip	40,878,749	40,850,298	40,055,641	43,288,266	44,707,915	3,480,887	3,864,663		
Bars & certain shapes 1/2	13,232,473	12,667,539	12,101,642	12,937,033	14,618,068	1,030,439	1,325,846		
Wire rod	3,090,036	2,961,769	3,493,632	3,838,788	4,044,688	332,403	334,123		
Wire	962,726	874,135	797,859	786,963	1,072,698	88,485	86,624		
Wire products	259,616	262,268	278,068	304,761	3/	3/	3/		
Structural shapes & units	4,156,233	4,698,305	4,815,432	5,081,809	5,313,459	445,095	503,526		
Rails & related products	1,238,900	931,313	647,697	504,561	507,278	38,383	44,000		
Pipe and tube	4,275,759	4,095,825	2,836,458	3,569,647	4,443,251	363,165	302,165		
Total	73,739,529	73,043,323	69,946,884	76,472,610	83,815,069	6,608,457	7,278,233		
Carbon and certain alloy 2/ steel:									
Semifinished--	1,266,364	1,327,766	1,339,062	2,018,535	1,828,600	231,550	206,818		
Plate	4,223,128	4,185,883	3,415,947	3,906,102	7,178,573	578,568	583,971		
Sheet and strip	40,058,979	40,018,167	39,256,239	42,347,623	43,663,695	3,390,244	3,769,015		
Bars & certain shapes	13,031,564	12,478,002	11,926,843	12,753,157	14,414,095	1,013,903	1,308,569		
Wire rod	3,038,112	2,931,897	3,457,233	3,791,034	3,986,930	327,281	330,371		
Wire	933,382	851,841	773,204	760,229	1,043,112	86,346	83,835		
Wire products	259,616	262,268	278,068	304,761	3/	3/	3/		
Structural shapes & units	4,156,233	4,698,305	4,815,432	5,081,809	5,313,459	445,095	503,526		
Rails & related products	1,238,900	931,313	647,697	504,561	507,278	38,383	44,000		
Pipe and tube	4,224,071	4,046,771	2,794,218	3,527,867	4,387,761	358,784	297,661		
Total	72,430,349	71,732,213	68,703,943	74,995,678	82,323,503	6,470,154	7,127,766		
Stainless & alloy tool steel:									
Semifinished--	39,680	46,758	49,587	77,064	79,953	5,458	9,525		
Plate	115,865	141,464	115,859	159,081	182,872	14,024	16,972		
Sheet and strip	819,770	832,131	799,402	940,643	1,044,220	90,643	95,648		
Bars & certain shapes	139,980	129,267	119,024	125,441	139,696	11,306	11,911		
Wire rod	51,924	29,872	36,399	47,754	57,758	5,122	3,752		
Wire	29,344	22,294	26,655	26,734	29,586	2,139	2,789		
Pipe and tube	51,688	49,054	42,240	41,780	55,490	4,381	4,504		
Tool steel (all forms)	60,929	60,270	55,775	58,435	64,277	5,230	5,366		
Total	1,309,180	1,311,110	1,242,941	1,476,932	1,653,852	138,303	150,467		

1/ Includes tool steel.

2/ Certain alloy refers to alloy steel other than stainless or tool steel.

3/ Shipment and apparent consumption data for wire and wire products have been combined and are reported in the category designated "Wire".

Source: Compiled from data of the American Iron & Steel Institute.

Table 3.--Steel mill products and certain fabricated steel products: U.S. imports, by product and grade of steel, 1984-1988, and by specified periods, 1988 and 1989

(Short tons)

Item	January				
	1984	1985	1986	1987	1988
All grades of steel:					
Semifinished	1,632,065	2,440,368	2,084,322	2,288,995	2,844,979
Plate	1,782,050	1,772,309	1,456,790	1,566,694	1,872,937
Sheet and strip	10,332,032	9,046,089	8,278,604	7,875,891	7,303,964
Bars & certain shapes 1/	1,722,313	1,550,559	1,476,368	1,359,758	1,445,932
Wire rod	1,589,788	1,476,145	1,362,753	1,467,030	1,493,833
Wire	671,829	612,485	582,022	555,981	540,380
Wire products	738,680	674,960	636,591	649,377	572,451
Structural shapes & units	2,432,694	2,440,403	2,179,657	2,153,669	2,188,467
Rails & related products	373,890	382,046	275,710	245,988	319,432
Pipe and tube	5,429,839	4,489,287	2,956,303	2,775,091	3,286,690
Total	26,705,180	24,884,651	21,289,120	20,938,474	21,869,065
Carbon & certain alloy 2/					
Semifinished	1,618,365	2,430,078	2,066,700	2,232,270	2,782,572
Plate	1,774,614	1,760,812	1,440,375	1,555,577	1,857,090
Sheet and strip	10,194,435	8,910,469	8,127,033	7,746,596	7,185,380
Bars & certain shapes	1,652,025	1,475,447	1,393,731	1,281,168	1,361,113
Wire rod	1,570,952	1,456,078	1,344,256	1,448,720	1,474,623
Wire	649,126	590,317	564,481	536,897	519,727
Wire products	738,680	674,960	636,591	649,377	572,451
Structural shapes & units	2,432,694	2,440,403	2,179,657	2,153,669	2,188,467
Rails & related products	373,890	382,046	275,710	245,988	319,432
Pipe and tube	5,399,642	4,457,277	2,923,029	2,748,644	3,249,937
Total	26,404,423	24,577,887	20,951,563	20,598,906	21,510,792
Stainless & alloy tool steel:					
Semifinished	13,700	10,290	17,622	56,725	62,407
Plate	7,436	11,497	16,415	11,118	15,847
Sheet and strip	137,597	135,620	151,571	129,295	118,584
Bars & certain shapes	38,234	37,970	37,888	37,991	40,724
Wire rod	18,835	20,067	18,496	18,311	19,210
Wire	22,703	22,169	17,541	19,084	20,653
Pipe and tube	30,197	32,009	33,274	26,448	36,752
Tool steel (all forms)	32,056	37,142	44,749	40,599	44,095
Total	300,756	306,764	337,556	339,571	358,272

1/ Includes tool steel.

2/ Certain alloy refers to alloy steel other than stainless or tool steel.

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 4. Steel mill products and certain fabricated steel products: U.S. exports of domestic merchandise, by product and grade of steel, 1984-1988, and by specified periods, 1988 and 1989

(Short tons)

Item	1984		1985		1986		1987		1988		January 1989
All grades of steel:											
Semifinished	73,536	89,708	58,885	73,543	61,430	2,770	15,976				
Plate	88,184	82,988	69,565	96,538	119,393	7,200	59,983				
Sheet and strip	389,577	375,396	507,420	556,991	1,374,056	48,713	99,170				
Bars & certain shapes 1/	133,595	99,096	81,224	121,869	141,461	9,885	15,059				
Wire rod	8,666	4,740	5,876	8,217	10,161	1,018	813				
Wire	19,979	19,146	26,760	26,669	36,668	1,906	2,026				
Wire products	22,085	19,253	24,731	23,257	27,847	1,643	1,348				
Structural shapes & units	119,256	89,031	71,525	101,373	111,614	9,427	8,957				
Rails & related products	19,079	13,430	13,131	15,755	18,855	525	4,398				
Pipe and tube	207,926	199,258	121,950	152,155	250,590	11,133	59,791				
Total	1,081,363	992,046	980,167	1,176,367	2,151,875	94,220	267,501				
Carbon & certain alloy steel:											
Semifinished	72,285	82,650	57,932	71,362	58,598	2,489	15,635				
Plate	84,813	74,957	66,042	92,057	107,566	6,704	58,892				
Sheet and strip	369,495	349,620	477,803	501,010	1,328,485	44,610	94,583				
Bars & certain shapes	126,090	89,241	72,134	111,619	124,911	8,983	10,593				
Wire rod	7,918	3,716	5,049	6,889	8,676	996	697				
Wire	17,524	17,182	24,033	22,863	32,209	1,746	1,787				
Wire products	22,085	19,253	24,731	23,257	27,847	1,643	1,348				
Structural shapes & units	119,256	89,031	71,525	101,373	111,614	9,427	8,957				
Rails & related products	19,079	13,430	13,131	15,755	18,855	525	4,398				
Pipe and tube	199,778	193,509	118,010	143,405	244,192	10,840	59,533				
Total	1,038,323	932,389	930,390	1,089,590	2,062,933	87,963	256,423				
Stainless & alloy tool steel:											
Semifinished	1,251	7,058	953	2,181	2,833	280	341				
Plate	3,371	8,031	3,523	4,481	11,847	496	1,091				
Sheet and strip	20,081	25,776	29,617	55,981	45,571	4,103	4,588				
Bars & certain shapes	5,178	7,762	6,946	7,189	12,047	516	2,066				
Wire rod	728	1,024	828	1,328	1,486	22	115				
Wire	2,455	1,964	2,728	3,806	4,459	159	239				
Pipe and tube	7,668	5,948	3,040	8,751	6,198	293	258				
Tool steel (all forms)	2,326	2,094	2,144	3,061	4,502	385	2,380				
Total	43,038	59,657	49,779	86,778	88,943	6,254	11,078				

1/ Includes tool steel.

2/ Certain alloy refers to alloy steel other than stainless or tool steel.

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 5.--Steel mill products and certain fabricated steel products: Apparent U.S. consumption, by product and grade of steel, 1984-1988, and by specified periods, 1988 and 1989

Item	(Short tons)					January
	1984	1985	1986	1987	1988	
All grades of steel:						
Semifinished	2,864,573	3,725,184	3,414,086	4,311,051	4,529,816	509,311
Plate	6,032,859	6,016,668	4,919,031	5,535,339	9,114,989	734,256
Sheet and strip	50,821,204	49,520,991	47,826,825	50,607,166	50,637,823	4,061,192
Bars & certain shapes 1/	14,821,191	14,119,002	13,496,786	14,174,922	15,922,539	1,134,195
Wire rod	4,671,178	4,433,174	4,850,509	5,297,601	5,528,360	441,384
Wire	1,614,178	1,467,974	1,553,121	1,316,275	1,576,410	133,040
Wire products	976,211	917,975	889,928	930,881	3/	3/
Structural shapes & units	6,469,671	7,049,677	6,923,564	7,134,105	7,390,312	601,609
Rails & related products	1,593,711	1,299,929	910,276	734,794	807,855	65,877
Pipe and tube	9,498,172	8,385,854	5,671,711	6,192,583	7,479,551	685,308
Total	99,363,346	96,935,928	90,255,837	96,234,717	103,532,259	8,417,966
Carbon & certain alloy 2/ steel:						
Semifinished	2,812,664	3,675,194	3,347,830	4,179,443	4,552,574	500,525
Plate	5,912,929	5,871,738	4,790,280	5,369,622	8,928,117	719,510
Sheet and strip	49,883,919	48,579,016	46,905,469	49,593,209	49,520,590	3,965,029
Bars & certain shapes	14,557,499	13,864,208	13,248,440	13,922,706	15,650,297	1,109,276
Wire rod	4,601,146	4,384,259	4,796,440	5,232,865	5,452,877	434,270
Wire	1,564,984	1,424,976	1,313,652	1,274,263	1,530,630	129,520
Wire products	976,211	917,975	889,928	930,881	3/	3/
Structural shapes & units	6,469,671	7,049,677	6,923,564	7,134,105	7,390,312	601,609
Rails & related products	1,593,711	1,299,929	910,276	734,794	807,855	65,877
Pipe and tube	9,423,935	8,310,739	5,599,237	6,133,106	7,393,506	677,494
Total	97,796,449	95,377,711	88,725,116	94,504,994	101,771,362	8,254,904
Stainless & alloy tool steel:						
Semifinished	52,129	49,990	66,256	131,608	139,527	8,787
Plate	119,930	144,930	128,751	165,718	186,872	14,746
Sheet and strip	937,286	941,975	921,356	1,013,957	1,117,233	96,164
Bars & certain shapes	173,036	159,475	149,966	156,243	168,373	15,281
Wire rod	70,031	48,915	54,067	64,737	75,482	7,114
Wire	49,592	42,499	39,468	42,012	45,780	3,521
Pipe and tube	74,237	75,115	72,474	59,477	86,044	7,814
Tool steel (all forms)	90,637	95,318	98,380	95,973	103,870	9,639
Total	1,566,898	1,558,217	1,530,718	1,726,725	1,923,181	163,066

1/ Includes tool steel.

2/ Certain alloy refers to alloy steel other than stainless or tool steel.

3/ Shipment and apparent consumption data for wire and wire products have been combined and are reported in the category designated "Wire".

Source: Compiled from data of the American Iron & Steel Institute, and official statistics of the U.S. Department of Commerce.

Table 6.--Steel mill products and certain fabricated steel products: U.S. imports as a percent of apparent consumption, by product and grade of steel, 1984-1988, and by specific periods, 1988 and 1989

Item	(Percent)					January	
	1984	1985	1986	1987	1988	1988	1989
All grades of steel:							
Semifinished	57.0	65.5	61.1	53.1	62.8	54.0	46.6
Plate	29.5	29.5	29.6	28.3	20.5	20.3	25.2
Sheet and strip	20.3	18.3	17.3	15.6	14.4	15.5	14.1
Bars and certain shapes 1/	11.6	11.0	10.9	9.6	9.1	10.0	9.4
Wire rod	34.0	33.3	28.1	27.7	27.0	24.9	26.3
Wire	41.6	41.7	43.0	42.2	34.3	34.9	35.0
Wire products	75.7	73.5	71.5	69.8	3/	3/	3/
Structural shapes & units	37.6	34.6	31.5	30.2	29.6	27.6	30.7
Rails and related products	23.5	29.4	30.3	33.5	39.5	42.5	48.6
Pipe and tube	57.2	53.2	52.1	44.8	43.9	48.6	51.8
Total	26.9	25.7	23.6	21.8	21.1	22.6	20.9
Carbon & certain alloy 2/							
Semifinished	57.5	66.1	61.7	53.4	61.1	54.2	46.5
Plate	30.4	30.0	30.1	29.0	20.8	20.5	25.6
Sheet and strip	20.4	18.3	17.3	15.6	14.5	15.6	14.2
Bars and certain shapes	11.3	10.6	10.5	9.2	8.7	9.4	8.6
Wire rod	34.1	33.2	28.0	27.7	27.0	24.9	26.2
Wire	41.5	41.4	43.0	42.1	34.0	34.7	34.5
Wire products	75.7	73.5	71.5	69.8	3/	3/	3/
Structural shapes & units	37.6	34.6	31.5	30.2	29.6	27.6	30.7
Rails and related products	23.5	29.4	30.3	33.5	39.5	42.5	48.6
Pipe and tube	57.3	53.6	52.2	44.8	44.0	48.6	51.9
Total	27.0	25.8	23.6	21.8	21.1	22.7	20.9
Stainless & alloy tool steel:							
Semifinished	26.3	20.6	26.6	43.1	44.7	41.1	48.7
Plate	6.2	7.9	12.7	6.7	8.5	8.3	9.1
Sheet and strip	14.7	14.4	16.5	12.8	10.6	10.0	12.1
Bars & certain shapes	22.1	23.8	25.3	24.3	24.2	29.4	26.7
Wire rod	26.9	41.0	34.2	28.3	25.4	28.3	35.1
Wire	45.8	52.2	44.4	45.4	45.1	43.8	46.1
Pipe and tube	40.7	42.6	45.9	44.5	42.7	47.7	46.9
Tool steel (all forms)	35.4	39.0	45.5	42.3	42.5	49.7	75.2
Total	19.2	19.7	22.1	19.6	18.6	19.0	23.6

1/ Includes tool steel.

2/ Certain alloy refers to alloy steel other than stainless or tool steel.

3/ Shipment and apparent consumption data for wire and wire products have been combined and are reported in the category designated "wire".

Source: Compiled from data of the American Iron & Steel Institute, and official statistics of the U.S. Department of Commerce.

Table 7.--Steel mill products and certain fabricated steel products: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia -----	155,112	282,085	45,177	29,098
Austria -----	119,666	138,101	12,739	2,930
Brazil -----	1,152,972	1,476,896	137,818	162,876
Czechoslovakia -----	29,792	37,301	2,557	0
East Germany -----	95,910	92,239	12,950	1,296
EC countries -----	5,314,371	5,766,991	426,325	467,561
Finland -----	174,889	212,989	26,124	32,615
Hungary -----	27,064	30,094	4,123	2,619
Japan -----	4,384,621	4,343,898	326,684	357,402
Mexico -----	491,204	488,367	36,406	19,743
Peoples Rep of China -----	51,107	68,840	5,367	3,241
Poland -----	91,936	89,648	2,196	2,994
Portugal -----	31,087	22,739	4,463	2,360
Romania -----	82,408	102,548	5,681	52
Republic of South Africa -----	30,015	1,693	1,496	103
Korea, Republic of -----	1,434,872	1,572,602	188,151	126,653
Spain -----	520,988	486,490	51,598	88,083
Trinidad and Tobago -----	62,575	31,518	3,488	280
Venezuela -----	170,571	169,383	41,800	6,496
Yugoslavia -----	15,394	12,751	484	667
Total -----	14,436,554	15,427,173	1,335,627	1,307,069
Other countries:				
Canada -----	3,809,440	3,430,920	298,862	331,952
Sweden -----	609,367	575,055	48,444	26,742
Argentina -----	346,494	558,011	65,327	10,362
Turkey -----	407,413	307,985	24,340	17,455
Indonesia -----	235,573	281,142	17,611	9,418
Taiwan -----	263,415	252,112	21,898	19,381
Norway -----	154,231	181,502	17,065	19,138
Thailand -----	120,179	160,364	14,394	18,999
Singapore -----	144,538	153,164	1,502	4,950
India -----	60,774	100,261	9,382	4,413
All others-----	350,496	441,375	49,278	84,268
Total -----	6,501,920	6,441,891	568,103	547,078
Grand total -----	20,938,474	21,869,064	1,903,730	1,854,147

Table 7.--Steel mill products and certain fabricated steel products: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia -----	70,374	118,494	14,819	13,937
Austria -----	58,007	82,907	7,909	4,149
Brazil -----	328,749	463,632	37,916	57,330
Czechoslovakia -----	7,156	12,019	658	-
East Germany -----	25,328	31,340	3,773	433
EC countries-----	2,197,086	2,721,224	197,517	232,437
Finland -----	65,035	101,105	9,897	13,826
Hungary -----	6,191	8,600	1,084	836
Japan -----	2,189,840	2,562,005	178,936	225,971
Mexico -----	204,210	240,693	17,211	11,075
Peoples Rep of China -----	23,586	27,574	2,037	1,654
Poland -----	27,141	30,281	714	1,182
Portugal -----	15,163	10,575	2,319	1,470
Romania -----	25,093	36,063	1,688	36
Republic of South Africa -----	7,322	1,487	769	84
Korea, Republic of -----	633,718	770,065	89,260	63,425
Spain -----	200,168	249,811	20,023	40,416
Trinidad and Tobago -----	15,482	8,602	826	462
Venezuela -----	48,835	53,699	11,895	2,452
Yugoslavia -----	5,404	5,947	228	224
Total-----	6,153,888	7,536,123	599,479	671,399
Other countries:				
Canada -----	1,660,699	1,706,602	135,019	173,565
Sweden -----	301,016	358,878	27,176	24,475
Argentina -----	122,695	221,845	22,630	4,505
Turkey -----	123,568	93,038	7,458	5,644
Indonesia -----	56,949	81,687	4,934	3,755
Taiwan -----	118,228	134,663	10,894	10,833
Norway -----	39,735	55,371	4,467	5,433
Thailand -----	43,817	65,625	5,775	7,759
Singapore -----	42,953	50,365	547	2,230
India -----	22,889	43,769	3,352	2,228
All others-----	124,712	164,938	15,130	45,548
Total-----	2,657,261	2,976,781	237,382	285,975
Grand total-----	8,811,149	10,512,904	836,861	957,374

Table 8.--Steel other than semifinished steel: 1/ U.S. imports for consumption, and imports as a percent of apparent U.S. consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January	
			1988	1989
Quantity (Short tons)				
VRA countries:				
Australia -----	155,077	202,683	25,010	29,098
Austria -----	119,666	138,029	12,739	2,930
Brazil -----	671,685	755,083	51,686	118,250
Czechoslovakia -----	29,792	37,301	2,557	0
East Germany -----	95,909	92,239	12,950	1,296
EC-----	4,358,698	4,611,870	351,046	370,565
Finland -----	160,941	209,750	26,124	32,615
Hungary -----	26,495	30,094	4,123	2,619
Japan -----	4,291,332	4,264,692	326,076	357,096
Mexico -----	429,320	424,451	31,113	18,757
Peoples Rep of China -----	51,093	68,840	5,367	3,241
Poland -----	90,476	89,295	1,917	2,994
Portugal -----	31,087	22,739	4,463	2,360
Romania -----	82,408	102,548	5,681	52
Republic of South Africa -----	7,437	1,693	1,496	103
Korea, Republic of -----	1,407,830	1,515,157	188,063	126,653
Spain -----	484,083	449,539	40,214	82,891
Trinidad and Tobago -----	62,575	28,460	3,488	280
Venezuela -----	130,749	119,720	20,159	6,496
Yugoslavia -----	15,394	12,751	484	667
Total-----	12,702,047	13,176,934	1,114,756	1,158,963
Other countries:				
Canada -----	3,673,795	3,327,082	292,752	322,058
Argentina -----	343,363	535,190	53,869	10,300
Turkey -----	407,413	307,985	24,340	17,455
Indonesia -----	234,667	276,988	16,375	9,418
Sweden -----	267,311	269,005	34,063	15,988
Taiwan -----	263,415	252,112	21,898	19,381
Thailand -----	120,179	160,364	14,394	18,999
Singapore -----	144,538	153,164	1,502	4,950
Norway -----	109,791	116,917	17,065	13,261
India -----	60,774	100,261	9,382	4,413
All others-----	322,184	348,084	28,259	84,167
Total-----	5,947,430	5,847,152	513,899	520,390
Grand total-----	18,649,477	19,024,086	1,628,655	1,679,353

See footnotes at end of table.

Table 8.--Steel other than semifinished steel: 1/ U.S. imports for consumption, and imports as a percent of apparent U.S. consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	January			
	1987	1988	1988	1989
Import/consumption ratio (percent)				

VRA countries:				
Australia -----	.2	.2	.3	.3
Austria -----	.1	.1	.2	2/
Brazil -----	.7	.8	.7	1.4
Czechoslovakia -----	2/	2/	2/	2/
East Germany -----	.1	.1	.2	2/
EC-----	4.8	4.7	4.5	4.4
Finland -----	.2	.2	.3	.4
Hungary -----	2/	2/	.1	2/
Japan -----	4.7	4.4	4.2	4.3
Mexico -----	.5	.4	.4	.2
Peoples Rep of China -----	.1	.1	.1	2/
Poland -----	.1	.1	2/	2/
Portugal -----	2/	2/	.1	2/
Romania -----	.1	.1	.1	2/
Republic of South Africa -----	2/	2/	2/	2/
Korea, Republic of -----	1.6	1.5	2.4	1.5
Spain -----	.5	.5	.5	1.0
Trinidad and Tobago -----	.1	2/	2/	2/
Venezuela -----	.1	.1	.3	.1
Yugoslavia -----	2/	2/	2/	2/
Total-----	14.0	13.5	14.3	13.8
Other countries:				
Canada -----	4.1	3.4	3.8	3.8
Argentina -----	.4	.5	.7	.1
Turkey -----	.4	.3	.3	.2
Indonesia -----	.3	.3	.2	.1
Sweden -----	.3	.3	.4	.2
Taiwan -----	.3	.3	.3	.2
Thailand -----	.1	.2	.2	.2
Singapore -----	.2	.2	2/	.1
Norway -----	.1	.1	.2	.2
India -----	.1	.1	.1	.1
All others-----	.4	.4	.4	1.0
Total-----	6.6	6.0	6.6	6.2
Grand total-----	20.6	19.5	20.9	20.0

1/ Semifinished steel includes ingots, blooms, billets, slabs, and sheet bars.

2/ Less than 0.05 percent.

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Source: Compiled from data of the American Iron and Steel Institute and from official statistics of the U.S. Department of Commerce.

Table 9.--Semifinished steel: 1/ U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989

Source	Voluntary restraint level 2/	Quantity (short tons)			
		1987	1988	1988	January 1989
VRA countries:					
Australia	50,000	35	79,402	20,167	0
Austria	3/	0	73	0	0
Brazil	700,000	481,287	721,813	86,132	44,626
Czechoslovakia	3/	0	0	0	0
East Germany	3/	1	0	0	0
EC Countries	4/	955,673	1,155,121	75,280	96,996
Finland	15,000	13,948	3,239	0	0
Hungary	3/	569	0	0	0
Japan	100,000	93,288	79,206	607	306
Mexico	100,000	61,884	63,916	5,294	986
Peoples Rep of China	3/	13	0	0	0
Poland	3/	1,460	353	279	0
Portugal	3/	0	0	0	0
Romania	3/	0	0	0	0
Republic of South Africa	5/	22,578	0	0	0
Korea, Republic of	50,000	27,043	57,445	88	0
Spain	50,000	36,905	36,951	11,384	5,193
Trinidad and Tobago	3,500	0	3,058	0	0
Venezuela	60,000	39,822	49,663	21,640	0
Yugoslavia	3/	0	0	0	0
Total	2,048,500	1,734,506	2,250,240	220,871	148,107
Other countries:					
Sweden	6/	342,056	306,050	14,380	10,754
Canada	6/	135,645	103,838	6,110	9,894
Norway	6/	44,440	64,585	0	5,877
U. S. S. R.	6/	0	47,078	0	0
New Zealand	6/	28,212	46,214	21,019	0
Argentina	6/	3,131	22,820	11,458	62
Indonesia	6/	906	4,154	1,236	0
Switzerland	6/	99	0	0	0
Belgium	6/	0	0	0	102
Total	6/	554,489	594,739	54,203	26,689
Grand total	2,048,500	2,288,995	2,844,979	275,074	174,796

1/ Semifinished steel includes ingots, blooms, billets, slabs, and sheet bars.

2/ Restraint level applicable to year ending December 31, 1988.

3/ No explicit semifinished steel provisions.

4/ Includes 200,000 tons which may be imported at the discretion of the U.S. Trade Representative.

5/ Steel imports from South Africa in 1988 are reduced by the Comprehensive Anti-Apartheid Act of 1986, which embargoes certain steel products.

6/ Not applicable.

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 10.--Carbon and certain alloy 1/₂ semifinished steel: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia -----	35	79,402	20,167	0
Austria -----	0	0	0	0
Brazil -----	467,926	720,130	86,132	44,626
Czechoslovakia -----	0	0	0	0
East Germany -----	<u>2</u> / ₂	0	0	0
EC countries -----	949,332	1,151,180	75,280	96,599
Finland -----	13,948	3,239	0	0
Hungary -----	569	0	0	0
Japan -----	89,683	77,271	27	42
Mexico -----	61,884	63,916	5,294	986
Peoples Rep of China -----	13	0	0	0
Poland -----	1,460	279	279	0
Portugal -----	0	0	0	0
Romania -----	0	0	0	0
Republic of South Africa -----	22,578	0	0	0
Korea, Republic of -----	27,043	57,445	88	0
Spain -----	36,537	30,268	11,024	1,600
Trinidad and Tobago -----	0	3,058	0	0
Venezuela -----	39,822	49,663	21,640	0
Yugoslavia -----	0	0	0	0
Total -----	1,710,830	2,235,851	219,931	143,853
Other countries:				
Sweden -----	334,207	291,559	13,707	9,858
Canada -----	110,445	70,310	4,114	6,322
Norway -----	44,440	64,585	0	5,877
U. S. S. R. -----	0	47,078	0	0
New Zealand -----	28,212	46,214	21,019	0
Argentina -----	3,131	22,820	11,458	62
Indonesia -----	906	4,154	1,236	0
Switzerland -----	99	<u>2</u> / ₂	<u>2</u> / ₂	0
Belgium -----	0	0	0	102
Total -----	521,440	546,720	51,534	22,221
Grand total -----	2,232,270	2,782,571	271,465	166,074

See footnote(s) at end of table.

Table 10.--Carbon and certain alloy ^{1/} semifinished steel: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia -----	6	15,165	2,919	0
Austria -----	0	0	0	0
Brazil -----	87,231	161,215	17,713	12,292
Czechoslovakia -----	0	0	0	0
East Germany -----	7	0	0	0
EC countries-----	208,398	284,362	17,794	24,436
Finland -----	2,945	770	0	0
Hungary -----	128	0	0	0
Japan -----	20,477	19,499	17	94
Mexico -----	11,428	17,342	1,334	427
Peoples Rep of China -----	30	0	0	0
Poland -----	342	69	69	0
Portugal -----	0	0	0	0
Romania -----	0	0	0	0
Republic of South Africa -----	3,548	0	0	0
Korea, Republic of -----	4,809	14,573	20	0
Spain -----	6,503	6,521	1,843	602
Trinidad and Tobago -----	0	617	0	0
Venezuela -----	6,708	11,049	3,769	0
Yugoslavia -----	0	0	0	0
Total-----	352,560	531,182	45,478	37,851
Other countries:				
Sweden -----	76,098	73,544	3,156	2,589
Canada -----	26,940	21,337	1,278	3,078
Norway -----	8,098	14,757	0	1,288
U. S. S. R. -----	0	6,946	0	0
New Zealand -----	6,332	13,489	3,926	0
Argentina -----	1,109	6,147	4,147	21
Indonesia -----	242	1,196	336	0
Switzerland -----	140	3	1	0
All others-----	0	0	0	116
Total-----	118,959	137,419	12,844	7,092
Grand total-----	471,519	668,601	58,322	44,943

^{1/} Certain alloy refers to alloy steel other than stainless or tool steel.

^{2/} Less than 0.5 short ton.

Source: Compiled from official statistics of the U.S. Department of Commerce, ¹³

Table 11.--Carbon and certain alloy 1/ steel plate: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia -----	5,014	5,935	500	123
Austria -----	9,701	21,426	2,597	0
Brazil -----	112,608	171,537	8,798	50,206
Czechoslovakia -----	10,416	16,455	0	0
East Germany -----	16,091	17,270	2,634	0
EC countries -----	381,994	467,491	29,190	23,994
Finland -----	69,486	96,135	7,680	16,181
Hungary -----	13,933	16,146	2,121	2,154
Japan -----	35,903	44,538	2,080	3,544
Mexico -----	12,930	20,867	1,840	140
Peoples Rep of China -----	0	26	0	0
Poland -----	30,633	30,860	193	1,502
Portugal -----	0	0	0	0
Romania -----	49,274	68,325	2,216	0
Republic of South Africa -----	465	0	0	0
Korea, Republic of -----	64,323	68,405	3,310	6,133
Spain -----	63,973	48,484	1,840	11,230
Trinidad and Tobago -----	0	389	0	0
Venezuela -----	6,872	6,653	0	0
Yugoslavia -----	0	1,423	0	0
Total -----	883,616	1,102,365	64,999	115,207
Other countries:				
Canada -----	449,135	419,556	41,785	30,110
Sweden -----	106,253	110,743	17,538	7,440
Indonesia -----	46,701	84,969	11,257	0
Argentina -----	17,499	44,564	3,757	0
India -----	35,711	34,780	2,933	0
Egypt -----	0	21,147	0	0
Pakistan -----	6,227	15,610	0	0
Algeria -----	0	8,054	2,969	0
Turkey -----	6,145	5,946	2,255	0
New Zealand -----	0	3,849	0	445
All others -----	4,290	5,507	152	27,307
Total -----	671,961	754,725	82,646	65,302
Grand total -----	1,555,577	1,857,090	147,645	180,509

See footnote(s) at end of table.

Table 11.--Carbon and certain alloy ¹/ _{steel plate: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989--Continued}

Item	1987	1988	January	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia -----	2,285	3,190	251	66
Austria -----	3,379	8,467	990	0
Brazil -----	36,299	67,413	3,539	13,520
Czechoslovakia -----	2,292	5,280	0	0
East Germany -----	3,761	5,566	681	0
EC countries -----	126,682	197,106	10,758	10,424
Finland -----	18,573	38,528	2,440	5,856
Hungary -----	3,104	4,494	490	687
Japan -----	19,324	27,120	909	2,187
Mexico -----	3,340	8,122	640	527
Peoples Rep of China -----	0	28	0	0
Poland -----	7,316	9,971	47	531
Portugal -----	0	0	0	0
Romania -----	13,447	22,680	569	0
Republic of South Africa -----	145	0	0	0
Korea, Republic of -----	21,560	28,496	1,313	2,274
Spain -----	20,059	22,593	569	4,153
Trinidad and Tobago -----	0	122	0	0
Venezuela -----	1,762	2,062	0	0
Yugoslavia -----	0	461	0	0
Total-----	283,328	451,699	23,196	40,225
Other countries:				
Canada -----	155,991	175,573	16,335	13,221
Sweden -----	40,807	52,247	7,507	3,895
Indonesia -----	12,461	25,597	3,064	0
Argentina -----	4,317	14,038	1,059	0
India -----	13,055	14,024	796	0
Egypt -----	0	6,652	0	0
Pakistan -----	2,559	4,117	0	0
Algeria -----	0	2,330	824	0
Turkey -----	1,554	2,186	659	0
New Zealand -----	0	1,350	0	148
All others-----	1,708	1,855	78	11,502
Total-----	232,452	299,969	30,322	28,766
Grand total-----	515,780	751,668	53,518	68,991

¹/ _{Certain alloy refers to alloy steel other than stainless or tool steel.}

Table 12.--Carbon and certain alloy 1/ steel sheet and strip: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia -----	123,054	169,338	20,531	23,741
Austria -----	82,055	80,141	4,675	986
Brazil -----	343,715	279,788	17,903	49,426
Czechoslovakia -----	2,410	0	0	0
East Germany -----	61,012	50,830	6,860	1,296
EC countries -----	2,172,597	2,143,264	147,349	148,572
Finland -----	71,070	85,164	16,517	10,701
Hungary -----	9,600	13,211	1,417	465
Japan -----	2,381,393	2,209,538	183,292	196,856
Mexico -----	127,973	139,529	7,729	1,985
Peoples Rep of China -----	584	0	0	18
Poland -----	13,390	11,005	435	0
Portugal -----	29,872	16,837	4,406	1,881
Romania -----	3,665	6,731	0	52
Republic of South Africa -----	372	0	0	0
Korea, Republic of -----	603,796	487,380	50,487	39,412
Spain -----	100,179	88,988	8,150	7,400
Trinidad and Tobago -----	0	63	0	0
Venezuela -----	56,293	57,246	13,970	1,297
Yugoslavia -----	0	0	0	0
Total -----	6,183,030	5,839,053	483,721	484,088
Other countries:				
Canada -----	1,119,490	856,040	78,081	85,309
Argentina -----	175,619	243,388	31,278	160
Taiwan -----	60,024	78,901	5,835	5,108
Sweden -----	61,509	51,007	8,576	2,546
New Zealand -----	10,795	29,118	291	7,945
Algeria -----	11,632	21,102	1,464	0
Indonesia -----	24,966	20,138	3,510	160
Turkey -----	67,134	17,019	6,350	0
Norway -----	15,629	14,466	123	895
Pakistan -----	10,113	8,324	0	0
All others -----	6,653	6,824	165	20,941
Total -----	1,563,564	1,346,327	135,673	123,064
Grand total -----	7,746,594	7,185,380	619,394	607,152

See footnote(s) at end of table.

Table 12.--Carbon and certain alloy ^{1/} steel sheet and strip: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia -----	59,001	90,392	10,379	11,483
Austria -----	26,289	31,089	1,667	485
Brazil -----	119,782	111,040	6,471	20,274
Czechoslovakia -----	644	0	0	0
East Germany -----	17,087	18,100	2,209	433
EC countries-----	877,390	995,304	64,749	70,878
Finland -----	25,253	32,525	6,039	4,564
Hungary -----	2,371	3,751	329	149
Japan -----	1,208,940	1,211,321	96,763	109,115
Mexico -----	60,338	77,632	3,989	1,295
Peoples Rep of China -----	114	0	0	7
Poland -----	5,198	5,049	179	0
Portugal -----	14,108	8,172	2,241	1,010
Romania -----	1,246	2,176	0	36
Republic of South Africa -----	124	0	0	0
Korea, Republic of -----	234,228	209,663	20,797	15,407
Spain -----	40,855	41,812	3,518	3,359
Trinidad and Tobago -----	0	19	0	0
Venezuela -----	18,728	22,121	5,826	476
Yugoslavia -----	0	0	0	0
Total-----	2,711,696	2,860,166	225,156	238,971
Other countries:				
Canada -----	463,992	381,804	33,696	39,994
Argentina -----	64,208	92,033	10,961	51
Taiwan -----	22,313	31,494	2,273	2,209
Sweden -----	37,494	39,376	4,149	3,771
New Zealand -----	5,600	11,315	159	3,538
Algeria -----	4,076	8,668	406	0
Indonesia -----	6,638	7,569	949	76
Turkey -----	27,144	6,256	2,115	0
Norway -----	7,955	7,909	78	464
Pakistan -----	2,221	3,600	0	0
All others-----	2,985	3,066	143	9,435
Total-----	644,626	593,090	54,929	59,538
Grand total-----	3,356,322	3,453,256	280,085	298,509

^{1/} Certain alloy refers to alloy steel other than stainless or tool steel.

Table 13.--Carbon and certain alloy 1/ steel bars and light shapes: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January	
			1988	1989
	Quantity (short tons)			
VRA countries:				
Australia -----	117	826	0	0
Austria -----	394	693	34	31
Brazil -----	50,090	96,561	6,632	4,041
Czechoslovakia -----	0	0	0	0
East Germany -----	2	0	0	0
EC countries -----	209,024	222,242	9,673	20,366
Finland -----	2,752	4,081	317	574
Hungary -----	43	146	0	0
Japan -----	154,408	107,959	15,104	10,163
Mexico -----	31,521	22,813	783	252
Peoples Rep of China -----	4,820	3,441	383	38
Poland -----	1,037	1,282	71	231
Portugal -----	0	2/	0	0
Romania -----	122	29	0	0
Republic of South Africa -----	221	0	0	0
Korea, Republic of -----	56,173	74,249	8,452	11,124
Spain -----	30,581	38,094	2,162	2,216
Trinidad and Tobago -----	18,047	15,404	3,315	269
Venezuela -----	13,530	19,962	0	0
Yugoslavia -----	287	0	0	0
Total-----	573,169	607,782	46,926	49,305
Other countries:				
Canada -----	379,637	429,634	36,469	42,559
Turkey -----	94,882	102,560	8,658	16,646
Indonesia -----	44,957	54,015	0	95
Argentina -----	18,954	50,982	2,425	4,533
Norway -----	28,347	36,346	6,069	6,312
Taiwan -----	44,665	32,265	2,248	1,969
Singapore -----	39,869	19,311	0	0
India -----	10,014	11,249	1,053	199
Sweden -----	7,255	9,099	402	275
Israel -----	619	5,943	68	0
All others -----	38,800	1,924	36	720
Total-----	707,999	753,328	57,428	73,308
Grand total-----	1,281,168	1,361,110	104,354	122,613

See footnote(s) at end of table.

Table 13.--Carbon and certain alloy ^{1/} steel bars and light shapes: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia -----	92	332	0	0
Austria -----	590	667	43	67
Brazil -----	15,461	29,058	2,239	1,699
Czechoslovakia -----	0	0	0	0
East Germany -----	1	0	0	0
EC countries -----	154,145	116,081	5,651	10,489
Finland -----	1,685	2,705	193	398
Hungary -----	14	63	0	0
Japan -----	62,568	49,339	6,233	4,894
Mexico -----	8,595	8,588	325	73
Peoples Rep of China -----	1,683	1,314	126	13
Poland -----	548	845	49	117
Portugal -----	0	2	0	0
Romania -----	600	103	0	0
Republic of South Africa -----	71	0	0	0
Korea, Republic of -----	15,094	20,439	1,972	3,084
Spain -----	11,163	17,305	1,404	985
Trinidad and Tobago -----	5,496	3,968	763	430
Venezuela -----	3,187	5,392	0	0
Yugoslavia -----	73	0	0	0
Total -----	281,066	256,201	18,998	22,249
Other countries:				
Canada -----	146,520	186,448	15,030	18,160
Turkey -----	24,960	28,951	2,214	5,250
Indonesia -----	9,076	14,691	0	43
Argentina -----	4,865	16,442	556	1,867
Norway -----	5,906	8,963	1,260	1,678
Taiwan -----	11,531	10,022	618	702
Singapore -----	10,128	5,104	0	0
India -----	3,490	3,952	385	86
Sweden -----	4,732	5,737	291	203
Israel -----	191	1,616	20	0
All others-----	9,814	1,111	23	331
Total -----	231,213	283,037	20,397	28,320
Grand total -----	512,279	539,238	39,395	50,569

^{1/} Certain alloy refers to alloy steel other than stainless or tool steel.

^{2/} Less than 0.5 short ton.

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Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 14.--Carbon and certain alloy 1/ steel wire rod: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia -----	9,664	9,551	1,630	1,973
Austria -----	401	601	256	110
Brazil -----	50,183	58,383	4,717	3,277
Czechoslovakia -----	10,307	13,661	1,789	0
East Germany -----	12,806	16,306	1,966	0
EC countries -----	235,247	248,578	24,902	16,584
Finland -----	2,237	2,237	0	0
Hungary -----	2,862	0	0	0
Japan -----	245,672	276,003	30,120	28,309
Mexico -----	62,826	58,389	1,131	2,315
Peoples Rep of China -----	0	27	25	0
Poland -----	0	7,606	0	0
Portugal -----	0	4,451	0	0
Romania -----	0	0	0	0
Republic of South Africa -----	0	0	0	0
Korea, Republic of -----	432	875	26	0
Spain -----	40,302	37,258	6,582	10,376
Trinidad and Tobago -----	43,094	11,312	0	0
Venezuela -----	4,471	8,916	0	0
Yugoslavia -----	0	0	0	0
Total-----	720,504	754,154	73,144	62,944
Other countries:				
Canada -----	390,071	360,096	30,503	41,551
Turkey -----	61,072	126,791	0	0
Indonesia -----	97,932	84,414	0	4,403
Singapore -----	60,425	81,904	0	1,671
Sweden -----	10,079	18,464	652	425
Saudi Arabia -----	42,619	17,972	2,907	0
Taiwan -----	15,798	16,843	779	3,375
Egypt -----	0	11,114	0	23
Malaysia -----	47,789	2,355	0	0
Israel -----	131	372	0	0
All others-----	2,300	144	2/	2,440
Total-----	728,216	720,469	34,841	53,888
Grand total-----	1,448,720	1,474,623	107,985	116,832

See footnote(s) at end of table.

Table 14.--Carbon and certain alloy ^{1/} steel wire rod: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia -----	1,983	2,103	329	424
Austria -----	179	248	106	39
Brazil -----	12,145	16,380	1,104	851
Czechoslovakia -----	2,164	3,234	363	0
East Germany -----	2,585	3,547	379	0
EC countries-----	84,580	97,970	8,752	6,003
Finland -----	692	741	0	0
Hungary -----	557	0	0	0
Japan -----	103,044	124,039	12,199	12,984
Mexico -----	14,093	15,344	324	581
Peoples Rep of China -----	0	9	7	0
Poland -----	0	1,612	0	0
Portugal -----	0	1,123	0	0
Romania -----	0	0	0	0
Republic of South Africa -----	0	0	0	0
Korea, Republic of -----	179	389	13	0
Spain -----	11,411	10,435	1,771	2,877
Trinidad and Tobago -----	9,538	3,293	0	0
Venezuela -----	1,014	2,000	0	0
Yugoslavia -----	0	0	0	0
Total-----	244,164	282,467	25,347	23,759
Other countries:				
Canada -----	127,412	130,836	10,071	15,088
Turkey -----	13,673	32,337	0	0
Indonesia -----	21,082	20,363	0	1,198
Singapore -----	14,388	21,983	0	499
Sweden -----	6,215	9,831	447	305
Saudi Arabia -----	8,616	3,719	592	0
Taiwan -----	6,199	6,764	327	1,584
Egypt -----	0	2,650	0	7
Malaysia -----	11,059	622	0	0
Israel -----	30	106	0	0
All others-----	478	131	1	993
Total-----	209,152	229,342	11,438	19,674
Grand total-----	453,316	511,809	36,785	43,433

^{1/} Certain alloy refers to alloy steel other than stainless or tool steel.

^{2/} Less than 0.5 short ton.

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 15.--Carbon and certain alloy 1/ steel wire: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia -----	4,963	4,488	153	362
Austria -----	2,484	1,731	126	188
Brazil -----	10,577	14,128	2,960	1,131
Czechoslovakia -----	0	0	0	0
East Germany -----	89	0	0	0
EC countries -----	174,468	168,458	14,025	7,470
Finland -----	400	476	48	52
Hungary -----	57	0	0	0
Japan -----	96,684	78,468	6,905	5,646
Mexico -----	3,991	2,712	134	288
Peoples Rep of China -----	7,302	9,720	258	451
Poland -----	2	116	0	19
Portugal -----	0	0	0	0
Romania -----	0	0	0	0
Republic of South Africa -----	187	0	0	0
Korea, Republic of -----	8,226	7,736	613	1,049
Spain -----	40	22	0	0
Trinidad and Tobago -----	1,435	1,060	136	0
Venezuela -----	7,717	5,996	861	0
Yugoslavia -----	42	3	0	0
Total-----	318,664	295,114	26,219	16,656
Other countries:				
Canada -----	194,819	193,243	16,122	19,542
Sweden -----	7,745	7,532	509	467
Taiwan -----	3,217	4,897	289	246
India -----	2,572	4,108	865	423
Saudi Arabia -----	0	4,000	0	0
Switzerland -----	1,372	2,591	125	103
Argentina -----	1,170	2,491	451	57
Chile -----	1,379	2,146	280	149
Ecuador -----	18	1,430	18	239
Norway -----	2,476	1,312	0	67
All others-----	3,464	865	43	5,350
Total-----	218,232	224,615	18,702	26,643
Grand total-----	536,896	519,729	44,921	43,299

See footnote(s) at end of table.

Table 15.--Carbon and certain alloy ¹/ _{steel wire: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989--Continued}

Item	1987	1988	January	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia -----	2,329	2,018	77	154
Austria -----	3,613	2,584	176	205
Brazil -----	4,944	6,207	1,284	621
Czechoslovakia -----	0	0	0	0
East Germany -----	24	0	0	0
EC countries -----	129,054	141,173	10,579	6,746
Finland -----	170	231	21	14
Hungary -----	17	0	0	0
Japan -----	64,973	61,637	5,148	4,457
Mexico -----	1,681	1,320	56	157
Peoples Rep of China -----	2,868	4,165	96	219
Poland -----	3	59	0	9
Portugal -----	0	0	0	0
Romania -----	0	0	0	0
Republic of South Africa -----	85	0	0	0
Korea, Republic of -----	4,882	4,667	350	673
Spain -----	33	37	0	0
Trinidad and Tobago -----	448	354	52	0
Venezuela -----	3,802	3,096	425	0
Yugoslavia -----	24	9	0	0
Total-----	218,950	227,557	18,264	13,255
Other countries:				
Canada -----	101,960	109,405	8,654	11,214
Sweden -----	10,304	10,678	577	608
Taiwan -----	1,964	2,903	146	280
India -----	883	1,518	335	156
Saudi Arabia -----	0	810	0	0
Switzerland -----	898	1,525	76	89
Argentina -----	499	1,245	337	26
Chile -----	532	946	121	71
Ecuador -----	9	652	9	108
Norway -----	1,427	1,177	0	61
All others -----	1,385	483	29	5,188
Total-----	119,861	131,342	10,284	17,801
Grand total-----	338,811	358,899	28,548	31,056

¹/ Certain alloy refers to alloy steel other than stainless or tool steel.

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Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 16.--Carbon and certain alloy 1/₂ steel wire products: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia -----	291	5	0	0
Austria -----	1,113	956	82	249
Brazil -----	10,382	15,018	2,015	1,043
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	34,544	23,220	3,034	4,218
Finland -----	0	1	2/	0
Hungary -----	0	0	0	0
Japan -----	50,318	23,536	2,422	3,772
Mexico -----	14,577	13,693	781	983
Peoples Rep of China -----	36,253	36,866	4,699	2,695
Poland -----	19,213	16,070	122	1,071
Portugal -----	683	380	57	84
Romania -----	6,859	143	0	0
Republic of South Africa -----	4,340	1,550	1,453	103
Korea, Republic of -----	186,794	192,127	21,124	15,983
Spain -----	18,997	14,765	1,622	1,840
Trinidad and Tobago -----	0	94	37	0
Venezuela -----	2,683	1,352	130	1,115
Yugoslavia -----	7,882	7,314	467	667
Total-----	394,929	347,090	38,045	33,823
Other countries:				
Canada -----	106,028	98,251	7,145	10,732
Turkey -----	37,393	23,631	1,201	809
United Arab Emirates -----	7,787	20,059	680	1,764
Indonesia -----	11,116	18,621	916	1,404
Argentina -----	12,069	18,002	1,784	1,528
Taiwan -----	37,689	13,715	1,421	1,336
Thailand -----	20,516	8,627	317	4,845
Chile -----	10,919	8,459	862	569
India -----	505	4,571	155	516
Saudi Arabia -----	305	3,718	346	793
All others-----	10,123	7,707	567	2,439
Total-----	254,450	225,361	15,394	26,735
Grand total-----	649,379	572,451	53,439	60,558

See footnote(s) at end of table.

Table 16.--Carbon and certain alloy ^{1/} steel wire products: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia -----	249	20	0	0
Austria -----	1,973	1,556	178	555
Brazil -----	4,592	7,169	1,006	601
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	27,128	24,443	2,296	7,441
Finland -----	0	96	4	0
Hungary -----	0	0	0	0
Japan -----	46,874	28,992	2,580	6,818
Mexico -----	7,758	8,903	435	969
Peoples Rep of China -----	17,786	14,640	1,769	1,382
Poland -----	7,056	5,403	59	337
Portugal -----	820	530	78	123
Romania -----	2,424	44	0	0
Republic of South Africa -----	2,199	792	743	84
Korea, Republic of -----	128,818	138,561	14,230	12,959
Spain -----	11,866	8,752	912	2,391
Trinidad and Tobago -----	0	27	11	0
Venezuela -----	498	387	33	348
Yugoslavia -----	2,845	3,027	206	224
Total -----	262,886	243,342	24,540	34,232
Other countries:				
Canada -----	73,873	70,198	4,924	8,560
Turkey -----	12,966	8,700	407	394
United Arab Emirates -----	2,582	7,562	247	700
Indonesia -----	4,341	6,881	332	512
Argentina -----	5,105	7,943	752	763
Taiwan -----	24,306	12,448	1,085	1,427
Thailand -----	10,027	5,332	283	1,579
Chile -----	4,662	3,991	408	362
India -----	263	2,659	90	351
Saudi Arabia -----	103	1,239	115	300
All others -----	6,976	6,778	595	5,937
Total -----	145,204	133,731	9,238	20,885
Grand total -----	408,090	377,073	33,778	55,117

^{1/} Certain alloy refers to alloy steel other than stainless or tool steel.

^{2/} Less than 0.5 short ton.

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 17.--Carbon and certain alloy $\frac{1}{2}$ steel structural shapes and units: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia -----	55	139	0	98
Austria -----	377	1,541	28	215
Brazil -----	11,926	20,210	3,707	1,926
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	645,485	732,369	45,369	73,920
Finland -----	341	118	83	2/
Hungary -----	0	0	0	0
Japan -----	629,977	590,217	28,276	51,643
Mexico -----	17,953	24,912	1,335	1,113
Peoples Rep of China -----	8	208	0	18
Poland -----	18,559	14,059	893	0
Portugal -----	122	0	0	2/
Romania -----	0	19	0	0
Republic of South Africa -----	933	143	43	0
Korea, Republic of -----	135,070	169,302	23,423	8,666
Spain -----	177,434	171,068	16,186	38,551
Trinidad and Tobago -----	0	0	0	11
Venezuela -----	0	2/	0	2
Yugoslavia -----	0	263	0	0
Total -----	1,638,240	1,724,568	119,343	176,163
Other countries:				
Canada -----	398,180	338,187	30,099	26,893
Norway -----	61,316	64,361	10,765	5,987
Argentina -----	17,757	27,523	4,176	779
Taiwan -----	17,179	9,020	906	911
New Zealand -----	9,076	8,242	281	525
Indonesia -----	0	4,074	0	0
Sweden -----	2,170	3,925	34	121
Thailand -----	0	3,278	44	0
Singapore -----	6,702	3,129	0	65
Switzerland -----	131	626	144	0
All others -----	2,917	1,534	150	8,137
Total -----	515,428	463,899	46,599	43,418
Grand total -----	2,153,668	2,188,467	165,942	219,581

See footnote(s) at end of table.

Table 17.--Carbon and certain alloy ^{1/} steel structural shapes and units: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia -----	54	135	0	261
Austria -----	1,455	1,865	98	569
Brazil -----	4,099	8,055	1,645	967
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	222,416	294,725	17,219	30,375
Finland -----	336	248	122	1
Hungary -----	0	0	0	0
Japan -----	189,574	228,010	9,467	22,199
Mexico -----	7,074	11,585	551	568
Peoples Rep of China -----	71	154	0	9
Poland -----	3,990	3,587	216	0
Portugal -----	78	0	0	8
Romania -----	0	11	0	0
Republic of South Africa -----	573	694	25	0
Korea, Republic of -----	59,530	84,018	12,051	3,454
Spain -----	48,816	62,180	4,430	14,112
Trinidad and Tobago -----	0	0	0	32
Venezuela -----	0	1	0	2
Yugoslavia -----	0	393	0	0
Total -----	538,066	695,661	45,824	72,557
Other countries:				
Canada -----	220,522	201,529	15,087	16,378
Norway -----	15,052	21,943	2,988	1,943
Argentina -----	4,186	7,274	1,001	251
Taiwan -----	9,331	5,476	559	773
New Zealand -----	9,040	8,814	301	587
Indonesia -----	0	1,173	0	0
Sweden -----	7,243	5,413	80	229
Thailand -----	0	1,711	17	0
Singapore -----	4,293	2,903	0	57
Switzerland -----	818	1,557	649	0
All others-----	6,366	1,349	231	3,062
Total -----	276,851	259,142	20,913	23,280
Grand total -----	814,917	954,803	66,737	95,837

^{1/} Certain alloy refers to alloy steel other than stainless or tool steel.

^{2/} Less than 0.5 short ton.

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Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 18.--Carbon and certain alloy 1/ steel rails and related products: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia -----	30	2	0	404
Austria -----	5	703	<u>2</u> /	522
Brazil -----	2,440	4,553	75	586
Czechoslovakia -----	0	0	0	0
East Germany -----	0	1	0	0
EC countries -----	42,340	51,287	3,348	11,800
Finland -----	<u>2</u> /	3	0	0
Hungary -----	0	4	0	0
Japan -----	84,891	79,347	7,278	6,108
Mexico -----	46	26	0	60
Peoples Rep of China -----	45	25	0	18
Poland -----	0	0	0	8
Portugal -----	0	1,071	0	394
Romania -----	0	0	0	0
Republic of South Africa -----	879	<u>2</u> /	0	0
Korea, Republic of -----	5,803	6,919	236	598
Spain -----	0	0	0	23
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	344	77	0	0
Yugoslavia -----	0	0	0	0
Total -----	136,823	144,018	10,937	20,521
Other countries:				
Canada -----	101,439	172,077	16,037	16,482
Sweden -----	7,424	3,064	1,042	1
Gabon -----	0	128	0	0
Taiwan -----	168	128	4	64
Argentina -----	6	6	0	0
India -----	0	6	0	0
Philippines -----	0	6	0	0
Honduras -----	0	<u>2</u> /	0	0
Norway -----	0	<u>2</u> /	0	0
Colombia -----	0	0	0	5
All others -----	127	0	0	304
Total -----	109,164	175,415	17,083	16,856
Grand total -----	245,987	319,433	28,020	37,377

See footnote(s) at end of table.

Table 18.--Carbon and certain alloy ^{1/} steel rails and related products: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia -----	15	7	0	466
Austria -----	37	299	1	581
Brazil -----	2,016	3,751	51	478
Czechoslovakia -----	0	0	0	0
East Germany -----	0	5	0	0
EC countries -----	17,563	24,466	1,641	5,400
Finland -----	5	14	0	0
Hungary -----	0	25	0	0
Japan -----	34,066	38,835	3,051	3,811
Mexico -----	14	37	0	78
Peoples Rep of China -----	32	9	0	12
Poland -----	0	0	0	4
Portugal -----	0	748	0	329
Romania -----	0	0	0	0
Republic of South Africa -----	563	1	0	0
Korea, Republic of -----	1,863	2,580	84	345
Spain -----	0	0	0	92
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	70	24	0	0
Yugoslavia -----	0	0	0	0
Total-----	56,244	70,801	4,828	11,596
Other countries:				
Canada -----	20,479	50,140	5,069	7,284
Sweden -----	2,553	1,001	186	6
Gabon -----	0	67	0	0
Taiwan -----	302	294	7	97
Argentina -----	24	17	0	0
India -----	0	16	0	0
Philippines -----	0	28	0	0
Honduras -----	0	2	0	0
Norway -----	0	3	0	0
All others-----	284	0	0	160
Total-----	23,642	51,568	5,262	7,547
Grand total-----	79,886	122,369	10,090	19,143

^{1/} Certain alloy refers to alloy steel other than stainless or tool steel.

^{2/} Less than 0.5 short ton.

Table 19.--Carbon and certain alloy 1/ steel pipe and tube: U.S. imports for U.S. imports for consumption, by specified sources 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia -----	11,869	12,375	2,195	2,398
Austria -----	19,766	26,408	4,574	239
Brazil -----	75,669	87,724	4,402	5,622
Czechoslovakia -----	6,660	7,164	768	0
East Germany -----	5,909	7,828	1,490	0
EC countries -----	383,341	458,471	63,396	51,230
Finland -----	5,968	12,755	1,114	4,873
Hungary -----	0	585	585	0
Japan -----	542,452	790,770	44,970	41,041
Mexico -----	137,761	131,349	16,797	11,382
Peoples Rep of China -----	2,056	18,422	0	0
Poland -----	7,267	8,048	183	102
Portugal -----	410	0	0	0
Romania -----	22,488	27,284	3,465	0
Republic of South Africa -----	40	0	0	0
Korea, Republic of -----	331,525	496,059	78,243	42,004
Spain -----	32,753	29,637	2,600	9,605
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	38,840	19,510	5,199	4,081
Yugoslavia -----	7,183	3,732	0	0
Total -----	1,631,957	2,138,121	229,981	172,577
Other countries:				
Canada -----	514,456	436,372	34,529	46,843
Thailand -----	93,717	148,259	14,033	14,088
Argentina -----	100,108	148,192	9,997	3,162
Taiwan -----	79,176	88,055	9,745	6,154
Singapore -----	37,408	47,545	1,502	3,215
India -----	10,848	44,486	4,215	3,169
Turkey -----	140,786	32,001	5,875	0
Sweden -----	30,146	26,842	2,076	1,141
Malaysia -----	13,285	22,879	1,226	85
Chile -----	2,077	22,048	1,208	520
All others -----	94,680	95,139	15,164	6,146
Total -----	1,116,687	1,111,818	99,570	84,523
Grand total -----	2,748,644	3,249,939	329,551	257,100

See footnote(s) at end of table.

Table 19.--Carbon and certain alloy ^{1/} steel pipe and tube: U.S. imports for U.S. imports for consumption, by specified sources 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia -----	4,265	4,959	843	1,070
Austria -----	11,963	23,494	3,707	211
Brazil -----	32,186	41,170	2,149	3,826
Czechoslovakia -----	2,057	3,472	295	0
East Germany -----	1,862	4,115	504	0
EC countries -----	197,587	322,171	37,504	31,681
Finland -----	1,915	5,624	416	2,310
Hungary -----	0	266	266	0
Japan -----	295,849	597,887	28,337	36,133
Mexico -----	57,935	71,872	8,652	6,039
Peoples Rep of China -----	895	7,066	0	0
Poland -----	2,219	3,115	65	70
Portugal -----	157	0	0	0
Romania -----	7,377	11,018	1,120	0
Republic of South Africa -----	15	0	0	0
Korea, Republic of -----	137,101	239,742	34,953	20,759
Spain -----	16,510	23,994	1,686	5,144
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	13,066	7,535	1,842	1,627
Yugoslavia -----	2,462	2,036	0	0
Total-----	785,421	1,369,536	122,339	108,870
Other countries:				
Canada -----	254,194	266,692	18,383	27,733
Thailand -----	32,613	58,119	5,475	6,034
Argentina -----	38,060	76,641	3,817	1,390
Taiwan -----	28,607	39,591	4,036	2,899
Singapore -----	13,763	19,833	547	1,674
India -----	4,059	20,173	1,594	1,431
Turkey -----	43,271	14,568	2,063	0
Sweden -----	21,798	23,510	1,944	1,124
Malaysia -----	4,615	9,314	455	36
Chile -----	829	9,500	555	252
All others -----	35,348	41,391	5,542	3,282
Total-----	477,157	579,332	44,411	45,855
Grand total-----	1,262,578	1,948,868	166,750	154,725

^{1/} Certain alloy refers to alloy steel other than stainless or tool steel.

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Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 20. Total, carbon and certain 1/ alloy steel products: U.S. imports for consumption, by principal sources, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia -----	155,092	282,061	45,176	29,098
Austria -----	116,298	134,200	12,373	2,539
Brazil -----	1,135,516	1,468,033	137,341	161,884
Czechoslovakia -----	29,792	37,280	2,557	0
East Germany -----	95,910	92,234	12,950	1,296
EC countries -----	5,228,372	5,666,561	415,566	454,753
Finland -----	166,202	204,209	25,760	32,381
Hungary -----	27,064	30,094	4,123	2,619
Japan -----	4,311,383	4,277,647	320,473	347,122
Mexico -----	471,462	478,207	35,823	19,503
Peoples Rep of China -----	51,081	68,735	5,365	3,237
Poland -----	91,561	89,325	2,177	2,934
Portugal -----	31,087	22,739	4,463	2,360
Romania -----	82,408	102,530	5,681	52
Republic of South Africa -----	30,015	1,693	1,496	103
Korea, Republic of -----	1,419,183	1,560,497	186,000	124,968
Spain -----	500,796	458,584	50,165	82,841
Trinidad and Tobago -----	62,575	31,380	3,488	280
Venezuela -----	170,571	169,376	41,800	6,496
Yugoslavia -----	15,394	12,734	467	667
Total-----	14,191,762	15,188,119	1,313,244	1,275,133
Other countries:				
Canada -----	3,763,701	3,373,766	294,884	326,343
Argentina -----	346,313	557,969	65,327	10,281
Sweden -----	566,885	522,294	44,537	22,455
Turkey -----	407,413	307,985	24,340	17,455
Indonesia -----	235,573	281,142	17,611	9,416
Taiwan -----	257,931	243,886	21,227	19,161
Norway -----	154,194	181,502	17,065	19,138
Thailand -----	120,179	160,176	14,394	18,933
Singapore -----	144,538	153,163	1,502	4,950
India -----	60,231	99,714	9,325	4,327
All others-----	350,185	441,075	49,259	83,495
Total-----	6,407,143	6,322,672	559,471	535,954
Grand total-----	20,598,905	21,510,791	1,872,715	1,811,087

See footnote(s) at end of table.

Table 20. Total, carbon and certain ^{1/} alloy steel products: U.S. imports for consumption, by principal sources, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia -----	70,279	118,320	14,798	13,924
Austria -----	49,477	70,268	6,965	2,712
Brazil -----	318,756	451,458	37,201	55,128
Czechoslovakia -----	7,156	11,986	658	0
East Germany -----	25,328	31,334	3,773	433
EC countries -----	2,044,943	2,497,803	176,944	203,874
Finland -----	51,574	81,482	9,235	13,144
Hungary -----	6,191	8,600	1,084	836
Japan -----	2,045,689	2,386,680	164,702	202,691
Mexico -----	172,255	220,745	16,306	10,715
Peoples Rep of China -----	23,479	27,385	1,997	1,642
Poland -----	26,671	29,711	684	1,068
Portugal -----	15,163	10,575	2,319	1,470
Romania -----	25,093	36,033	1,688	36
Republic of South Africa -----	7,322	1,487	769	84
Korea, Republic of -----	608,066	743,129	85,782	58,954
Spain -----	167,216	193,629	16,133	33,716
Trinidad and Tobago -----	15,482	8,400	826	462
Venezuela -----	48,835	53,667	11,895	2,452
Yugoslavia -----	5,404	5,925	206	224
Total -----	5,734,379	6,988,617	553,965	603,565
Other countries:				
Canada -----	1,591,881	1,593,962	128,527	160,712
Argentina -----	122,372	221,780	22,630	4,368
Sweden -----	207,367	221,486	18,339	13,522
Turkey -----	123,568	93,038	7,458	5,644
Indonesia -----	56,949	81,687	4,934	3,702
Taiwan -----	104,597	109,041	9,058	9,972
Norway -----	39,717	55,371	4,467	5,433
Thailand -----	43,817	65,167	5,775	7,613
Singapore -----	42,953	50,360	547	2,230
India -----	22,038	42,731	3,261	2,033
All others -----	123,858	163,352	15,042	43,530
Total -----	2,479,117	2,697,975	220,038	258,759
Grand total -----	8,213,496	9,686,592	774,003	862,324

^{1/} Certain alloy refers to alloy steel other than stainless or tool steel.

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Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 21.--Stainless semifinished steel: U.S. imports for consumption, by specified sources 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia -----	0	0	0	0
Austria -----	0	73	0	0
Brazil -----	13,361	1,683	0	0
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries-----	6,340	3,941	0	397
Finland -----	0	0	0	0
Hungary -----	0	0	0	0
Japan -----	3,605	1,935	580	264
Mexico -----	0	0	0	0
Peoples Rep of China -----	0	0	0	0
Poland -----	0	74	0	0
Portugal -----	0	0	0	0
Romania -----	0	0	0	0
Republic of South Africa -----	0	0	0	0
Korea, Republic of -----	0	0	0	0
Spain -----	368	6,683	359	3,593
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
Total-----	23,674	14,389	939	4,254
Other countries:				
Canada -----	25,200	33,527	1,996	3,572
Sweden -----	7,849	14,491	673	896
Total-----	33,049	48,018	2,669	4,468
Grand total-----	56,723	62,407	3,608	8,722

Table 21.--Stainless semifinished steel: U.S. imports for consumption, by specified sources 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia -----	0	0	0	0
Austria -----	0	234	0	0
Brazil -----	3,904	542	0	0
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	4,418	6,353	0	276
Finland -----	0	0	0	0
Hungary -----	0	0	0	0
Japan -----	3,581	2,906	820	507
Mexico -----	0	0	0	0
Peoples Rep of China -----	0	0	0	0
Poland -----	0	102	0	0
Portugal -----	0	0	0	0
Romania -----	0	0	0	0
Republic of South Africa -----	0	0	0	0
Korea, Republic of -----	0	0	0	0
Spain -----	1,566	6,767	1,903	2,417
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
Total -----	13,469	16,904	2,723	3,200
Other countries:				
Canada -----	25,133	52,871	2,208	6,098
Sweden -----	7,692	23,240	941	1,755
Total -----	32,825	76,111	3,149	7,853
Grand total -----	46,294	93,015	5,872	11,053

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 22.--Stainless steel plate: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia -----	0	0	0	0
Austria -----	96	249	1/	11
Brazil -----	36	0	0	0
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries-----	5,278	7,364	934	774
Finland -----	2,369	2,730	96	77
Hungary -----	0	0	0	0
Japan -----	1,558	2,225	60	194
Mexico -----	2	0	0	4
Peoples Rep of China -----	0	0	0	0
Poland -----	0	0	0	0
Portugal -----	0	0	0	0
Romania -----	0	0	0	0
Republic of South Africa -----	0	0	0	0
Korea, Republic of -----	0	125	0	0
Spain -----	0	0	0	0
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
Total-----	9,339	12,693	1,090	1,060
Other countries:				
Sweden -----	1,744	2,779	114	152
Canada -----	34	371	13	103
anguilla-----	0	5	0	0
Belgium -----	0	0	0	279
Total-----	1,778	3,155	127	534
Grand total-----	11,117	15,848	1,217	1,594

See footnote(s) at end of table.

Table 22.--Stainless steel plate: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia -----	0	0	0	0
Austria -----	366	953	6	34
Brazil -----	56	0	0	0
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	9,256	15,635	1,572	2,220
Finland -----	3,590	6,147	164	226
Hungary -----	0	0	0	0
Japan -----	2,339	4,514	95	535
Mexico -----	2	0	0	3
Peoples Rep of China -----	0	0	0	0
Poland -----	0	0	0	0
Portugal -----	0	0	0	0
Romania -----	0	0	0	0
Republic of South Africa -----	0	0	0	0
Korea, Republic of -----	0	50	0	0
Spain -----	0	0	0	0
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
Total -----	15,609	27,299	1,837	3,018
Other countries:				
Sweden -----	3,986	6,775	262	346
Canada -----	33	889	24	241
anguilla -----	0	9	0	0
Belgium -----	0	0	0	599
Total -----	4,019	7,673	286	1,186
Grand total -----	19,628	34,972	2,123	4,204

1/ Less than 0.5 short ton.

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 23.--Stainless steel sheet and strip: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia -----	0	0	0	0
Austria -----	52	29	0	2
Brazil -----	550	313	0	0
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	41,504	46,605	3,879	5,307
Finland -----	6,296	6,045	268	157
Hungary -----	0	0	0	0
Japan -----	25,733	22,393	1,970	3,906
Mexico -----	18,819	8,814	537	201
Peoples Rep of China -----	21	0	0	0
Poland -----	0	0	0	0
Portugal -----	0	0	0	0
Romania -----	0	0	0	0
Republic of South Africa -----	0	0	0	0
Korea, Republic of -----	9,450	7,845	1,536	823
Spain -----	13,700	14,153	451	863
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	5	0	0
Yugoslavia -----	0	0	0	0
Total -----	116,125	106,202	8,641	11,259
Other countries:				
Sweden -----	7,493	8,433	538	515
Canada -----	4,892	3,838	445	373
India -----	341	90	0	0
Honduras -----	0	19	0	0
Peru -----	0	2	0	0
Antigua -----	1	0	0	0
Norway -----	37	0	0	0
Belgium -----	0	0	0	345
Jordan -----	19	0	0	0
Hong Kong -----	41	0	0	0
All others -----	345	0	0	0
Total -----	13,169	12,382	983	1,233
Grand total -----	129,294	118,584	9,624	12,492

Table 23.--Stainless steel sheet and strip: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia -----	0	0	0	0
Austria -----	202	136	0	11
Brazil -----	675	480	0	0
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	65,434	91,017	6,482	11,007
Finland -----	9,834	13,459	499	456
Hungary -----	0	0	0	0
Japan -----	43,684	50,112	3,584	7,538
Mexico -----	30,157	16,454	829	287
Peoples Rep of China -----	29	0	0	0
Poland -----	0	0	0	0
Portugal -----	0	0	0	0
Romania -----	0	0	0	0
Republic of South Africa -----	0	0	0	0
Korea, Republic of -----	14,459	17,343	2,296	1,998
Spain -----	20,342	31,308	690	1,740
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	21	0	0
Yugoslavia -----	0	0	0	0
Total -----	184,816	220,330	14,380	23,037
Other countries:				
Sweden -----	17,785	24,684	1,179	1,783
Canada -----	8,019	9,552	782	1,104
India -----	492	172	0	0
Honduras -----	0	35	0	0
Peru -----	0	26	0	0
Antigua -----	11	0	0	0
Norway -----	16	0	0	0
Belgium -----	0	0	0	845
All others -----	560	0	0	0
Total -----	26,883	34,469	1,961	3,732
Grand total -----	211,699	254,799	16,341	26,769

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 24.--Stainless steel bars and shapes: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia -----	0	0	0	0
Austria -----	94	183	21	21
Brazil -----	1,450	3,827	185	523
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries-----	5,899	8,421	1,663	590
Finland -----	0	0	0	0
Hungary -----	0	0	0	0
Japan -----	19,259	16,715	1,429	1,316
Mexico -----	0	49	2	0
Peoples Rep of China -----	4	2	2	0
Poland -----	0	0	0	0
Portugal -----	0	0	0	0
Romania -----	0	18	0	0
Republic of South Africa -----	0	0	0	0
Korea, Republic of -----	2,582	1,604	138	591
Spain -----	3,826	4,285	233	172
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
Total-----	33,114	35,104	3,673	3,213
Other countries:				
Sweden -----	3,200	3,708	578	204
Canada -----	1,269	1,641	176	76
India -----	126	224	57	42
Taiwan -----	59	49	6	0
Hong Kong -----	0	1/	0	0
Switzerland -----	66	1/	0	1/
Argentina -----	111	0	0	49
Bulgaria -----	46	0	0	0
Indonesia -----	0	0	0	2
Total-----	4,877	5,622	817	373
Grand total-----	37,991	40,726	4,490	3,586

See footnote(s) at end of table.

Table 24.--Stainless steel bars and shapes: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia -----	0	0	0	0
Austria -----	257	412	53	48
Brazil -----	2,503	5,743	289	1,483
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	11,437	19,765	3,299	1,840
Finland -----	0	0	0	0
Hungary -----	0	0	0	0
Japan -----	36,707	40,671	2,798	3,898
Mexico -----	0	163	4	0
Peoples Rep of China -----	75	40	40	0
Poland -----	0	0	0	0
Portugal -----	0	0	0	0
Romania -----	0	30	0	0
Republic of South Africa -----	0	0	0	0
Korea, Republic of -----	4,294	3,389	192	1,691
Spain -----	6,889	10,122	439	536
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
Total -----	62,162	80,335	7,114	9,496
Other countries:				
Sweden -----	6,180	8,981	1,134	648
Canada -----	2,136	3,608	325	312
India -----	199	420	90	90
Taiwan -----	108	162	17	0
Hong Kong -----	0	3	0	0
Switzerland -----	129	1	0	1
Argentina -----	201	0	0	87
Bulgaria -----	70	0	0	0
Indonesia -----	0	0	0	53
Total -----	9,023	13,175	1,566	1,191
Grand total -----	71,185	93,510	8,680	10,687

1/ Less than 0.5 short ton.

Source: Compiled from official statistics of the U.S. Department of Commerce. 41

Table 25.--Stainless steel wire rod: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia -----	0	0	0	0
Austria -----	0	49	0	0
Brazil -----	874	964	181	0
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	5,482	6,898	736	767
Finland -----	0	0	0	0
Hungary -----	0	0	0	0
Japan -----	5,544	5,483	401	510
Mexico -----	0	0	0	0
Peoples Rep of China -----	0	0	0	0
Poland -----	0	0	0	0
Portugal -----	0	0	0	0
Romania -----	0	0	0	0
Republic of South Africa -----	0	0	0	0
Korea, Republic of -----	868	375	95	25
Spain -----	1,542	1,979	270	365
Trinidad and Tobago -----	0	138	0	0
Venezuela -----	0	0	0	0
Yugoslavia -----	0	17	17	0
Total -----	14,310	15,903	1,700	1,667
Other countries:				
Sweden -----	3,955	3,159	315	304
Taiwan -----	47	148	0	0
Canada -----	0	1/	0	0
Total -----	4,002	3,307	315	304
Grand total -----	18,312	19,210	2,015	1,971

See footnote(s) at end of table.

Table 25.--Stainless steel wire rod: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia -----	0	0	0	0
Austria -----	0	68	0	0
Brazil -----	1,224	1,543	246	0
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	11,089	17,917	1,354	1,899
Finland -----	0	0	0	0
Hungary -----	0	0	0	0
Japan -----	8,927	11,611	642	1,416
Mexico -----	0	0	0	0
Peoples Rep of China -----	0	0	0	0
Poland -----	0	0	0	0
Portugal -----	0	0	0	0
Romania -----	0	0	0	0
Republic of South Africa -----	0	0	0	0
Korea, Republic of -----	1,150	552	132	60
Spain -----	2,539	5,122	499	1,089
Trinidad and Tobago -----	0	202	0	0
Venezuela -----	0	0	0	0
Yugoslavia -----	0	22	22	0
Total -----	24,929	37,037	2,895	4,464
Other countries:				
Sweden -----	6,995	7,916	597	978
Taiwan -----	72	328	0	0
Canada -----	0	2	0	0
Total -----	7,067	8,246	597	978
Grand total -----	31,996	45,283	3,492	5,442

1/ Less than 0.5 short ton.

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 26.--Stainless steel wire: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia -----	1/	1/	1/	1/
Austria -----	37	25	0	0
Brazil -----	188	156	1/	22
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	6,763	7,713	551	454
Finland -----	0	0	0	0
Hungary -----	0	0	0	0
Japan -----	4,254	4,719	389	687
Mexico -----	0	1	0	0
Peoples Rep of China -----	0	0	0	0
Poland -----	71	0	0	0
Portugal -----	0	0	0	0
Romania -----	0	0	0	0
Republic of South Africa -----	0	0	0	0
Korea, Republic of -----	884	986	196	121
Spain -----	621	388	51	188
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	3	0	0
Yugoslavia -----	0	0	0	0
Total -----	12,818	13,991	1,187	1,472
Other countries:				
Sweden -----	2,555	2,685	161	301
Canada -----	2,043	2,277	156	182
Taiwan -----	1,462	1,221	17	36
Switzerland -----	47	268	19	19
India -----	77	209	0	44
Singapore -----	0	1/	0	0
Belgium -----	0	0	0	126
Israel -----	65	0	0	0
New Zealand -----	15	0	0	0
Total -----	6,264	6,660	353	708
Grand total -----	19,082	20,651	1,540	2,180

See footnote(s) at end of table.

Table 26.--Stainless steel wire: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia -----	64	39	16	13
Austria -----	172	117	0	0
Brazil -----	282	304	3	69
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries-----	17,601	23,826	1,438	1,697
Finland -----	0	0	0	0
Hungary -----	0	0	0	0
Japan -----	13,957	18,705	1,471	2,530
Mexico -----	0	6	0	0
Peoples Rep of China -----	0	0	0	0
Poland -----	16	0	0	0
Portugal -----	0	0	0	0
Romania -----	0	0	0	0
Republic of South Africa -----	0	0	0	0
Korea, Republic of -----	2,240	3,044	481	478
Spain -----	1,280	1,096	107	588
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	11	0	0
Yugoslavia -----	0	0	0	0
Total-----	35,612	47,148	3,516	5,375
Other countries:				
Sweden -----	10,548	12,922	652	1,842
Canada -----	6,960	9,650	581	992
Taiwan -----	3,797	3,824	54	157
Switzerland -----	170	1,254	68	74
India -----	159	414	0	101
Singapore -----	0	5	0	0
Belgium -----	0	0	0	462
Israel -----	85	0	0	0
All others-----	49	0	0	0
Total-----	21,768	28,069	1,355	3,628
Grand total-----	57,380	75,217	4,871	9,003

1/ Less than 0.5 short ton.

Source: Compiled from official statistics of the U.S. Department of Commerce. 45

Table 27.--Stainless steel pipe and tube: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia -----	0	23	1/	0
Austria -----	395	756	81	104
Brazil -----	0	0	0	0
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	4,430	6,694	998	1,104
Finland -----	0	1/	0	0
Hungary -----	0	0	0	0
Japan -----	7,208	8,365	1,022	930
Mexico -----	781	950	13	0
Peoples Rep of China -----	0	0	0	4
Poland -----	0	0	0	0
Portugal -----	0	0	0	0
Romania -----	0	0	0	0
Republic of South Africa -----	0	0	0	0
Korea, Republic of -----	517	392	71	72
Spain -----	88	388	69	62
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
Total-----	13,419	17,568	2,254	2,276
Other countries:				
Canada -----	5,432	6,925	631	692
Taiwan -----	3,571	6,809	649	184
Sweden -----	4,016	5,253	192	235
Thailand -----	0	188	0	66
India -----	0	4	0	0
Israel -----	1/	4	1/	0
Switzerland -----	2	1	1/	5
New Zealand -----	0	1/	0	0
Norway -----	1/	0	0	0
Malaysia -----	1/	0	0	0
All others -----	6	0	0	0
Total-----	13,027	19,184	1,472	1,182
Grand total-----	26,446	36,752	3,726	3,458

See footnote(s) at end of table.

Table 27.--Stainless steel pipe and tube: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia -----	0	135	5	0
Austria -----	1,637	4,157	301	749
Brazil -----	0	0	0	0
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	14,405	25,735	3,128	5,354
Finland -----	0	1	0	0
Hungary -----	0	0	0	0
Japan -----	22,587	31,923	3,597	4,652
Mexico -----	1,654	2,891	31	0
Peoples Rep of China -----	0	0	0	12
Poland -----	0	0	0	0
Portugal -----	0	0	0	0
Romania -----	0	0	0	0
Republic of South Africa -----	0	0	0	0
Korea, Republic of -----	1,412	1,255	197	153
Spain -----	282	1,726	252	330
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
Total -----	41,977	67,823	7,511	11,250
Other countries:				
Canada -----	17,196	24,048	1,749	3,190
Taiwan -----	9,190	21,308	1,765	704
Sweden -----	12,414	22,285	785	1,036
Thailand -----	0	458	0	145
India -----	0	17	0	0
Israel -----	49	77	3	0
Switzerland -----	168	177	16	38
New Zealand -----	0	2	0	0
All others -----	25	0	0	0
Total -----	39,042	68,372	4,318	5,113
Grand total -----	81,019	136,195	11,829	16,363

1/ Less than 0.5 short ton.

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 28.--Alloy tool steel (all forms): U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia -----	19	0	0	0
Austria -----	2,693	2,538	263	253
Brazil -----	997	1,920	110	446
Czechoslovakia -----	0	21	0	0
East Germany -----	0	4	0	0
EC countries -----	10,302	12,795	1,998	3,414
Finland -----	22	5	0	0
Hungary -----	0	0	0	0
Japan -----	6,077	4,416	359	2,472
Mexico -----	139	346	32	35
Peoples Rep of China -----	1/	103	0	0
Poland -----	304	249	20	60
Portugal -----	0	0	0	0
Romania -----	0	0	0	0
Republic of South Africa -----	0	0	0	0
Korea, Republic of -----	1,388	779	115	52
Spain -----	47	30	0	0
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
Total-----	21,988	23,206	2,897	6,732
Other countries:				
Sweden -----	11,669	12,254	1,335	1,680
Canada -----	6,868	8,573	561	612
Argentina -----	70	42	0	32
India -----	0	19	0	1/
Switzerland -----	1/	1/	0	0
Malaysia -----	2	0	0	0
Taiwan -----	1/	0	0	0
Total-----	18,609	20,888	1,896	2,324
Grand total-----	40,597	44,094	4,793	9,056

See footnote(s) at end of table.

Table 28.--Alloy tool steel (all forms): U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia -----	31	0	0	0
Austria -----	5,895	6,561	584	595
Brazil -----	1,349	3,560	178	650
Czechoslovakia -----	0	33	0	0
East Germany -----	0	6	0	0
EC countries -----	18,504	23,173	3,300	4,268
Finland -----	37	15	0	0
Hungary -----	0	0	0	0
Japan -----	12,370	14,883	1,228	2,204
Mexico -----	142	434	42	70
Peoples Rep of China -----	4	149	0	0
Poland -----	454	468	30	115
Portugal -----	0	0	0	0
Romania -----	0	0	0	0
Republic of South Africa -----	0	0	0	0
Korea, Republic of -----	2,097	1,303	180	91
Spain -----	54	40	0	0
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
Total-----	40,937	50,625	5,542	7,993
Other countries:				
Sweden -----	28,049	30,589	3,286	2,564
Canada -----	9,342	12,019	823	917
Argentina -----	122	65	0	50
India -----	0	16	0	4
Switzerland -----	2	2	0	0
Malaysia -----	1	0	0	0
Taiwan -----	1	0	0	0
Total-----	37,517	42,691	4,109	3,535
Grand total-----	78,454	93,316	9,651	11,528

1/ Less than 0.5 short ton.

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 29.--Total, stainless and alloy tool steel products: U.S. imports for consumption, by principal sources, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia -----	20	24	1/	1/
Austria -----	3,368	3,901	366	391
Brazil -----	17,456	8,863	477	991
Czechoslovakia -----	0	21	0	0
East Germany -----	0	4	0	0
EC countries -----	85,998	100,430	10,759	12,808
Finland -----	8,687	8,780	364	234
Hungary -----	0	0	0	0
Japan -----	73,238	66,251	6,210	10,279
Mexico -----	19,741	10,160	583	240
Peoples Rep of China -----	26	106	2	4
Poland -----	375	323	20	60
Portugal -----	0	0	0	0
Romania -----	0	18	0	0
Republic of South Africa -----	0	0	0	0
Korea, Republic of -----	15,689	12,105	2,151	1,684
Spain -----	20,193	27,906	1,433	5,242
Trinidad and Tobago -----	0	138	0	0
Venezuela -----	0	7	0	0
Yugoslavia -----	0	17	17	0
Total-----	244,791	239,054	22,382	31,933
Other countries:				
Canada -----	45,739	57,153	3,978	5,609
Sweden -----	42,482	52,761	3,907	4,287
Taiwan -----	5,484	8,227	672	221
India -----	544	546	57	86
Switzerland -----	116	270	19	24
Thailand -----	0	188	0	66
Argentina -----	181	42	0	81
Honduras -----	0	19	0	0
anguilla-----	0	5	0	0
Israel -----	65	4	1/	0
All others-----	167	4	0	752
Total-----	94,778	119,219	8,633	11,126
Grand total-----	339,569	358,273	31,015	43,059

See footnote(s) at end of table.

Table 29.--Total, stainless and alloy tool steel products: U.S. imports for consumption, by principal sources, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia -----	95	174	21	13
Austria -----	8,529	12,639	944	1,437
Brazil -----	9,993	12,173	715	2,202
Czechoslovakia -----	0	33	0	0
East Germany -----	0	6	0	0
EC countries-----	152,144	223,422	20,573	28,563
Finland -----	13,461	19,623	662	682
Hungary -----	0	0	0	0
Japan -----	144,150	175,325	14,234	23,280
Mexico -----	31,955	19,948	905	360
Peoples Rep of China -----	108	189	40	12
Poland -----	470	570	30	115
Portugal -----	0	0	0	0
Romania -----	0	30	0	0
Republic of South Africa -----	0	0	0	0
Korea, Republic of -----	25,652	26,936	3,478	4,471
Spain -----	32,952	56,181	3,891	6,700
Trinidad and Tobago -----	0	202	0	0
Venezuela -----	0	32	0	0
Yugoslavia -----	0	22	22	0
Total-----	419,509	547,505	45,515	67,835
Other countries:				
Canada -----	68,819	112,639	6,493	12,854
Sweden -----	93,649	137,391	8,836	10,953
Taiwan -----	13,631	25,622	1,836	861
India -----	851	1,039	90	195
Switzerland -----	469	1,434	84	113
Thailand -----	0	458	0	145
Argentina -----	323	65	0	137
Honduras -----	0	35	0	0
anguilla-----	0	9	0	0
Israel -----	134	77	3	0
All others-----	269	35	0	1,959
Total-----	178,145	278,804	17,342	27,217
Grand total-----	597,654	826,309	62,857	95,052

1/ Less than 0.5 short tons

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Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 30.--Steel mill products and certain fabricated steel products: Unit value of U.S. imports for consumption, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987		1988		January	
					1988	1989
(Per short ton)						
Carbon and certain alloy 1/ steel:						
Semifinished 2/						
Plate	211	240	215	271		
Sheet and strip:	332	405	362	382		
Hot rolled:						
Cold rolled	308	364	322	383		
Galvanized	449	509	477	537		
Tin plate	503	552	513	555		
Tin free	533	567	524	597		
Other coated	509	562	511	540		
Average, sheet and strip:	528	590	567	601		
Bar:	433	481	452	492		
Hot finished						
Cold finished	369	406	383	432		
Reinforcing	831	598	526	629		
Light shapes	248	262	224	288		
Average, bar	315	382	303	347		
Wire	600	396	378	412		
Wire products	313	347	341	372		
Structural shapes and units:	631	691	635	717		
Heavy structurals	628	659	632	710		
Fabricated structurals	304	376	333	383		
Average, structurals	898	939	852	1,015		
Rails and related products:	378	436	402	436		
Pipe and tube:	325	383	360	512		
Oil country tubular goods:						
Line pipe	536	730	572	708		
Mechanical pipe	421	529	435	583		
Structural pipe	623	675	621	681		
Pressure tubing	368	507	452	564		
Other (incl. standard)	688	793	668	842		
Average, pipe and tube	415	487	450	501		
Average, carbon and certain alloy 1/ steel:	459	600	506	602		
	399	450	413	476		

See footnotes at end of table.

Table 30.--Steel mill products and certain fabricated steel products: Unit value of U.S. imports for consumption, 1987, 1988, and by specified periods, 1988 and 1989
(Per short ton)

Item	1987		1988		January	
					1988	1989
Stainless and alloy tool steel:						
Stainless steel:						
Semifinished 2/			1,490		1,627	1,267
Plate	816		2,207		1,743	2,639
Sheet and strip:						
Sheet	1,566		2,067		1,621	1,970
Strip	2,555		3,331		2,393	2,898
Average, sheet and strip:	1,637		2,149		1,698	2,143
Bars and shapes	1,874		2,296		1,933	2,981
Wire rod	1,747		2,357		1,734	2,761
Wire	3,007		3,642		3,160	4,133
Pipe and tube	3,063		3,706		3,175	4,732
Alloy tool steel (all forms)-	1,932		2,116		2,013	1,273
Average, stainless and alloy steel	1,760		2,306		2,027	2,207

1/ Including alloy steel other than stainless or tool steel.

2/ Semifinished steel includes ingots, blooms, billets, slabs, and steel bars.

Source: Compiled from data of the American Iron & Steel Institute, and official statistics of the U.S. Department of Commerce.

Table 31.-- Steel mill products and certain fabricated steel products: U.S. imports for consumption of specified products and imports as a percent of major product groupings, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January	
			1988	1989
Quantity (short tons)				
Carbon and certain alloy <u>3/</u> steel:				
Semifinished <u>2/</u>				
Ingots-----	103,967	103,282	234	688
Blooms and billets-----	426,208	581,907	63,526	99,010
Slabs and sheet bars-----	1,702,095	2,097,383	207,704	66,374
Total-----	2,232,270	2,782,572	271,464	166,072
Plate:				
Carbon-----	1,450,898	1,750,917	138,683	171,117
Alloy-----	104,678	106,172	8,963	9,391
Total-----	1,555,577	1,857,090	147,646	180,508
Sheet and strip:				
Hot rolled:				
Sheet-----	2,123,804	2,199,268	163,901	205,836
Strip-----	43,197	49,553	3,653	11,702
Cold rolled:				
Black plate-----	159,779	145,166	14,817	13,872
Electrical-----	64,822	64,684	4,502	11,133
Other sheet-----	2,156,348	2,011,242	166,375	160,792
Other strip-----	135,227	126,534	14,490	10,800
Galvanized-----	2,306,233	1,948,811	202,527	122,974
Tin plate-----	332,306	294,552	20,463	30,813
Tin free-----	101,172	97,460	6,376	9,933
Other coated-----	323,709	248,111	22,291	29,297
Total-----	7,746,596	7,185,380	619,395	607,151
Bar:				
Hot rolled:				
Carbon-----	443,037	476,951	31,327	44,834
Alloy-----	160,811	186,902	19,182	14,156
Cold rolled:				
Carbon-----	152,283	161,345	15,120	12,830
Alloy-----	40,927	52,093	4,070	4,595
Reinforcing-----	351,632	357,253	22,652	32,392
Light structural shapes-----	132,477	126,568	12,004	13,807
Total-----	1,281,168	1,361,113	104,356	122,614

See footnotes at end of table.

Table 31.-- Steel mill products and certain fabricated steel products: U.S. imports for consumption of specified products and imports as a percent of major product groupings, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January	
			1988	1989
Quantity (short tons)				
Wire rod and related products:				
Wire rod:				
Carbon-----	1,341,257	1,355,951	99,759	107,242
Alloy-----	107,463	118,672	8,226	9,590
Wire:				
Carbon-----	504,898	486,699	42,124	40,220
Alloy-----	31,999	33,028	2,796	3,078
Wire products:				
Nails-----	440,746	364,748	32,488	32,961
Barbed wire-----	16,643	15,538	1,741	1,524
Wire fencing-----	13,263	12,052	886	4,045
Bale ties-----	1,719	1,849	226	234
Wire strand-----	98,898	88,300	9,162	10,100
Wire rope-----	65,683	77,564	7,469	11,692
Milliners wire 1/-----	12,426	12,400	1,465	0
Total-----	2,634,993	2,566,801	206,342	220,685
Structurals:				
Heavy-----	1,884,684	1,955,762	143,772	200,843
Fabricated-----	268,985	232,705	22,169	18,740
Total-----	2,153,669	2,188,467	165,941	219,582
Rails and related products:				
Rails-----	213,530	260,006	24,982	26,540
Joint bars and tie plates-----	13,969	8,487	39	572
Track spikes-----	370	205	0	804
Wheels and axles-----	18,120	50,734	2,997	9,462
Total-----	245,988	319,432	28,019	37,377
Pipes and tubes:				
Oil country tubular goods-----	594,463	1,032,296	100,708	46,137
Line pipe-----	526,047	507,914	49,297	45,822
Mechanical pipe-----	284,807	382,270	33,589	43,419
Structural pipe-----	428,758	278,870	27,182	37,026
Pressure tubing-----	27,122	52,100	4,667	7,264
Other (including standard)-----	887,446	996,487	114,106	77,429
Total-----	2,748,644	3,249,937	329,550	257,098

See footnotes at end of table.

Table 31.-- Steel mill products and certain fabricated steel products: U.S. imports for consumption of specified products and imports as a percent of major product groupings, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January	
			1988	1989
Quantity (short tons)				
Stainless and alloy tool steel:				
Stainless:				
Semifinished:				
Ingots-----	1,106	3,877	45	8
Blooms and billets-----	48,955	40,772	2,554	4,912
Slabs and sheet bars-----	6,664	17,758	1,010	3,803
Total-----	56,725	62,407	3,609	8,723
Plate-----	11,118	15,847	1,218	1,593
Sheet and strip:				
Sheet:				
Hot rolled-----	5,179	7,331	532	1,390
Cold rolled-----	114,806	103,577	8,135	8,776
Strip-----	9,309	7,676	956	2,328
Total-----	129,295	118,584	9,624	12,493
Bars and shapes-----	37,991	40,724	4,491	3,586
Wire rod-----	18,311	19,210	2,014	1,971
Wire-----	19,084	20,653	1,541	2,178
Pipe and tube-----	26,448	36,752	3,726	3,458
Alloy tool steel (all forms):				
Semifinished <u>2</u> /-----	6,880	4,408	252	0
Bars-----	19,792	28,867	2,801	97
Other-----	13,927	10,820	1,742	8,961
Total-----	40,599	44,095	4,794	9,057

See footnotes at end of table.

Table 31.-- Steel mill products and certain fabricated steel products: U.S. imports for consumption of specified products and imports as a percent of major product groupings, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January	
			1988	1989
Share of product group totals (percent)				
Carbon and certain alloy <u>3/</u> steel:				
Semifinished <u>2/</u>				
Ingots-----	4.66	3.71	0.09	0.41
Blooms and billets-----	19.09	20.91	23.40	59.62
Slabs and sheet bars-----	76.25	75.38	76.51	39.97
Total-----	100.00	100.00	100.00	100.00
Plate:				
Carbon-----	93.27	94.28	93.93	94.80
Alloy-----	6.73	5.72	6.07	5.20
Total-----	100.00	100.00	100.00	100.00
Sheet and strip:				
Hot rolled:				
Sheet-----	27.42	30.61	26.46	33.90
Strip-----	0.56	0.69	0.59	1.93
Cold rolled:				
Black plate-----	2.06	2.02	2.39	2.28
Electrical-----	0.84	0.90	0.73	1.83
Other sheet-----	27.84	27.99	26.86	26.48
Other strip-----	1.75	1.76	2.34	1.78
Galvanized-----	29.77	27.12	32.70	20.25
Tin plate-----	4.29	4.10	3.30	5.07
Tin free-----	1.31	1.36	1.03	1.64
Other coated-----	4.18	3.45	3.60	4.83
Total-----	100.00	100.00	100.00	100.00
Bar:				
Hot rolled:				
Carbon-----	34.58	35.04	30.02	36.57
Alloy-----	12.55	13.73	18.38	11.54
Cold rolled:				
Carbon-----	11.89	11.85	14.49	10.46
Alloy-----	3.19	3.83	3.90	3.75
Reinforcing-----	27.45	26.25	21.71	26.42
Light structural shapes-----	10.34	9.30	11.50	11.26
Total-----	100.00	100.00	100.00	100.00

See footnotes at end of table.

Table 31.-- Steel mill products and certain fabricated steel products: U.S. imports for consumption of specified products and imports as a percent of major product groupings, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987	1988	January	
			1988	1989
Share of product group totals (percent)				
Wire rod and related products:				
Wire rod:				
Carbon-----	50.90	52.83	48.35	48.60
Alloy-----	4.08	4.62	3.99	4.35
Wire:				
Carbon-----	19.16	18.96	20.41	18.23
Alloy-----	1.21	1.29	1.36	1.39
Wire products:				
Nails-----	16.73	14.21	15.74	14.94
Barbed wire-----	0.63	0.61	0.84	0.69
Wire fencing-----	0.50	0.47	0.43	1.83
Bale ties-----	0.07	0.07	0.11	0.11
Wire strand-----	3.75	3.44	4.44	4.58
Wire rope-----	2.49	3.02	3.62	5.30
Milliners wire 1/-----	0.47	0.48	0.71	0.00
Total-----	100.00	100.00	100.00	100.00
Structurals:				
Heavy-----	87.51	89.37	86.64	91.47
Fabricated-----	12.49	10.63	13.36	8.53
Total-----	100.00	100.00	100.00	100.00
Rails and related products:				
Rails-----	86.80	81.40	89.16	71.01
Joint bars and tie plates-----	5.68	2.66	0.14	1.53
Track spikes-----	0.15	0.06	0.00	2.15
Wheels and axles-----	7.37	15.88	10.70	25.31
Total-----	100.00	100.00	100.00	100.00
Pipes and tubes:				
Oil country tubular goods-----	21.63	31.76	30.56	17.95
Line pipe-----	19.14	15.63	14.96	17.82
Mechanical pipe-----	10.36	11.76	10.19	16.89
Structural pipe-----	15.60	8.58	8.25	14.40
Pressure tubing-----	0.99	1.60	1.42	2.83
Other (including standard)-----	32.29	30.66	34.62	30.12
Total-----	100.00	100.00	100.00	100.00

See footnotes at end of table.

Table 31.-- Steel mill products and certain fabricated steel products: U.S. imports for consumption of specified products and imports as a percent of major product groupings, 1987, 1988, and by specified periods, 1988 and 1989--Continued

Item	1987		1988		January	
					1988	1989
Share of product group totals (percent)						
Stainless and alloy tool steel:						
Stainless:						
Semifinished:						
Ingots-----	1.95	6.21	1.24	0.09		
Blooms and billets-----	86.30	65.33	70.78	56.31		
Slabs and sheet bars-----	11.75	28.45	27.98	43.59		
Total-----	100.00	100.00	100.00	100.00		
Plate-----	100.00	100.00	99.99	100.00		
Sheet and strip:						
Sheet:						
Hot rolled-----	4.01	6.18	5.53	11.12		
Cold rolled-----	88.79	87.34	84.53	70.25		
Strip-----	7.20	6.47	9.94	18.63		
Total-----	100.00	100.00	100.00	100.00		
Bars and shapes-----	100.00	100.00	100.00	100.00		
Wire rod-----	100.00	100.00	100.02	99.99		
Wire-----	100.00	100.00	99.98	99.99		
Pipe and tube-----	100.00	100.00	100.00	100.00		
Alloy tool steel (all forms):						
Semifinished ^{2/} -----	16.95	10.00	5.25	0.00		
Bars-----	48.75	65.47	58.42	1.07		
Other-----	34.30	24.54	36.34	98.94		
Total-----	100.00	100.00	100.00	100.00		

^{1/} Milliners wire is included in total wire products.

^{2/} Semifinished steel includes ingots, blooms, billets, slabs, and sheet bars.

^{3/} Certain alloy refers to alloy steel other than stainless or tool steel.

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 32.--Steel mill products and certain fabricated steel products:
U.S. imports for consumption, by customs areas, 1987, 1988, and by
specified periods, 1988 and 1989

(Short tons)

Item	1987		1988		January	
					1988	1989
Atlantic Coast	4,673,187	4,743,215	469,542	547,472		
Great Lakes-Canadian border	6,594,724	6,342,613	317,956	361,842		
Gulf Coast-Mexican border	4,930,247	5,938,464	629,400	496,056		
Off-shore	374,262	403,506	23,557	41,693		
Pacific Coast	4,366,056	4,541,267	463,277	407,082		
Total	20,938,475	21,869,065	1,903,729	1,854,146		

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 33.--Steel mill products and certain fabricated steel products: U.S. imports, for consumption through the Atlantic Coast customs area, 1987, 1988, and by specified periods, 1988 and 1989
(Short tons)

Item	January		
	1987	1988	1989
Carbon and certain alloy 1/ steel:			
Semifinished 2/		471,964	38,413
Plate	384,562	331,537	34,395
Sheet and strip	258,880	1,771,637	214,331
Bars and certain shapes	1,900,352	220,708	16,599
Wire rod	222,055	297,606	25,291
Wire	310,731	108,857	10,855
Wire products	119,558	220,011	16,163
Structural shapes and units	266,335	602,240	42,635
Rails and related products	581,450	36,885	2,890
Pipe and tube	25,273	523,784	52,371
Total	462,405	4,585,229	453,943
Stainless and alloy tool steel:			
Stainless steel:			
Semifinished 2/			
Plate	15,595	24,249	1,590
Sheet and strip	4,167	6,134	329
Bars and certain shapes	42,918	45,874	3,850
Wire rod	19,945	22,371	2,904
Wire	13,117	13,526	1,621
Pipe and tube	10,357	10,593	917
Tool steel (all forms)	10,147	12,391	1,136
Total	25,340	22,848	3,253
Grand Total	141,586	15,986	15,598
	4,673,187	4,743,215	469,542
			523,788
			4,753
			597
			5,591
			2,157
			1,648
			1,081
			1,178
			6,679
			23,684
			547,472

1/ Certain alloy refers to alloy steel other than stainless or tool steel.
2/ Semifinished steel includes ingots, blooms, billets, slabs, and steel bars.

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 34.--Steel mill products and certain fabricated steel products: U.S. imports, for consumption through the Great Lakes-Canadian border customs area, 1987, 1988, and by specified periods, 1988 and 1989 (Short tons)

Item	1987		1988		January	
					1988	1989
Carbon and certain alloy 1/ steel:						
Semifinished 2/	498,851	414,978	1,426	6,359		
Plate	663,496	723,681	39,551	31,361		
Sheet and strip	2,630,195	2,396,464	83,311	100,123		
Bars and certain shapes	561,285	625,771	40,487	44,984		
Wire rod	565,070	545,070	36,387	42,978		
Wire	251,126	253,271	20,221	23,591		
Wire products	95,457	83,750	7,863	8,084		
Structural shapes and units	566,003	522,423	31,395	27,166		
Rails and related products	107,729	179,981	16,021	16,381		
Pipe and tube	564,259	488,579	35,184	50,845		
Total	6,503,470	6,233,970	311,846	351,872		
Stainless and alloy tool steel:						
Stainless steel:						
Semifinished 2/	27,149	34,966	1,996	3,572		
Plate	1,971	3,246	70	137		
Sheet and strip	34,156	33,923	1,402	2,887		
Bars and certain shapes	4,170	4,098	391	84		
Wire rod	1,047	661	36	41		
Wire	4,794	6,053	350	625		
Pipe and tube	6,134	7,833	684	771		
Tool steel (all forms)	11,832	17,864	1,179	1,853		
Total	91,234	108,644	6,107	9,270		
Grand Total	6,594,724	6,342,613	317,954	361,842		

1/ Certain alloy refers to alloy steel other than stainless or tool steel.
2/ Semifinished steel includes ingots, blooms, billets, slabs, and steel bars.

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 35.--Steel mill products and certain fabricated steel products: U.S. imports, for consumption through the Gulf Coast-Mexican border customs area, 1987, 1988, and by specified periods, 1988 and 1989

(Short tons)

Item	1987		1988		January	
Carbon and certain alloy 1/						
steel:						
Semifinished 2/						
Plate	866,421	1,061,770	111,891	66,110		
Sheet and strip	419,658	567,614	60,061	52,229		
Bars and certain shapes	1,515,043	1,558,244	193,560	150,416		
Wire rod	131,573	137,056	16,665	20,488		
Wire	257,709	349,946	33,606	27,292		
Wire products	76,094	64,524	6,162	5,310		
Structural shapes and units	107,410	105,823	12,739	10,029		
Rails and related products	473,758	493,074	40,519	53,803		
Pipe and tube	61,358	64,016	4,602	15,722		
Total	959,115	1,493,874	145,529	90,599		
Total	4,868,139	5,895,942	625,334	491,999		
Stainless and alloy tool steel:						
Stainless steel:						
Semifinished 2/						
Plate	13,974	3,131	00	397		
Sheet and strip	2,714	3,233	730	639		
Bars and certain shapes	29,042	16,038	1,037	878		
Wire rod	5,951	6,668	805	465		
Wire	1,117	1,220	112	98		
Pipe and tube	1,350	606	34	106		
Tool steel (all forms)	6,665	10,896	1,307	1,235		
Total	1,295	42,730	42	239		
Total	62,108	42,523	4,067	4,058		
Grand Total	4,930,247	5,938,464	629,400	496,056		

1/ Certain alloy refers to alloy steel other than stainless or tool steel.

2/ Semifinished steel includes ingots, blooms, billets, slabs, and steel bars.

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 36.--Steel mill products and certain fabricated steel products: U.S. imports, for consumption through the Off-shore customs area, 1987, 1988, and by specified periods, 1988 and 1989

(Short tons)

Item	1987		1988		January	
Carbon and certain alloy 1/						
steel:						
Semifinished 2/			3/			
Plate	6,693	13,906	370	0	0	938
Sheet and strip	90,238	72,445	4,861	370	0	3,121
Bars and certain shapes	164,360	157,820	11,224	4,861	0	19,662
Wire rod	11,940	16,953	0	0	0	0
Wire	11,147	14,739	684	0	0	705
Wire products	7,285	10,190	1,033	1,033	0	445
Structural shapes and units	22,499	21,786	2,157	2,157	0	6,832
Rails and related products	445	88	0	0	0	12
Pipe and tube	58,545	93,829	3,121	3,121	0	9,910
Total	373,151	401,758	23,450	23,450	0	41,626
Stainless and alloy tool steel:						
Stainless steel:						
Semifinished 2/	0	0	0	0	0	0
Plate	0	3/	0	0	0	0
Sheet and strip	1	0	0	0	0	0
Bars and certain shapes	0	15	0	0	0	3/
Wire rod	0	0	0	0	0	0
Wire	1,074	1,690	107	107	0	67
Pipe and tube	36	42	0	0	0	0
Tool steel (all forms)	0	0	0	0	0	0
Total	1,111	1,748	107	107	0	67
Grand Total	374,262	403,506	23,557	23,557	0	41,693

1/ Certain alloy refers to alloy steel other than stainless or tool steel.
 2/ Semifinished steel includes ingots, blooms, billets, slabs, and steel bars.
 3/ Less than 0.5 short tons.

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 37.---Steel mill products and certain fabricated steel products: U.S. imports, for consumption through the Pacific Coast customs area, 1987, 1988, and by specified periods, 1988 and 1989
(Short tons)

Item	1987		1988		January	
					1988	1989
Carbon and certain alloy 1/						
steel:						
Semifinished 2/						
Plate	482,436	833,859	119,734	21,348		
Sheet and strip	206,851	220,352	13,269	57,870		
Bars and certain shapes	1,610,768	1,386,590	123,331	131,496		
Wire rod	201,894	219,758	19,381	17,942		
Wire	303,270	265,048	12,701	18,748		
Wire products	78,972	78,336	6,998	5,662		
Structural shapes and units	172,890	152,677	15,640	19,942		
Rails and related products	509,959	548,943	49,236	60,501		
Pipe and tube	51,183	38,461	4,507	2,798		
Total	704,321	649,871	93,344	65,496		
Total	4,322,545	4,393,893	458,139	401,802		
Stainless and alloy tool steel:						
Semifinished steel:						
Plate	7	61	23	0		
Sheet and strip	2,266	3,233	89	220		
Bars and certain shapes	23,178	22,749	3,335	3,137		
Wire rod	7,925	7,573	391	880		
Wire	3,030	3,803	246	184		
Pipe and tube	1,508	1,711	133	300		
Tool steel (all forms)	3,465	5,590	600	274		
Total	2,132	2,653	321	286		
Total	43,511	47,373	5,137	5,280		
Grand Total	4,366,056	4,441,267	463,277	407,082		

1/ Certain alloy refers to alloy steel other than stainless or tool steel.
2/ Semifinished steel includes ingots, blooms, billets, slabs, and steel bars.

Source: Compiled from official statistics of the U.S. Department of Commerce.

Appendix A

**Definition of Certain Terms, and Description of the Products Subject
to the Investigation**

DEFINITIONS

1. Steel.--An alloy of iron and carbon which is malleable as first cast and which contains by weight 2 percent or less of carbon. Steel may contain other elements, but iron must predominate, by weight, over each of the other elements.

2. Carbon steel.--Steel, other than chromium, which contains by weight 2 percent or less of carbon, and in which none of the elements listed below meets or exceeds the quantity, by weight, respectively indicated:

1.65 percent of manganese, or
 0.25 percent of phosphorus, or
 0.35 percent of sulphur, or
 0.60 percent of silicon, or
 0.40 percent of copper, or
 0.30 percent of aluminum, or
 0.30 percent of chromium, or
 0.30 percent of cobalt, or
 0.40 percent of lead, or
 0.30 percent of nickel, or
 0.30 percent of tungsten, or
 0.10 percent of any other metallic element.

3. Alloy steel.--Steel which contains any of the elements listed in definition 2 (above) in excess of its specified quantity.

(i) Stainless steel.--Any alloy steel which contains by weight 1.2 percent or less of carbon and 10.5 percent or more of chromium, with or without other elements.

(ii) Tool steel.--Alloy steel which contains the combinations of elements in the quantity, by weight, respectively indicated in Chapter XXII, subchapter III, section (viii) of the Harmonized Tariff Schedule of the United States (HTS). (See appendix B).

4. Galvanized.--Steel which has been coated or plated with zinc.

5. Hot-rolled.--Steel which has been reduced to its final thickness by heating and rolling the product at elevated temperature (usually above 2,200° F).

6. Cold-rolled.--Steel which has been reduced to its final thickness by rolling the product without heating it immediately prior to the rolling operation.

7. Continuous casting.--The method of producing semifinished products in which molten steel flows evenly into a caster where it is rapidly cooled, causing it to solidify directly into semifinished products such as slabs and billets.

8. Short ton.--Two thousand (2,000) pounds.

Unlike the TSUSA system of classification, the HTS do not differentiate by dimension those steel products formerly referred to as blooms and billets, slabs and sheet bars, plate, sheet, and strip. Instead, these products are included in two larger categories: flat rolled and semifinished (described below). However, for purposes of comparability with previous Monthly Reports, and in the interest of providing useful information and coverage of the steel industry, this report will continue to designate such product categories (e.g. blooms and billets, slab and sheet bars, plate, hot-rolled and cold rolled sheet, and strip). A partial basis for classification are those definitions found in Federal Register Notice 52897, December 29, 1988 (Appendix C).

9. Semifinished products include:

Continuous cast products of solid section, not presented in coils, whether or not subjected to primary hot-rolling.

Other products of solid section which have not been further worked than subjected to primary hot-rolling or roughly shaped by forging, including blanks, angles, shapes, or sections.

For the purposes of this legislation semi-finished products are classified as follows:

(i) Ingots.--Castings resulting from the solidification of molten steel and having a columnar form suitable for working by rolling or forging. Ingots are included in AISI (American Iron and Steel Institute) product group No. 1A.

(A) Carbon and certain alloy ingots; provided for in items 7206.10.0000, 7206.90.0000, 7224.10.0090 of the Harmonized Tariff Schedules of the United States (HTS).

(ii) Blooms billets, slabs, and sheet bars.--Other continuous cast products solid cross section, which have not been further worked than subjected to primary hot-rolling or roughly shaped by forging including blanks for angles, shapes or sections. These products are not presented in coils and are included in AISI product group No. 1B.

(B) Carbon and certain alloy blooms and billets; provided for in items 7207.11.0000, 7207.12.0010, 7207.19.0030, 7207.19.0090, 7207.20.0025, 7207.20.75, 7207.20.0090, 7224.90.0040, 7224.90.0060, 7224.90.0070 of the HTS.

(C) Carbon and certain alloy slabs and sheet bars; provided for in items 7207.12.0050, 7207.20.0045, 7224.90.0050, 7224.90.0070 of the HTS.

(D) Stainless steel ingots; provided for in item 7218.10.0000 of the HTS.

(E) Stainless steel blooms and billets; provided for in items 7218.90.0010, 7218.90.0020, 7218.90.0030, 7218.90.0045, 7218.90.0055, 7218.90.0065, 7218.90.0070, 7218.90.0080 and 7218.90.0090 of the HTS.

(F) Stainless steel slabs and sheet bars; provided for in item 7218.90.0035 of the HTS.

10. Flat-rolled products.--Rolled products of solid rectangular (other than square) cross section, whether perforated, corrugated, polished, or with a pattern derived from rolling, which do not conform to the definition of semifinished products above in the form of:

- coils of successively superimposed layers, or
- straight lengths, which if of a thickness less than 4.75 mm are of a width measuring at least 10 times the thickness or if of a thickness of 4.75 mm or more are of a width which exceeds 150 mm and measures at least twice the thickness. Also those products of a shape other than rectangular or square of a width of 600 mm or more, not elsewhere specified.

(i) Plates.--Flat rolled products whether or not corrugated or crimped, in coils or cut to length. Plates are 4.7625 mm inch or more in thickness and, if not cold rolled, over 20.32 cm in width, or if cold rolled, over 30.45 cm in width. Plates are included in AISI product group No. 6. For the purposes of this investigation, plates are classified as follows:

(A) Carbon plate; provided for in items 7208.11.0000, 7208.12.0000, 7208.21.1000, 7208.21.5000, 7208.22.1000, 7208.22.5000, 7208.31.0000, 7208.32.0000, 7208.33.1000, 7208.33.5000, 7208.41.0000, 7208.42.0000, 7208.43.0000, 7210.90.1000, 7211.11.0000, 7211.12.0000, 7211.21.0000, 7211.22.0045, 7211.22.0090 of the HTS.

(B) Alloy plate; provided for in items 7225.30.3000, 7225.40.3000, 7225.50.6000, 7226.91.5000 of the HTS.

(C) Stainless steel plate; provided for in items 7219.11.0000, 7219.12.0000, 7219.21.0000, 7219.22.0000, 7219.31.0010, 7220.11.0000 of the HTS.

(ii) Sheets and strip.--Flat rolled products whether or not corrugated or crimped, in coils or cut to length. Sheet is less than 4.7625 mm in thickness and over 30.48 cm inches in width. Strip is less than 4.7625 mm in thickness, not over 30.48 cm in width and, if cold rolled, over 1.27 cm in width. Sheets and strip are included in AISI product group Nos. 28, 29, 29A, 30, 31, 32, 33A, 33B, 34, 34B, 35, 36, and 37. For the purposes of this investigation, sheets and strip are classified as follows:

(A) Hot-rolled carbon and alloy sheet--provided for in items 7208.13.1000, 7208.13.1350, 7208.14.1000, 7208.14.5000, 7208.23.1000, 7208.23.5030, 7208.23.5090, 7208.24.1000, 7208.24.5030, 7208.24.5090, 7208.34.1000, 7208.34.5000, 7208.35.1000, 7208.35.5000, 7208.44.0000, 7208.45.0000, 7225.30.7000, 7225.40.7000 of the HTS.

(B) Hot-rolled carbon and alloy strip; provided for in items 7211.19.1000, 7211.19.5000, 7211.29.1000, 7211.29.3000, 7211.29.5000, 7211.297030, 7211.29.7060, 7211.29.7090, 7226.91.7000 and 7226.91.8000 of the HTS.

(C) Cold-rolled carbon and alloy sheet and strip:

(a) Black plate; provided for in item 7209.24.1000 of the HTS.

(b) Electrical sheet and strip; provided for in items 7225.10.0000, 7226.10.1000, 7226.10.5030, 7226.10.5060 of the HTS.

(c) Other sheet; provided for in items 7209.11.0000, 7209.12.0030, 7209.12.0090, 7209.13.0030, 7209.13.0090, 7209.14.0030, 7209.14.0090, 7209.21.0000, 7209.22.0000, 7209.23.0000, 7209.24.5000, 7209.31.0000, 7209.32.0000, 7209.33.0000, 7209.34.0000, 7209.41.0000, 7209.42.000, 7209.43.0000, 7209.44.0000, 7210.70.3000, 7225.50.7000, 7225.50.8000 of the HTS.

(d) Other strip; provided for in items 7211.30.1030, 7211.30.1090, 7211.30.3000, 7211.30.5000, 7211.41.1000, 7211.41.3030, 7211.41.3090, 7211.41.5000, 7211.41.7030, 7211.41.7060, 7211.41.7090, 7211.49.1030, 7211.49.1090, 7211.49.3000, 7211.49.5030, 7211.49.5060, 7211.49.5090, 7212.40.1000, 7212.40.5000, 7226.92.5000, 7226.92.7000, 7226.92.8000, 7226.99.0000 of the HTS.

(D) Galvanized sheet and strip; provided for in items 7210.31.0000, 7210.39.0000, 7210.41.0000, 7210.49.0030, 7210.49.0090, 7210.70.6060, 7212.21.0000, 7212.29.0000, 7212.30.1030, 7212.30.1090, 7212.30.3000, and 7212.30.5000 of the HTS.

(E) Tin plate; provided for in items 7210.11.0000, 7210.12.0000, and 7212.10.0000 of the HTS.

(F) Tin free; provided for in item 721.50.0000 of the HTS.

(G) Other metallic coated; provided for in items 7210.20.0000, 7210.60.0000, 7210.70.6090, 7210.90.6000, 7210.90.90000, 7212.50.0000, and 7212.60.0000 of the HTS.

(H) Stainless steel hot-rolled sheet; provided for in items 7219.13.0030, 7219.13.0060, 7219.14.0030, 7219.14.0060, 7219.23.0030, 7219.23.0060, 7219.24.0030, and 7219.24.0060 of the HTS.

(I) Stainless steel cold-rolled sheet; provided for in items 7219.32.0015, 7219.32.0030, 7219.32.0045, 7219.32.0060, 7219.33.0010, 7219.33.0015, 7219.33.0030, 7219.33.0045, 7219.33.0060, 7219.34.0010, 7219.34.0050, 7219.35.0010, and 7219.35.0050 of the HTS.

(J) Stainless steel strip; provided for in items 7220.12.1000, 7220.12.5000, 7220.20.1000, 7220.20.6000, 7220.20.7000, 7220.20.8000, 7220.20.9000, 7220.90.0000 of the HTS.

11. Bars.-- Hot-rolled products whether or not in irregularly wound coils, which have a solid cross section along their length in the shape of circles, segments of circles, ovals, rectangles (including squares), triangles, or other convex polygons. Such products may

- have indentations, ribs, grooves or other deformations produced during the rolling process (reinforcing bars and rods);
- be twisted after rolling

For purposes of this investigation the term "bars" also includes hollow drill steel, which is a hollow product suitable for making mining drills or mining drill rods, of which the greatest external dimension of the cross-section exceeds 15 mm but does not exceed 52 mm, and of which the greatest internal dimension does not exceed one-half of the greatest external dimension. Bars and hollow drill steel are found in AISI product groups nos. 14, 14A, 15, and 16.

For the purposes of this investigation, bars and light structural shapes are classified as follows:

(i) Hot-rolled carbon bars; provided for in items 7213.390060, 7213.49.0060, 7213.50.0060, 7214.10.0000, 7214.30.0000, 7214.40.0010, 7214.40.0030, 7214.40.0050, 7214.50.0010, 7214.50.0030, 7214.50.0050, 7214.60.0010, 7214.60.0030, 7214.60.0050, and 7215.90.1000 of the HTS, and included in AISI product group No. 14.

(ii) Hot-rolled alloy bars; provided for in items 7227.20.0000, 7227.90.6000, 7228.20.1000, 7228.30.8000, 7228.40.0000, 7228.60.6000, 7228.80.0000 of the HTS, and included in AISI product group No. 14.

(iii) Cold-formed carbon bars; provided for in items 7215.100000, 7215.20.0000, 7215.30.0000, 7215.40.0000 7215.90.3000 and 7215.90.5000 of the HTS, and included in AISI product group No. 16.

(iv) Cold-formed alloy bars; provided for in items 7228.20.5000, 7228.50.5000, and 7228.60.8000 of the HTS, and included in AISI product group No. 16.

(v) Reinforcing carbon and certain alloy steel bars; which are hot-rolled steel bars, of solid cross section, having deformations of various patterns on their surfaces; provided for in items 7213.10.0000 and 7214.20.0000 of the HTS, and included in AISI product group No. 15.

(vi) Light structural shapes; which are bar-size light shapes having a cross-sectional dimension of less than 7.62 cm provided for in items 7216.10.0010, 7216.10.0050, 7216.21.0000, 7216.22.0000, 7228.70.3060, and 7228.70.3080 of the HTS, and included in AISI product group No. 14A.

(vii) Stainless steel bars and shapes; provided for in items 7221.10.0000, 7221.00.0060, 7221.00.0080, 7222.20.0030, 7222.20.0060, 7222.30.0000, 7222.40.3060, 7222.40.3080 of the HTS.

12. Wire rod and related products include:

(i) Wire rods.--Coiled, semifinished, hot-rolled products of solid cross section, approximately round in cross section, not under 14mm nor over 19mm in diameter. Wire rods are included in AISI product group No. 3.

For the purposes of this investigation, wire rod is classified as follows:

(A) Carbon steel wire rod; provided for in items 7213.31.3000, 7213.31.6000, 7213.39.0030, 7213.39.0090, 7213.41.3000, 7213.41.6000, 7213.49.0030, 7213.49.0090, 7213.50.0020, 7213.50.0040 and 7213.50.0080 of the HTS.

(B) Alloy steel wire rod; provided for in items 7227.20.0000, and 7227.90.6000 of the HTS.

(C) Stainless steel wire rod; provided for in items 7221.00.0020 and 7221.00.0040 of the HTS.

(ii) Steel wire.--Cold-formed products in coils, of any uniform solid cross section along their whole length, which do not conform to the definition of flat-rolled products. Steel wire is included in AISI product group No. 23.

For the purpose of this legislation, steel wire is classified as follows:

(A) Carbon steel wire; provided for in items 7217.11.1000, 7217.11.2000, 7217.11.3000, 7217.11.5020, 7217.11.5040, 7217.11.5060, 7217.11.5080, 7217.11.7030, 7217.11.7090, 7217.11.9000, 7217.12.1000, 7217.12.3030, 7217.12.3060, 7217.12.5000, 7217.12.7000, 7217.13.1000, 7217.13.3030, 7217.13.3060, 7217.13.5000, 7217.13.7000, 7217.19.5000, 7217.21.1000, 7217.21.3015, 7217.21.3030, 7217.31.3045, 7217.31.3060, 7217.21.3045, 7217.21.3060, 7217.21.3075, 7217.21.3090, 7217.21.5000, 7217.22.1015, 7217.22.1030, 7217.22.1050, 7217.22.5000, 7217.23.1015, 7217.23.1030, 7217.23.1050, 7217.23.5000, 7217.29.5000, 7217.31.1000, 7217.31.3015, 7217.31.3030, 7217.31.3045, 7217.31.3060, 7217.31.3075, 7217.31.3090, 7217.31.5000, 7217.32.1015, 7217.32.1030, 7217.32.1050, 7217.32.5000, 7217.33.1015, 7217.33.1030, 7217.33.1050, 7217.33.5000, and 7217.39.5000 of the HTS.

(B) Alloy steel wire; provided for in items 7229.20.000, 7229.90.1000, 7229.90.5015, 7229.90.5030, 7229.90.5050, 7229.90.9000 of the HTS.

(C) Stainless steel wire; provided for in items 7223.00.1015, 7223.00.1030, 7223.00.1045, 7223.00.1060, 7223.00.1075, 7223.00.5000, and 7223.00.9000 of the HTS.

(iii) Carbon and certain alloy steel wire products as defined by the following:

(A) Nails and brads, spikes, staples, and tacks are fasteners, of one piece construction, made of round wire, and not including thumb tacks, staples in strip form, corrugated fasteners, glaziers' points, hook nails, ring nails, or fasteners suitable for use in power-actuated hand tools; as provided for in items 7317.00.1000, 7317.00.5505, 7317.00.5510, 7317.00.5520, 7317.00.5530, 7317.00.5540, 7317.00.5550, 7317.00.5560, 7317.00.5570, 7317.00.5580, and 7317.00.5590, 7317.00.7500, and 8305.20.0000 of the HTS. Nails and staples, are included in AISI product group No. 51 (pt.).

(B) Barbed wire is a wire, or strand of twisted wires, armed with barbs or sharp points; as provided for in item 7313.00.0000 of the HTS. Barbed wire is included in AISI product group No. 52.

(C) Wire expanded metal, grill and fencing include whether or not galvanized wholly of round wire with a maximum cross-sectional diameter of 3 mm or more, having a mesh size of 100 cm³ or more, whether or not such wire is covered with plastics; as provided for in items 7314.20.0000, 7314.30.1000, 7314.30.5000, 7314.41.1000, 7314.42.0000, 7314.49.3000, 7314.49.6000, and 7314.50.0000 of the HTS. The products are included in AISI product group No. 50.

(D) Baling wire and ties, with or without buckles or fastenings and whether or not coated with paint or other substance; as provided for in item 7326.20.0010 of the HTS and included in AISI product group No. 53.

(E) Wire strand is two or more wires which together constitute one of the parts which are twisted together to form rope, cord, or cordage, suitable for fencing purposes, not fitted with fittings, not made up into articles, not of brass plated wire, not covered with nonmetallic material, as provided for in items 7312.10.1030, 7312.10.1060, 7312.10.3005, 7312.10.3015, 731.10.3045 7312.10.3065, 7312.10.3075, and 7312.10.3090 of the HTS. Wire strand is included in AISI product group No. 41.

(F) Wire ropes, cables, and cordage are products made by the twisting of a number of wire strands and are not covered with nonmetallic material, not fitted with fittings, not made up into articles, and, if valued 13 cents or more per pound, not of brass plated wire; as provided for in items 7312.10.6000, 7312.10.8000, 7312.10.9030, 7312.10.9060, and 7312.10.9090 of the HTS. Wire ropes, cables, and cordage are included in AISI product group No. 47.

13. Structurals.--Nontubular products not conforming completely to the respective specifications set forth in the HTS for semi-finished, flat-rolled, bars and rod or wire.

(i) Heavy structural shapes having a maximum cross-sectional dimension of 7.62 cm or more, and sheet piling; as provided for in items 7216.31.0000, 7216.32.0000, 7216.33.0030, 7216.33.0060, 7216.33.0090, 7216.40.0010, 7216.40.0050, 7216.50.0000, 7222.40.3020, 7222.40.3040, 7228.70.3020, 7228.70.3040, and 7301.10.0000 of the HTS and are included in AISI product group 4.

(ii) Fabricated structural units, which include columns, pillars, posts, beams, girders, and similar structural units; as provided for in items 7216.60.0000, 7216.90.0000, 7222.40.6000, 7228.70.6000, 7301.20.1000, 7301.20.5000, 7308.10.0000, 7308.20.0000, 7308.40.0000, 7308.90.3000, 7308.90.6000, 7308.90.9030, 7308.90.9090, 8430.49.4000 of the HTS. These products, are included in AISI product group No. 38 and 39.

14. Rails and related railway products as defined by the following:

(i) Rails are hot-rolled steel products, whether punched or not punched, weighing not less than 8 pounds per yard, with cross-sectional shapes intended for carrying wheel loads in railroad, railway, and crane runway applications; as provided for in items 7302.10.5000, 7302.10.1020, 7302.10.1040, 7302.10.1060, and 7302.10.1080 of the HTS. Rails are included in AISI product group Nos. 7, 8 and 41.

(ii) Joint bars are hot-rolled steel products, usually punched or slotted, designed to connect the ends of adjacent rails in track; tie plates are hot-rolled steel products which are punched to provide holes for spikes and have one or two shoulder sections as rail guides and are used to support rails in track, to maintain track gauge, and protect the ties; all the foregoing, as provided for in items 7302.20.0000, 7302.30.0000, 7302.40.0000, 7302.90.0000 of the HTS. Joint bars and tie plates are included in AISI product group Nos. 9 and 42.

(iii) Railway track spikes, of one piece construction, used to secure tie plates or ties; as provided for in item 7317.00.6530, 7317.00.6560 of the HTS. Railway track spikes are included in AISI product group No. 51 (pt.).

(iv) Railroad and railway (RR) axles and wheels, parts thereof, and axle bars; as provided for in items 8607.19.1000, 8607.19.2000 of the HTS. These articles are included in AISI product group No. 43.

15. Pipes and tubes and blanks therefor.--Tubular products, including hollow bars and hollow billets but not including hollow drill steel, of any cross-sectional configuration, by whatever process made, whether seamless, brazed, or welded and whether with an open or lock seam or joint. For the purposes of this investigation, pipes and tubes and blanks therefor are classified as follows:

(i) Oil country tubular goods, provided for in items 7304.20.1000, 7304.20.2000, 7304.20.3000, 7304.20.4000, 7304.20.5010, 7304.20.5050, 7304.20.6010, 7304.20.6050, 7304.20.7000, 7304.20.8000, 7305.20.2000, 7305.20.4000, 7305.20.6000, 7305.20.8000, 7306.20.1030, 7306.20.1090, 7306.20.2000, 7306.20.3000, 7306.20.4000, 7306.20.6010, 7306.20.6050, 7306.20.8010, 7306.20.8050 of the HTS. Oil country tubular goods are included in AISI product group No. 19.

(ii) Line pipe; provided for in items 7304.10.1020, 7304.10.1050, 7304.10.1080, 7304.10.5020, 7304.10.5050, 7304.10.5080, 7305.11.1030, 7305.11.1060, 7305.11.5000, 7305.12.1030, 7305.12.1060, 7305.12.5000, 7305.19.1030, 7305.19.1060, 7305.19.5000, 7306.10.1010, and 7306.10.1050 7306.10.5010, 7306.10.5050 of the HTS. Line pipe is included in AISI product group No. 20.

(iii) Mechanical pipe; provided for in items 7304.31.3000, 7304.31.6050, 7304.39.0050, 7304.39.0075, 7304.51.5000, 7304.51.5090, 7304.59.1000, 7304.59.6000, 7304.59.8000, 7304.90.5000, 7304.90.7000, 7306.30.1000, 7306.30.5015, 7306.30.5020, 7306.30.5035, 7306.3.5060, 7306.30.5075, 7306.50.1000, 7306.50.5030, 7306.50.5050, 7306.50.5070, 7306.60.5000, 7306.60.7000 of the HTS. Mechanical pipe is included in AISI product group 21A.

(iv) Structural pipe; provided for in items 7304.90.1000, 7304.903000, 7305.312000, 7305.31.4000, 7305.31.6000, 7306.30.3000, 7306.50.3000, 7306.60.1000, and 7306.60.3000 of the HTS. Structural pipe is included in AISI product category 22A.

(v) Pressure tubing; provided for in items 7304.31.6010, 7304.39.0005, 7304.51.5030, 7304.51.5050, 7304.59.2030, 7304.59.2050, 7306.30.5010 and 7306.50.5010 of the HTS. Pressure tubing is included in AISI product category 21B.

(vi) Stainless steel pipes and tubes; provided for in items 7304.41.0010, 7304.41.0050, 7304.49.0010, 7304.49.0030, 7304.49.0050, 7306.40.1000, 7306.40.5010, 7306.40.5030, 7306.40.5050, and 7306.40.5070 of the HTS. Stainless steel pipes and tubes are included in AISI product categories 21C and D.

(vii) Other, including standard; provided for in items 7304.39.0015, 7304.39.0030, 7304.39.0040, 7304.39.0070, 7304.39.0090, 7305.31.4000, 7305.39.1000, 7305.39.5000, 7305.90.1000, 7305.90.5000, 7306.30.5025, 7306.30.5030, 7306.30.5040, 7306.30.5050 and 7306.30.5065, 7306.30.5070, 7306.90.1000, 7306.90.5000 of the HTS. Other, including standard pipe is included in AISI product categories 18, 21E and 22B.

16. Alloy tool steel (all forms) provided for in items 7224.10.0030, 7224.90.0010, 7224.90.0020, 7224.90.0030, 7225.20.0000, 7225.30.1000, 7225.30.5030, 7225.30.5060, 7225.40.1015, 7225.40.1090, 7225.40.5030, 7225.40.5060, 7225.50.1030, 7225.50.1060, 7226.20.0000, 7226.91.1030, 7226.91.1060, 7226.91.3030, 7226.91.3060, 7226.92.1030, 7226.92.1060, 7226.92.3030, 7226.92.3060, 7227.10.0000, 7227.90.1030, 7227.90.1060, 7227.90.2030, 7227.90.2060, 7228.10.0010, 7228.10.0030, 7228.10.0060, 7228.30.2000, 7228.30.4000, 7228.30.6000, 7228.50.1010, 7228.50.1020, 7228.50.1040, 7228.50.1060, 7228.50.1080, 7228.60.1030, 7228.60.1060, and 7229.10.0000 of the HTS. Alloy tool steel is included in AISI product group No. 17. Consistent with previous Commission investigations and industry practice, tool steel of the type described in headnote 1(h) of chapter 72 of the HTS, which is commonly referred to as bearing steel, is included with "certain alloy" products.

Appendix B

Definitions of Certain Specialty Steels
Including Alloy Tool Steel

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SUBCHAPTER III

TEMPORARY MODIFICATIONS ESTABLISHED PURSUANT TO TRADE LEGISLATION

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U.S. Notes

1. This subchapter contains the temporary modifications of the provisions in the tariff schedule established pursuant to trade legislation. Unless otherwise stated, the modified provisions are effective until suspended or terminated. Unless the context requires otherwise, any article described in the provisions of this subchapter, for which rates of duty are herein provided, if entered during the period specified, is subject to duty at the rate set forth herein in lieu of the rate provided therefor in chapters 1 to 98.
2. For the purposes of subheadings 9903.17.05 through 9903.17.30, inclusive, the term "product of the European Economic Community" refers to products of the member states of this instrumentality which includes Belgium, Denmark, France, the Federal Republic of Germany, Greece, Ireland, Italy, Luxembourg, the Netherlands, Portugal, Spain and the United Kingdom.
3. For the purposes of subheadings 9903.41.05 and 9903.41.10, the duties provided for in this subchapter are cumulative duties which apply in addition to the duties otherwise imposed on the articles involved.
4. Additional duties and quantitative limitations on certain stainless steel and alloy tool steel.--The provisions of this note apply to subheadings 9903.72.00 through 9903.72.44 of this subchapter. The duties provided for in subheadings 9903.72.00 and 9903.72.01 and the quantitative limitations set forth in subheadings 9903.72.10 through 9903.72.34 are in addition to the duties provided for the subject articles in chapter 72 or in subheading 9808.00.30, where applicable.

(a) Definitions.--For the purposes of this subchapter:

- (i) The term "restraint period" refers to a period provided for in the article description column for subheadings 9903.72.10 through 9903.72.34;
- (ii) The terms "razor blade steel" and "chipper knife steel" are defined as provided in additional U.S. notes 1(d) and 1(f), respectively, to chapter 72;
- (iii) The term "band saw steel" refers to alloy tool steel which contains, in addition to iron, each of the following elements by weight in the amounts specified:
 - (A) carbon: not less than 0.47 nor more than 0.53 percent;
 - (B) manganese: not less than 0.6 nor more than 0.9 percent;
 - (C) sulfur: none, or not more than 0.015 percent;
 - (D) phosphorus: none, or not more than 0.025 percent;
 - (E) silicon: not less than 0.1 nor more than 0.25 percent;
 - (F) chromium: not less than 0.9 nor more than 1.1 percent;
 - (G) nickel: not less than 0.5 nor more than 0.7 percent;
 - (H) molybdenum: not less than 0.9 nor more than 1.1 percent; and
 - (IJ) vanadium: not less than 0.08 percent nor more than 0.15 percent;
- (iv) The term "cladding grade 434 stainless steel flat-rolled products" refers to stainless steel flat-rolled products, not under 1.397 mm and not over 1.651 mm in thickness, not under 64.77 cm and not over 66.675 cm in width, containing by weight not more than 0.12 percent carbon; not less than 16 percent nor more than 18 percent chromium; and not less than 0.75 percent nor more than 1.25 percent molybdenum; certified by the importer of record or the ultimate consignee at the time of entry for use in the manufacture of stainless steel-clad-aluminum automobile trim;
- (v) The term "stainless steel of the type described in U.S. note 4(a)(v) to this subchapter" refers to the stainless steel grades described in either subparagraph (A) or (B) below which contain, in addition to iron, each of the following elements by weight in the amounts specified:
 - (A) carbon: not more than 0.02 percent;
 - silicon: not less than 0.2 percent nor more than 0.8 percent;
 - manganese: not less than 0.2 percent nor more than 1 percent;
 - chromium: not less than 19.5 percent nor more than 20.5 percent;
 - nickel: not less than 17.5 percent nor more than 18.5 percent;
 - molybdenum: not less than 6 percent nor more than 6.5 percent;
 - nitrogen: not less than 0.18 percent nor more than 0.22 percent;
 - copper: not less than 0.5 percent nor more than 1 percent;
 - sulfur: not more than 0.03 percent;
 - phosphorus: not more than 0.04 percent; or

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(B) carbon: not less than 0.05 percent nor more than 0.1 percent;
 silicon: not less than 1.4 percent nor more than 2 percent;
 manganese: not less than 0.2 percent nor more than 0.8 percent;
 chromium: not less than 20 percent nor more than 22 percent;
 nickel: not less than 10 percent nor more than 12 percent;
 nitrogen: not less than 0.14 percent nor more than 0.2 percent;
 cerium: not less than 0.03 percent nor more than 0.08 percent;
 sulfur: not more than 0.03 percent;
 phosphorus: not more than 0.04 percent;

(vi) The term "flapper valve steel" refers to stainless steel flat-rolled products not over 1.27 mm in thickness and not over 30.48 cm in width, certified by the importer of record or the ultimate consignee at the time of entry for use in the manufacture of stainless steel flapper valves for compressors;

(vii) The term "rotor steel for hysteresis motors" refers to tool steel flat-rolled products not over 1.27 mm in thickness and not over 30.48 cm in width containing by weight not less than 0.5 percent carbon and not less than 5.5 percent tungsten, certified by the importer of record or the ultimate consignee at the time of entry for use in the manufacture of rotor rings or cups for hysteresis motors;

(viii) The term "tool steel of the type described in U.S. note 4(a)(viii) to this subchapter" refers to the alloy tool steel grades described in any one of the subparagraphs (A) through (F) below which contain, in addition to iron, each of the following elements by weight in the amounts specified:

(A) carbon: not less than 0.85 percent nor more than 1.05 percent;
 manganese: not less than 0.95 percent nor more than 1.75 percent;
 sulfur: less than 0.03 percent;
 phosphorus: less than 0.03 percent;
 silicon: not less than 0.45 percent nor more than 0.9 percent;
 chromium: not less than 0.9 percent nor more than 1.8 percent;
 nickel: less than 0.35 percent;
 copper: less than 0.35 percent;
 molybdenum: less than 0.1 percent;

(B) carbon: not less than 0.95 percent nor more than 1.05 percent;
 manganese: not less than 0.95 percent nor more than 1.25 percent;
 sulfur: not more than 0.025 percent;
 phosphorus: not more than 0.025 percent;
 silicon: not less than 0.45 percent nor more than 0.75 percent;
 chromium: not less than 0.9 percent nor more than 1.2 percent;
 nickel: not more than 0.25 percent;
 copper: not more than 0.35 percent;
 molybdenum: not more than 0.08 percent;

(C) carbon: not less than 0.85 percent nor more than 1 percent;
 manganese: not less than 1.4 percent nor more than 1.7 percent;
 sulfur: not more than 0.025 percent;
 phosphorus: not more than 0.025 percent;
 silicon: not less than 0.5 percent nor more than 0.8 percent;
 chromium: not less than 1.4 percent nor more than 1.8 percent;
 nickel: not more than 0.25 percent;
 copper: not more than 0.35 percent;
 molybdenum: not more than 0.08 percent;

(D) carbon: not less than 0.95 percent nor more than 1.1 percent;
 manganese: not less than 0.65 percent nor more than 0.9 percent;
 sulfur: not more than 0.025 percent;
 phosphorus: not more than 0.025 percent;
 silicon: not less than 0.2 percent nor more than 0.35 percent;
 chromium: not less than 1.1 percent nor more than 1.5 percent;
 nickel: not more than 0.25 percent;
 copper: not more than 0.35 percent;
 molybdenum: not less than 0.2 percent nor more than 0.3 percent;

(E) carbon: not less than 0.95 percent nor more than 1.1 percent;
 manganese: not less than 1.05 percent nor more than 1.35 percent;
 sulfur: not more than 0.025 percent;
 phosphorus: not more than 0.025 percent;
 silicon: not less than 0.2 percent nor more than 0.35 percent;
 chromium: not less than 1.1 percent nor more than 1.5 percent;
 nickel: not more than 0.25 percent;
 copper: not more than 0.35 percent;
 molybdenum: not less than 0.45 percent nor more than 0.6 percent; or

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(F)	carbon:	not less than 0.92 percent nor more than 1.02 percent;
	manganese:	not less than 0.25 percent nor more than 0.4 percent;
	sulfur:	not more than 0.025 percent;
	phosphorus:	not more than 0.025 percent;
	silicon:	not less than 0.25 percent nor more than 0.4 percent;
	chromium:	not less than 1.65 percent nor more than 1.95 percent;
	nickel:	not more than 0.25 percent;
	copper:	not more than 0.35 percent;
	molybdenum:	not less than 0.18 percent nor more than 0.4 percent;
	aluminum:	not more than 0.05 percent;

certified by the importer of record or the ultimate consignee at the time of entry for use in the manufacture of ball or roller bearings.

(ix) The term "stainless steel of the type described in U.S. note 4(a)(ix) to this subchapter" refers to stainless steel which contains by weight less than 1 percent carbon and over 11.5 percent chromium.

- (b) Shortfall.--During the last 30-day period of a restraint period, if the United States Trade Representative (USTR) determines that any quota quantity under an item hereof is unlikely to be used during that restraint period, the USTR may, to the extent permitted by law, modify the quota quantity for that item during the remainder of that restraint period to reallocate the shortfall or any portion thereof to the quota quantity of any other item, such modifications to be effective on the date of their publication in the Federal Register.
- (c) Carryover.--Whenever the quota quantity specified for any of the individually named countries for an item has not been entered during any semi-annual restraint period, entry may be made during the subsequent semi-annual restraint period of an amount up to 20 percent (10 percent in the case of shortfalls occurring in the second semi-annual restraint period in any quota year) of the base limit for the restraint period in which the shortfall occurs, but not to exceed the difference between the quota quantity specified for such restraint period and the amount entered during that period; and such amount shall not be counted against the quota quantity thereof.
- (d) Exceeding restraint levels.--The restraint level for any quota quantity allocated to any of the individually named countries may be exceeded by not more than 10 percent during the first semi-annual restraint period in any quota year, by not more than 3 percent in the second semi-annual restraint period in any quota year and shall not be exceeded in the period from July 20, 1989 through September 30, 1989. If a quota quantity is exceeded during a restraint period, a downward adjustment of the corresponding quota quantity for the next semi-annual restraint period in the absolute amount the preceding restraint level was exceeded shall be made.
- (e) Adjustments.--If any country-by-country allocations of quota quantities are made by the USTR, the USTR may make the necessary adjustments to the appropriate quota quantities.
- (f) United States International Trade Commission (USITC) surveys.--The USITC shall conduct annual mandatory surveys with respect to the products subject to import relief under each item involved to obtain from domestic producers data by calendar quarter on profits, orders and inventories, and annual data on production, shipments, employment, capital expenditures, capacity, and research and development expenditures. The initial survey shall cover calendar year 1987, and the results shall be published by March 31, 1988. The final survey shall cover calendar year 1988, and the results shall be published by March 31, 1989. With each annual survey, the USITC shall also report the production, capacity and capacity utilization, to the extent the information can be obtained, for each country which is a major supplier of imports, and any projected changes in production, capacity and capacity utilization for those countries.
- (g) Products Subject to Certain Export Restraint Agreements.--
- (i) The duties provided for in subheadings 9903.72.00 and 9903.72.01 shall not apply to products of Australia, Austria, Brazil, Czechoslovakia, the European Communities, German Democratic Republic, Hungary, Japan, Mexico, People's Republic of China, Poland, the Republic of Korea, Romania, South Africa, Venezuela or Yugoslavia, exported to the United States on or after March 1, 1986. The duties provided for in subheadings 9903.72.00 and 9903.72.01 shall not apply to products of Trinidad and Tobago exported to the United States on or after October 15, 1987.
- (ii) The quantitative limitations provided for in subheadings 9903.72.10 through 9903.72.24, inclusive, shall not apply to products of Brazil, or the following Member States of the European Communities: Belgium, Denmark, Federal Republic of Germany, France, Greece, Ireland, Italy, Luxembourg, the Netherlands, and the United Kingdom of Great Britain and Northern Ireland.
- (iii) The quantitative limitations provided for in subheadings 9903.72.30 through 9903.72.34, inclusive, shall not apply to products of Austria, Brazil, or the following Member States of the European Communities: Belgium, Denmark, Federal Republic of Germany, France, Greece, Ireland, Italy, Luxembourg, the Netherlands, and the United Kingdom of Great Britain and Northern Ireland.

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(h) Regarding shipments of mold blocks from Canada into the United States:

(i) The term "mold blocks" refers to products of either stainless steel bar or alloy tool steel whose chemistry meets that of either H13 hot-work tool steel forged bars, P20 mold steel forged bars, or hardenable Cr stainless steel 420 forged bars, as defined in subparagraphs (a), (b), and (c) below:

- (A) "H13 hot-work tool steel forged bars" refers to forged bars of the alloy tool steel grade containing by weight, in addition to iron, not less than 0.32 percent nor more than 0.45 percent carbon; not less than 4.75 percent nor more than 5.50 percent chromium; not less than 0.20 percent nor more than 0.5 percent manganese; not less than 1.10 percent nor more than 1.75 percent molybdenum; not more than 0.030 percent phosphorous; not more than 0.030 percent sulfur; not less than 0.80 percent nor more than 1.20 percent silicon; and not less than 0.80 percent nor more than 1.20 percent vanadium.
- (B) "P20 mold steel forged blocks" refers to forged bars of the alloy tool steel grade containing by weight, in addition to iron, not less than 0.28 percent nor more than 0.40 percent carbon; not less than 1.40 percent nor more than 2.00 percent chromium; not less than 0.60 percent nor more than 1.00 percent manganese; not less than 0.30 percent nor more than 0.55 percent molybdenum; not more than 0.030 percent phosphorous; not more than 0.030 percent sulfur; and not less than 0.20 percent nor more than 0.80 percent silicon.
- (C) "Hardenable Cr Stainless Steel 420 forged bars" refers to stainless steel forged bars containing by weight over 0.15 percent carbon; not less than 12.00 percent nor more than 14 percent chromium; not more than 1.00 percent manganese; not more than 0.040 percent phosphorous; not more than 0.030 percent sulfur; not more than 1.00 percent silicon.

(ii) Mold blocks may only be forged bars of P20 mold steel, forged bars of H13 hot-work tool steel, and hardenable Cr stainless steel 420 forged bars of Canadian origin which are used in the United States to produce plastic injection molds, die-casting molds, and metal forming dies for automotive components. If rectangular, these bars must be between 10.16 and 101.6 cm in thickness and between 33.02 and 182.88 cm in width. Round bars of these steels must be between 20.32 and 60.96 cm in diameter. The rectangular bars must be machined on four faces at 90 degrees. In addition, one surface must be machined not to exceed 250AA roughness height (250 R.M.S. value), and surfaces must be perpendicular within 0.1588 cm. The round bars must be machined on both end faces, and their periphery must be machined not to exceed 250AA roughness height (250 R.M.S. value).

(iii) In order for the product to be considered a mold block, the Canadian government and the importer must certify that the product meets the requirements set forth in subparagraphs (i) and (ii) above. The Canadian government will certify that the tonnage in the shipment, when added to other such certified shipments during the same restraint period, does not exceed the tonnage allowed under subheading 9903.72.40, 9903.72.42, or 9903.72.44, as appropriate. Such certification must be endorsed by the competent Canadian government authorities and presented to U.S. Customs at the time of entry into the United States.

(iv) The Government of the United States will allow entry of such mold blocks only to the extent that the quantity of mold blocks entered does not exceed the quantities set forth in subheadings 9903.72.40, 9903.72.42, and 9903.72.44, respectively. Entries in excess of such quantity will be subject to the restraint levels described in subheadings 9903.72.10, 9903.72.12, 9903.72.14, 9903.72.30, 9903.72.32, and 9903.72.34, as appropriate.

5. Quantitative limitations on certain tungsten articles.--The provisions of this note apply to subheadings 9903.28.05 through 9903.28.25, inclusive. The limitations imposed are in addition to the duties provided for the restrained articles in chapter 28 or in chapter 98, where applicable. The quantitative limitations shall include imports entered, or withdrawn from warehouse for consumption, informal entries, temporary imports under bond, and imports under chapter 98.

(a) Definitions.--For purposes of this subchapter--

(i) the term "tungsten articles" means ammonium paratungstate provided for in subheading 2841.80 and tungstic acid provided for in subheading 2825.90.50;

(b) Export certificate.--Effective January 1, 1988, none of the tungsten articles provided for herein that are exported from the People's Republic of China (the PRC) shall be entered, or withdrawn from warehouse for consumption, unless such tungsten articles are accompanied by a validated export certificate issued by the competent authority of the Government of the People's Republic of China;

(c) Carryover.--Whenever the specified limit of imports has not been entered during a period, an amount not to exceed 5 percent (except that the United States Trade Representative may by prior determination permit a carryover of greater than 5 percent) of the limit specified in the period in which the shortfall occurred may be entered in the subsequent period.

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- (d) Exceeding restraint levels.--The USTR may by Federal Register notice authorize an increase in the specified limits of imports by not more than 10 percent during any period, except that the USTR may by prior determination permit an increase of greater than 10 percent. If a specified limit of imports is exceeded during a period, there shall be a downward adjustment of the specified limit for the next period in the amount the preceding specified limit was exceeded. To the extent that imports of the tungsten articles provided for herein exceed 771,114 kilograms tungsten content for calendar year 1987, the specified limits for subsequent periods will be reduced according to the following schedule: the 1988 calendar year specified limit shall be reduced by 50 percent of the excess; the specified limit of 1989 shall each be reduced by 30 percent of the excess; and the specified limit of 1990 shall be reduced by 20 percent of the excess.
 - (e) United States International Trade Commission (USITC) surveys.--The USITC shall conduct annual surveys (pursuant to section 332 of the Tariff Act of 1930) to obtain data on ammonium paratungstate, tungstic acid and tungsten oxide (provided for in subheading 2825.90.30) from producers in the United States by calendar quarter on shipments, profits, capacity and capacity utilization, and annual data on capital expenditures and research and development expenditures; and to obtain data on such products from importers by calendar quarter on prices, orders, and inventories. The initial survey shall cover calendar year 1987 and shall be published by March 31, 1988, and the results of subsequent annual surveys shall be published on March 31 of each year thereafter as long as the agreement is in effect.
 - (f) Administration of import limitations.--Imports accounting for no more than 65 percent of each annual specified limit may be entered in any two consecutive quarters in that year unless authorized by a determination of the USTR.
6. The following provisions have been suspended pursuant to executive action: subheadings 9903.04.05 through 9903.04.55, inclusive, subheadings 9903.23.00 through 9903.23.35, inclusive, subheading 9903.41.25, and subheadings 9903.41.35 through 9903.41.45, inclusive.

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Heading/ Subheading	Stat. Suf. & cd	Article Description	Units of Quantity	Rates of Duty		
				General	Special	2
9903.04.05	1/	Blue-mold cheese: In original loaves (provided for in subheading 0406.40.60).....	1/	200%	No change	200%
9903.04.10	1/	Other (provided for in subheading 0406.20.20, 0406.30.10 or 0406.40.80).....	1/	200%	No change	200%
9903.04.15	1/	Edam and Gouda cheeses (provided for in subheading 0406.20.40, 0406.30.40 or 0406.90.15)...	1/	200%	No change	200%
9903.04.20	1/	Other cheeses and substitutes for cheeses, valued over 11.3¢ per kg, other than cheeses provided for in subheading 9904.10.27, 9904.10.30, 9904.10.33, 9904.10.39, 9904.10.51, 9904.10.54 or 9904.10.57 (provided for in subheading 0406.20.60, 0406.30.60 or 0406.90.80).....	1/	200%	No change	200%
9903.04.25	1/	Endive, including Whitloof chicory, fresh, chilled, or frozen, not reduced in size nor otherwise prepared or preserved (provided for in subheading 0705.21 or 0705.29).....	1/	200%	No change	200%
9903.04.30	1/	Olives, prepared or preserved, in brine, not ripe and not pitted or stuffed, not green in color and not packed in airtight containers of glass, metal, or glass and metal (provided for in subheading 2005.70.75).....	1/	200%	No change	200%
9903.04.35	1/	Pork hams and shoulders, boned and cooked, packed in airtight containers holding less than 1.4 kg (provided for in subheading 1602.41.20 or 1602.42.40).....	1/	200%	No change	200%
9903.04.40	1/	Carrots (whether or not reduced in size), prepared or preserved, but not packed in salt, not in brine, nor pickled, in airtight containers (provided for in sub- heading 2005.90.10).....	1/	200%	No change	200%
9903.04.45	1/	White still wines produced from grapes, containing not over 14 percent of alcohol by volume, in containers each holding not over 3.8 liters, valued over \$1.05 per liter (provided for in subheading 2204.21.20, 2204.21.40 or 2204.29.20).....	1/	200%	No change	200%
9903.04.50	1/	Brandy (other than pisco, singani and slivowitz), in containers each holding not over 3.8 liters, valued over \$3.43 per liter (provided for in subheading 2208.20.40 or 2208.90.30).....	1/	200%	No change	200%
9903.04.55	1/	Gin, in containers each holding not over 3.8 liters (provided for in subheading 2208.50)....	1/	200%	No change	200%

1/ See chapter 99 statistical note 1.

Note: The shaded area indicates that the provisions have been suspended.

Appendix C

Definitions of Certain Steel Products and
Specialty Steel Relief Provisions
(Federal Register Notice 52897)

**OFFICE OF THE UNITED STATES
TRADE REPRESENTATIVE**

**Implementation of Modifications in
Specialty Steel Import Relief**

AGENCY: Office of the United States Trade Representative.

ACTION: Notice.

SUMMARY: This notice converts to the Harmonized System product definitions for imports of certain specialty steel subject to increased tariffs or quotas and makes modifications to the Harmonized Tariff schedule of the United States to implement such conversion.

EFFECTIVE DATE: January 1, 1989.

FOR FURTHER INFORMATION CONTACT: Robert Cassidy, Office of the United States Trade Representative, (202) 395-4510 or Michael Rollin, Office of Agreements Compliance, Import Administration, Department of Commerce, (202) 377-4037.

SUPPLEMENTARY INFORMATION: Presidential Proclamation 5679 of July 16, 1987 (59 FR 27308) provided for the temporary imposition of increased tariffs and quantitative restrictions on certain stainless steel and alloy tool steel imported into the United States, pursuant to section 203 of the Trade Act of 1974. Proclamation 5679 authorizes the U.S. Trade Representative to take such actions and perform such functions for the United States as may be necessary to administer and implement the relief, including negotiating orderly marketing agreements and allocating quota quantities on a country-by-country basis. The U.S. Trade Representative is also authorized to make modifications in the TSUS headnote of items proclaimed by the President in order to implement such actions.

On January 1, 1989, the TSUS will be replaced by the Harmonized Tariff Schedule of the United States (HTS). Accordingly, the U.S. Trade Representative has determined that the following revisions to Chapter 99, subchapter III, of the HTS are required for continued implementation of Proclamation 5679 after December 31, 1988.

Replace the entire text of U.S. note 4(a)(ii) with the following:

The term "*razor blade steel of the type described in U.S. note 4(a)(ii) to this subchapter*" refers to products of stainless steel of the type described in U.S. note 4(a)(ix) to this subchapter, which are flat rolled, not over 0.254mm in thickness and not over 2.266cm in width—and, when cold rolled, are over 1.27cm in width—contain by weight not less than 11.5 percent, and not

over 14.7 percent chromium, and are certified at the time of entry to be used in the manufacture of razor blades. The terms "*concrete reinforcing bars and rods*," "*chipper knife steel*" and "*ball bearing steel*" are defined as provided in additional U.S. notes 1(c), 1(f) and 1(h), respectively, the chapter 72:

Replace the entire text of U.S. note 4(a)(vi) with the following:

The term "*flapper valve steel*" refers to products of stainless steel of the type described in U.S. note 4(a)(ix) to this subchapter, which are flat rolled, not over 1.27mm in thickness and not over 30.48 cm in width—and, when cold rolled, are over 1.27cm in width—and are certified by the importer of record or the ultimate consignee at the time of entry for use in the manufacture of stainless steel flapper valves for compressors:

Replace the entire text of U.S. note 4(a)(vii) with the following:

The term "*rotor steel for hysteresis motors*" refers to products of tool steel of the type described in U.S. note 4(a)(xi) to this subchapter, which are flat rolled, not over 1.27mm in thickness and not over 30.48cm in width—and, when cold rolled, are over 1.27cm in width—contain by weight not less than 0.5 percent carbon and not less than 5.5 percent tungsten, and are certified by the importer of record or the ultimate consignee at the time of entry for use in the manufacture of rotor rings or cups for hysteresis motors:

Replace the period (".") at the end of U.S. note 4(a)(ix) with a semicolon (";").

Insert the following new U.S. notes after U.S. note 4(a)(ix):

4(a)(x) The term "*alloy steel of the type described in U.S. note 4(a)(x) to this subchapter*" refers to steel which contains one or more of the following elements in the quantity, by weight, respectively indicated: over 1.65 percent manganese, or over 0.25 percent phosphorus, or over 0.35 percent sulfur, or over 0.60 percent silicon, or over 0.60 percent copper, or over 0.30 percent aluminum, or over 0.20 percent chromium, or over 0.30 percent cobalt, or over 0.35 percent lead, or over 0.50 percent nickel, or over 0.30 percent tungsten, or over 0.10 percent of any other metallic element:

4(a)(xi) The term "*tool steel of the type described in U.S. note 4(a)(xi) to this subchapter*" refers to alloy steel of the type described in U.S. note 4(a)(x) to this subchapter containing the following combination of elements in the quantity, by weight, respectively indicated:

- (A) Not less than 1.0 percent carbon and over 11.0 percent chromium; or
- (B) Not less than 0.3 percent carbon and 1.25 percent of 11.0 percent inclusive chromium; or
- (C) Not less than 0.85 percent carbon and 1.0 percent to 1.8 percent inclusive manganese; or

- (D) 0.9 percent to 1.2 percent inclusive chromium and 0.9 percent to 1.4 percent inclusive molybdenum; or
- (E) not less than 0.5 percent carbon and not less than 3.5 percent molybdenum; or
- (F) not less than 0.5 percent carbon and not less than 5.5 percent tungsten;

4(a)(xii) The term "*high speed tool steel of the type described in U.S. note 4(a)(xii) to this subchapter*" refers to all tool steel of the type described in U.S. note 4(a)(xi) to this subchapter containing by weight not less than 0.5 percent carbon and not less than 3.5 percent molybdenum, or not less than 0.5 percent carbon and not less than 5.5 percent tungsten:

4(a)(xiii) The term "*plate of the type described in U.S. note 4(a)(xiii) to this subchapter*" refers to products which are flat rolled, whether or not corrugated or crimped, 4.7625mm or more in thickness and over 20.32cm in width when hot rolled or over 30.48cm in width when cold rolled:

4(a)(xiv) The term "*sheet of the type described in U.S. note 4(a)(xiv) to this subchapter*" refers to products which are flat rolled, whether or not corrugated or crimped, less than 4.7625mm in thickness and over 30.48cm in width:

4(a)(xv) The term "*strip of the type described in U.S. note 4(a)(xv) to this subchapter*" refers to products which are flat rolled, whether or not corrugated or crimped, less than 4.7625mm in thickness, not over 30.48cm in width and, if cold rolled, over 1.27cm in width:

4(a)(xvi) The term "*wire of the type described in U.S. note 4(a)(xvi) to this subchapter*" refers to products which are either cold drawn, in coils, of any cross-sectional configuration and not over 17.8562mm in maximum cross-sectional dimension; or in coils with a cold rolled finish, of solid rectangular cross section, not over 6.35mm in thickness and not over 1.27cm in width:

4(a)(xvii) The term "*wire rod of the type described in U.S. note 4(a)(xvii) to this subchapter*" refers to products which are hot rolled, in coils, approximately round in cross section, and at least 5.08mm but not exceeding 18.796mm in diameter.

Replace the entire text of subheading 9903.72.00 with the following:

Flat rolled products and bars and rods which have been flat rolled, all the foregoing of stainless steel of the type described in U.S. note 4(a)(ix) to this subchapter, under 4.7625mm in thickness and, if cold rolled, over 1.27mm in width (except when: over 30.48cm in width and coated, plated or clad with metal; 30.48cm or under in width and electrolytically coated or plated with base metal other than tin, lead or zinc; cut, pressed or stamped to nonrectangular shape; worked after rolling other than by corrugation or crimping; as provided for in U.S. note 4(g)(i) to this subchapter; razor blade steel of the type described in U.S. note 4(a)(ii) to this subchapter; cladding grade 434 stainless steel flat-rolled products over 30.48cm in width; cold-rolled flat-rolled products of stainless steel over 180.34cm in width; stainless steel of the type described in U.S. note 4(a)(v)

this subchapter; and flapper valve steel provided for in subheading 7219.12, 7219.13, 7219.14, 7219.22, 7219.23, 7219.24, 7219.31, 7219.32, 7219.33, 7219.34, 7219.35, 7219.90, 7220.11, 7220.12.10, 7220.12.50, 7220.20.10, 7220.20.60, 7220.20.70, 7220.20.90, 7220.90, 7222.10, 7222.20, 7222.30 or 7223.00.50, all the foregoing, whether or not entitled to duty-free treatment under subheading 9808.00.30 * * *

Replace the entire text of subheading 9903.72.01 with the following:

Flat-rolled products and bars and rods which have been flat-rolled, all the foregoing of stainless steel of the type described in U.S. note 4(a)(ix) to this subchapter, 4.7625mm or more in thickness, over 20.32cm in width if hot rolled or over 30.48cm in width if cold

rolled (except if: coated, plated or clad with metal; cut, pressed or stamped to nonrectangular shape; worked after rolling other than by corrugation or crimping; as provided for in U.S. note 4(g)(i) to this subchapter; and stainless steel of the type described in U.S. note 4(a)(v) to this subchapter) provided for in subheading 7219.11, 7219.12, 7219.21, 7219.22, 7219.31, 7219.90, 7220.11, 7220.20.10, 7220.90, 7222.10, 7220.20 or 7222.30, all the foregoing, whether or not entitled to duty-free treatment under subheading 9808.00.30 * * *

Replace the entire text of the superior heading, at the first indentation, to subheadings 9903.72.10, 9903.72.12 and 9903.72.14 with the following:

Bars and rods, flat-rolled products and wire, all the foregoing of stainless steel of the type described in U.S. note 4(a)(ix) to this subchapter (except if: worked after rolling other than by corrugation or crimping; plate, sheet, strip, wire and wire rod of the type described in U.S. notes 4(a)(xiii), 4(a)(xiv), 4(a)(xv), 4(a)(xvi) and 4(a)(xvii), respectively, to this subchapter; concrete reinforcing bars and rods; and stainless steel of the type described in U.S. note 4(a)(v) to this subchapter) provided for in subheading 7220.11, 7220.20.10, 7220.20.60, 7220.90, 7221.00, 7220.10, 7222.20, 7222.30, 7223.00.10, 7223.00.50 or 7223.00.90:

Replace all quota quantities for subheadings 9903.72.10, 9903.72.12, and 9903.72.14 with the following:

Item	Articles	Quota Quantity (in kilograms)	
		If entered during the restraint period:	
		July 20 through January 19	January 20 through July 19
9903.72.10	If entered during the period from October 20, 1987, through July 19, 1988 inclusive:		
	Austria.....	n/a	97,977
	Canada.....	2 250,386	501,678
	Japan.....	2 3,213,281	6,427,470
	Korea.....	2 439,989	880,885
	Mexico.....	2 25,401	51,710
	Spain.....	2 997,913	1,995,822
	Sweden.....	2 308,446	616,892
	Taiwan.....	2 22,680	45,360
	Other, except as provided in U.S. note 4(g)(ii) to this subchapter.....	2 99,791	97,070
9903.72.12	If entered during the period from July 20, 1988, through July 19, 1989 inclusive:		
	Austria.....	97,070	97,977
	Canada.....	512,565	512,565
	Japan.....	6,572,621	6,572,621
	Korea.....	891,772	892,679
	Mexico.....	58,060	58,968
	Spain.....	2,041,187	2,041,187
	Sweden.....	630,500	631,407
	Taiwan.....	46,267	47,174
	Other, except as provided in U.S. note 4(g)(ii) to this subchapter.....	107,956	104,327
9903.72.14	If entered during the period from July 20, 1989, through September 30, 1989 inclusive:		
	Austria.....	39,009	(²)
	Canada.....	211,376	(²)
	Japan.....	2,707,974	(²)
	Korea.....	367,414	(²)
	Mexico.....	24,494	(²)
	Spain.....	840,969	(²)
	Sweden.....	259,457	(²)
	Taiwan.....	19,051	(²)
	Other, except as provided in U.S. note 4(g)(ii) to this subchapter.....	44,453	(²)

Replace the entire text of the superior heading, at the first indentation, to subheadings 9903.72.20, 9903.72.22 and 9903.72.24 with the following:

Bars and rods of stainless steel of the type described in U.S. note 4(a) (ix) to this subchapter, approximately round in cross-section, at least 5.08mm but not exceeding 18.796mm in diameter (except concrete reinforcing bars and rods and stainless steel

of the type described in U.S. note 4(a)(v) to this subchapter) provided for in subheading 7221.00:

Replace all quota quantities for subheadings 9903.72.20, 9903.72.22, and 9903.72.24 with the following:

Item	Articles	Quota Quantity (in kilograms)	
		If entered during the restraint period:	
		July 20 through January 19	January 20 through July 19
9903.72.20	If entered during the period from October 20, 1987, through July 19, 1988 inclusive:		
	Austria.....	n/a	25,401
	Japan.....	² 1,439,717	2,879,434
	Korea.....	² 238,592	476,277
	Spain.....	² 421,845	844,598
	Sweden.....	² 899,936	1,799,873
9903.72.22	Other, except as provided in U.S. note 4(g)(ii) to this subchapter.....	² 87,998	151,501
	If entered during the period from July 20, 1988, through July 19, 1989 inclusive:		
	Austria.....	48,988	25,401
	Japan.....	2,944,752	2,944,752
	Korea.....	489,885	490,792
	Spain.....	862,742	863,649
9903.72.24	Sweden.....	1,840,697	1,840,697
	Other, except as provided in U.S. note 4(g)(ii) to this subchapter.....	129,729	151,501
	If entered during the period from July 20, 1989, through September 30, 1989 inclusive:		
	Austria.....	9,979	(³)
	Japan.....	1,212,918	(³)
	Korea.....	355,620	(³)
	Spain.....	355,620	(³)
	Sweden.....	758,414	(³)
	Other, except as provided in U.S. note 4(g) (ii) to this subchapter.....	63,504	(³)

Replace the entire text of the superior heading, at the first indentation, to subheadings 9903.72.30, 9903.72.32 and 9903.72.34 with the following:

Flat-rolled products, bars and rods and wire, all the foregoing of tool steel of the type described in U.S. note 4(a)(xi) to this subchapter (except if worked after rolling other than by corrugation or crimping; plate of the type described in U.S. note 4(a)(xiii) to this subchapter which has been coated, plated or clad with metal or cut, pressed or stamped to nonrectangular shape; sheet of the type described in U.S. note 4(a)(xiv) to this subchapter which has been coated, plated or clad with metal or cut, pressed or stamped to nonrectangular shape; strip of the type described in U.S. note 4(a)(xv) to this subchapter which has been coated or plated with base metal other than tin, lead or zinc or cut, pressed or stamped to nonrectangular shape; concrete reinforcing bars and rods; wire of the type described in U.S. note 4(a)(xvi) to this subchapter other than round wire of high speed tool steel as described in

U.S. note 4(a)(xii) to this subchapter; chipper knife steel; band saw steel; ball bearing steel; rotor steel for hysteresis motors; and tool steel of the type described in U.S. note 4(a)(viii) to this subchapter) provided for in subheading 7208.11, 7208.12, 7208.13.10, 7208.13.50, 7208.14.10, 7208.14.50, 7208.21.10, 7208.21.50, 7208.22.10, 7208.22.50, 7208.23.10, 7208.23.50, 7208.24.10, 7208.24.50, 7208.31, 7208.32, 7208.33.10, 7208.33.50, 7208.34.10, 7208.34.50, 7208.35.10, 7208.35.50, 7208.41, 7208.42, 7208.43, 7208.44, 7208.45, 7208.90, 7209.11, 7209.12, 7209.13, 7209.14, 7209.21, 7209.22, 7209.23, 7209.24.50, 7209.31, 7209.32, 7209.33, 7209.34, 7209.41, 7209.42, 7209.43, 7209.44, 7209.90, 7210.70.30, 7210.90.90, 7211.11, 7211.12, 7211.19.10, 7211.19.50, 7211.21, 7211.22, 7211.29.10, 7211.29.30, 7211.29.50, 7211.29.70, 7211.30.10, 7211.30.30, 7211.30.50, 7211.49.10, 7211.49.30, 7211.49.50, 7211.90, 7212.10, 7212.21, 7212.29, 7212.30.10, 7212.30.30, 7212.30.50, 7212.40.10, 7212.40.50, 7212.50, 7212.60, 7213.20, 7213.41.30, 7213.41.60, 7213.49, 7213.50, 7214.10, 7214.30, 7214.50, 7214.60, 7215.10, 7215.30, 7215.40, 7215.90.10, 7215.90.30, 7215.90.50, 7217.21.10,

7217.21.30, 7217.21.50, 7217.22.10, 7117.22.50, 7217.23.10, 7217.23.50, 7217.29.10, 7217.29.50, 7217.31.10, 7217.31.30, 7217.31.50, 7217.32.10, 7217.32.50, 7217.33.10, 7217.33.50, 7217.39.10, 7217.39.50, 7219.11, 7219.12, 7219.13, 7219.14, 7219.21, 7219.22, 7219.23, 7219.24, 7219.31, 7219.32, 7219.33, 7219.34, 7219.35, 7219.90, 7220.11, 7220.12.10, 7220.12.50, 7220.20.10, 7220.20.60, 7220.20.70, 7220.20.80, 7220.20.90, 7220.90, 7221.00, 7222.10, 7222.20, 7222.30, 7223.00.10, 7223.00.50, 7223.00.90, 7225.20, 7225.30.10, 7225.30.30, 7225.30.50, 7225.30.70, 7225.40.10, 7225.40.30, 7225.40.50, 7225.40.70, 7225.50.10, 7225.50.60, 7225.50.70, 7225.50.80, 7225.90, 7226.20, 7226.91.10, 7226.91.30, 7226.91.50, 7226.91.70, 7226.91.80, 7226.92.10, 7226.92.30, 7226.92.50, 7226.92.70, 7226.92.80, 7226.99, 7227.10, 7227.90.10, 7227.90.20, 7227.90.60, 7228.10, 7228.30.60, 7228.30.80, 7228.40, 7228.50.10, 7228.50.50, 7228.60.10, 7228.60.60, 7228.60.80, 7229.10, 7229.90.10, 7229.90.50, 7229.90.90:

Change all quota quantities for subheadings 9903.72.30, 9903.72.32, and 9903.72.34 to the following:

Item	Articles	Quota Quantity (in kilograms)	
		If entered during the restraint period:	
		July 20 through January 19	January 20 through July 19
9903.72.30	If entered during the period from October 20, 1987, through July 19, 1988 inclusive:		
	Canada	² 360,156	719,405
	Japan	² 1,048,716	2,098,340
	Korea	² 345,641	691,282
	Mexico	² 58,060	117,935
	Poland	² 77,111	155,130
	Spain	² 40,824	83,462
	Sweden	² 1,979,497	3,958,995
9903.72.32	Other, except as provided in U.S. note 4(g)(ii) to this subchapter	² 76,204	147,873
	If entered during the period from July 20, 1988, through July 19, 1989 inclusive:		
	Canada	735,734	736,642
	Japan	2,144,607	2,145,514
	Korea	713,055	712,147
	Mexico	126,100	126,100
	Poland	151,501	152,408
	Spain	85,276	85,276
9903.72.34	Sweden	4,048,807	4,048,807
	Other, except as provided in U.S. note 4(g)(ii) to this subchapter	148,780	147,873
	If entered during the period from July 20, 1989, through September 30, 1989 inclusive:		
	Canada	303,003	(³)
	Japan	883,607	(³)
	Korea	293,931	(³)
	Mexico	51,710	(³)
	Poland	62,596	(³)
Spain	35,381	(³)	
Sweden	1,667,423	(³)	
Other, except as provided in U.S. note 4(g)(ii) to this subchapter	61,689	(³)	

Change all quota quantities for subheadings 9903.72.40, 9903.72.42, and 9903.72.44 to the following:

Item	Articles	Quota Quantity (in kilograms)	
		If entered during the restraint period:	
		July 20 through January 19	January 20 through July 19
9903.72.40	If entered during the period from November 20, 1987, through July 19, 1988 inclusive:		
	Canada	997,913	1,995,827
9903.72.42	If entered during the period from July 20, 1988, through July 19, 1989 inclusive:		
	Canada	1,995,827	1,995,827
9903.72.44	If entered during the period from July 20, 1989, through September 30, 1989 inclusive:		
	Canada	798,331	(¹)