

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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**United States International Trade Commission
Washington, DC 20436**



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A Summary of U.S. Specialty Steel Import Developments, 1984-88

Imports of specialty steel products are limited principally by two types of restraints. On July 19, 1983, the President, by Presidential Proclamation 5074, imposed import relief for a period of four years for certain specialty steel products; the relief was extended through September 30, 1989. The Voluntary Restraint Agreements (VRAs), negotiated by the United States government with most major foreign steel suppliers, also limit imports of specialty steel products. ^{1/} On February 1, 1989, the industry requested that the specialty steel relief be incorporated into the VRA program, should the program be extended.

Apparent consumption of all specialty steel products rose by 22.7 percent during 1984-88, with imports as a percentage of apparent consumption declining slightly from 19 percent to 18 percent. Growth in demand for stainless steel products resulted from the increased use of stainless steels in the chemical, construction, paper, and food processing industries. As a percentage of apparent consumption, VRA imports fell from 16 percent in 1984 to 12 percent in 1988. They declined in volume by 5 percent from 251,256 short tons to 239,054 short tons.

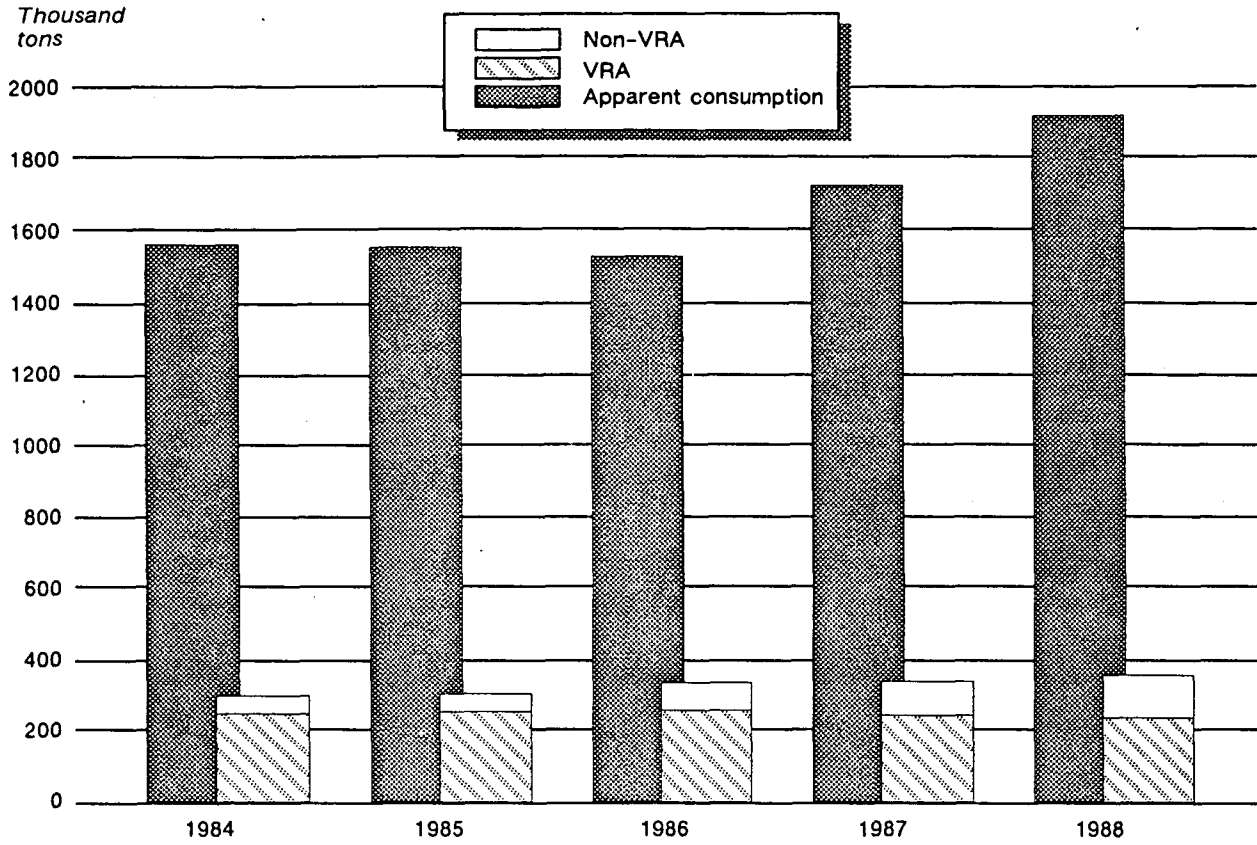
Imports from nonVRA countries accounted for 3 percent of apparent consumption in 1984, rising to 6 percent in 1988. In terms of volume, nonVRA imports rose 141 percent during the period from 49,504 short tons to 119,219 short tons (fig. 1). The growth in nonVRA imports was primarily attributable to increases in imports from Canada, Sweden, and Taiwan, the three principal nonVRA suppliers, which together accounted for 99 percent of nonVRA imports in 1988. Imports from Taiwan exhibited the largest percentage growth, rising from almost none in 1984 to 8,227 short tons in 1988. Imports from Canada rose by 364 percent and imports from Sweden increased by 44 percent during the period.

Imports of most specialty steel products rose during 1984-88 with the exception of stainless steel sheet and strip and stainless steel wire, which experienced import declines of 14 percent and 9 percent, respectively. There were concurrent increases in the unit values of imports in all product categories except alloy tool steel, which declined 7 percent. The unit value increases, most of which occurred during the latter part of the four-year period, were principally the result of a sharp rise in the price of nickel and chrome, two important raw materials in the production of stainless steel.

Nancy Fulcher
252-1434

^{1/} A more complete discussion of the specialty steel industry relief is presented in the preface of this report and in Monthly Reports on the Status of the Steel Industry, August 1987, USITC pub. 1998.

Figure 1
Apparent consumption and imports of specialty steel mill products, 1984-88



Source: American Iron and Steel Institute and U.S. Department of Commerce.

Monthly Summary
Subject Index

	<u>USITC</u> <u>Publication</u>	Date
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Unit values of imported steel; product mix-----	1869	6/86
Imports by customs areas-----	1878	7/86
Imports of semifinished steel-----	1887	8/86
Imports of pipe and tube-----	1894	9/86
Imports of carbon and alloy wire-----	1901	10/86
Imports of wire products-----	1913	11/86
Imports of specialty steel products-----	1933	12/86
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Annual summary of trade with VRA and non-VRA countries; product trade assessment-----	2064	3/88
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Specialty steel imports-----	2184	5/89

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
(estimated) 3/

Quota agreements

	(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-February	
						1988	1989
Raw steel:							
Production (1,000 short tons).....	92,528	88,259	81,606	88,472	99,328	16,364	16,764
Capability utilization (percent).....	68.4	66.1	63.8	78.9	88.7	89.0	88.9
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	168	168
Receiving wages (thousands).....	171	151	128	121	125	125	124
Hourly employment cost ^{1/} (dollars).....	21.30	22.81	23.5	23.70	24.65	24.19	24.47
Steel:							
Shipments (1,000 short tons).....	73,740	73,043	64,947	76,473	83,815	13,322	14,119
Imports (1,000 short tons).....	26,705	24,885	21,289	20,938	21,869	3,899	3,251
Exports (1,000 short tons).....	1,081	992	980	1,176	2,152	199	527
Apparent consumption (1,000 short tons)....	99,363	96,591	90,026	95,759	103,532	17,021	16,844
Ratio of imports to consumption (percent)...	26.9	25.8	23.6	21.3	21.1	22.9	19.3
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/} 24,486	^{4/}	^{4/}
Net steel income (million dollars).....	(186)	(1,743)	(4,203)	988	^{3/} 2,476	^{4/}	^{4/}
Ratio of net sales to income (percent)...	(0.6)	(5.9)	(16.9)	5	^{3/} 10.1	^{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	1985	1986	1987	1988	January-February	
						1988	1989
All grades of steel:							
Semifinished-----	1,306,044	1,374,524	1,388,649	2,095,599	1,746,267	268,326	383,016
Plate-----	4,338,993	4,327,347	3,531,806	4,065,183	7,361,445	1,198,969	1,171,149
Sheet and strip-----	40,878,749	40,850,298	40,055,641	43,288,266	44,707,915	7,063,385	7,583,287
Bars & certain shapes ^{1/} -----	13,232,473	12,667,539	12,101,642	12,937,033	14,618,068	2,212,627	2,507,777
Wire rod-----	3,090,036	2,961,769	3,493,632	3,838,788	4,044,688	675,656	662,787
Wire-----	962,726	874,135	797,859	786,963	1,072,698	182,382	172,350
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	910,587	954,882
Rails & related products-----	1,238,900	931,313	647,697	504,561	507,278	81,598	102,214
Pipe and tube-----	4,275,759	4,095,825	2,836,458	3,569,647	4,443,251	728,069	581,891
Total-----	73,739,529	73,043,323	69,946,884	76,472,610	83,815,069	13,321,599	14,119,353
Carbon & certain alloy ^{2/} steel:							
Semifinished-----	1,266,364	1,327,766	1,339,062	2,018,535	1,828,600	255,989	364,774
Plate-----	4,223,128	4,185,883	3,415,947	3,906,102	7,178,573	1,170,214	1,138,145
Sheet and strip-----	40,058,979	40,018,167	39,256,239	42,347,623	43,663,695	6,889,073	7,395,515
Bars & certain shapes-----	13,031,564	12,478,002	11,926,843	12,753,157	14,414,095	2,179,326	2,474,405
Wire rod-----	3,038,112	2,931,897	3,457,233	3,791,034	3,986,930	664,454	655,532
Wire-----	933,382	851,841	773,204	760,229	1,043,112	177,768	167,044
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	910,587	954,882
Rails & related products-----	1,238,900	931,313	647,697	504,561	507,278	81,598	102,214
Pipe and tube-----	4,224,071	4,046,771	2,794,218	3,527,867	4,387,761	719,302	572,832
Total-----	72,430,349	71,732,213	68,703,943	74,995,678	82,323,503	13,048,311	13,825,343
Stainless & alloy tool steel:							
Stainless steel:							
Semifinished-----	39,680	46,758	49,587	77,064	79,953	12,337	18,242
Plate-----	115,865	141,464	115,859	159,081	182,872	28,755	33,004
Sheet and strip-----	819,770	832,131	799,402	940,643	1,044,220	174,312	187,772
Bars & certain shapes-----	139,980	129,267	119,024	125,441	139,696	23,213	22,770
Wire rod-----	51,924	29,872	36,399	47,754	57,758	11,202	7,255
Wire-----	29,344	22,294	24,655	26,734	29,586	4,614	5,306
Pipe and tube-----	51,688	49,054	42,240	41,780	55,490	8,767	9,059
Tool steel (all forms)-----	60,929	60,270	55,775	58,435	64,277	10,088	10,602
Total-----	1,309,180	1,311,110	1,242,941	1,476,932	1,653,852	273,288	294,010

^{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	1984	1985	1986	1987	1988	January-February	
						1988	1989
All grades of steel:							
Semifinished-----	1,632,065	2,440,368	2,084,322	2,288,995	2,844,979	559,940	362,482
Plate-----	1,782,050	1,772,309	1,456,790	1,566,694	1,872,937	309,132	272,734
Sheet and strip-----	10,332,032	9,046,089	8,278,604	7,875,891	7,303,964	1,285,793	1,049,142
Bars & certain shapes 1/-----	1,722,313	1,550,559	1,476,368	1,359,758	1,445,932	231,669	251,011
Wire rod-----	1,589,788	1,476,145	1,362,753	1,467,030	1,493,833	241,868	214,890
Wire-----	671,829	612,485	582,022	555,981	540,380	92,205	85,163
Wire products-----	738,680	674,960	636,591	649,377	572,451	101,547	114,732
Structural shapes & units-----	2,432,694	2,440,403	2,179,657	2,153,669	2,188,467	341,033	381,208
Rails & related products-----	373,890	382,046	275,710	245,988	319,432	44,285	64,484
Pipe and tube-----	5,429,839	4,489,287	2,956,303	2,775,091	3,286,690	691,465	455,126
Total-----	26,705,180	24,884,651	21,289,120	20,938,474	21,869,065	3,898,937	3,250,972
Carbon & certain alloy 2/ steel:							
Semifinished-----	1,618,365	2,430,078	2,066,700	2,232,270	2,782,572	553,211	348,374
Plate-----	1,774,614	1,760,812	1,440,375	1,555,577	1,857,090	306,553	269,289
Sheet and strip-----	10,194,435	8,910,469	8,127,033	7,746,596	7,185,380	1,266,074	1,024,741
Bars & certain shapes-----	1,652,025	1,475,447	1,393,731	1,281,168	1,361,113	215,598	228,300
Wire rod-----	1,570,952	1,456,078	1,344,256	1,448,720	1,474,623	238,981	212,054
Wire-----	649,126	590,317	564,481	536,897	519,727	89,238	80,864
Wire products-----	738,680	674,960	636,591	649,377	572,451	101,547	114,732
Structural shapes & units-----	2,432,694	2,440,403	2,179,657	2,153,669	2,188,467	341,033	381,208
Rails & related products-----	373,890	382,046	275,710	245,988	319,432	44,285	64,484
Pipe and tube-----	5,399,642	4,457,277	2,923,029	2,748,644	3,249,937	684,030	448,378
Total-----	26,404,423	24,577,887	20,951,563	20,598,906	21,510,792	3,840,550	3,172,424
Stainless & alloy tool steel:							
Stainless steel:							
Semifinished-----	13,700	10,290	17,622	56,725	62,407	6,729	14,108
Plate-----	7,436	11,497	16,415	11,118	15,847	2,579	3,445
Sheet and strip-----	137,597	135,620	151,571	129,295	118,584	19,719	24,400
Bars & certain shapes-----	38,234	37,970	37,888	37,991	40,724	7,254	6,079
Wire rod-----	18,835	20,067	18,496	18,311	19,210	2,887	2,836
Wire-----	22,703	22,169	17,541	19,084	20,653	2,967	4,299
Pipe and tube-----	30,197	32,009	33,274	26,448	36,752	7,435	6,748
Tool steel (all forms)-----	32,054	37,142	44,749	40,599	44,095	8,816	16,632
Total-----	300,756	306,764	337,556	339,571	358,272	58,386	78,547

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-February	
						1988	1989
All grades of steel:							
Semifinished-----	73,536	89,708	58,885	73,543	61,430	8,974	32,356
Plate-----	88,184	82,988	69,565	96,538	119,393	13,877	105,636
Sheet and strip-----	389,577	375,396	507,420	556,991	1,374,056	102,329	223,807
Bars & certain shapes 1/--	133,595	99,096	81,224	121,869	141,461	20,649	29,701
Wire rod-----	8,646	4,740	5,876	8,217	10,161	1,933	3,005
Wire-----	19,979	19,146	26,760	26,669	36,668	4,534	4,402
Wire products-----	22,085	19,253	24,731	23,257	27,847	3,629	2,588
Structural shapes & units--	119,256	89,031	71,525	101,373	111,614	16,307	31,116
Rails & related products--	19,079	13,430	13,131	15,755	18,855	2,930	9,631
Pipe and tube-----	207,426	199,258	121,050	152,155	250,390	24,218	84,529
Total-----	1,081,363	992,046	980,167	1,176,367	2,151,875	199,380	526,771
Carbon & certain alloy 2/ steel:							
Semifinished-----	72,285	82,650	57,932	71,362	58,598	8,476	31,441
Plate-----	84,813	74,957	66,042	92,057	107,546	12,730	103,646
Sheet and strip-----	369,495	349,620	477,803	501,010	1,328,485	95,839	212,950
Bars & certain shapes-----	126,090	89,241	72,134	111,619	124,911	18,833	22,031
Wire rod-----	7,918	3,716	5,049	6,889	8,676	1,774	2,562
Wire-----	17,524	17,182	24,033	22,863	32,209	4,149	3,976
Wire products-----	22,085	19,253	24,731	23,257	27,847	3,629	2,588
Structural shapes & units--	119,256	89,031	71,525	101,373	111,614	16,307	31,116
Rails & related products--	19,079	13,430	13,131	15,755	18,855	2,930	9,631
Pipe and tube-----	199,778	193,309	118,010	143,405	244,192	23,654	82,678
Total-----	1,038,323	932,389	930,390	1,089,590	2,062,933	188,321	502,619
Stainless & alloy tool steel:							
Stainless steel:							
Semifinished-----	1,251	7,058	953	2,181	2,833	498	915
Plate-----	3,371	8,031	3,523	4,481	11,847	1,147	1,989
Sheet and strip-----	20,081	25,776	29,617	55,981	45,571	6,490	10,857
Bars & certain shapes-----	5,178	7,762	6,946	7,189	12,047	1,013	3,458
Wire rod-----	728	1,024	828	1,328	1,486	159	443
Wire-----	2,455	1,964	2,728	3,806	4,459	384	426
Pipe and tube-----	7,648	5,948	3,040	8,751	6,198	564	1,851
Tool steel (all forms)-----	2,326	2,094	2,144	3,061	4,502	803	4,212
Total-----	43,038	59,657	49,779	86,778	88,943	11,058	24,151

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

(Short tons)

Item	1984	1985	1986	1987	1988	January-February	
						1988	1989
All grades of steel:							
Semifinished-----	2,864,573	3,725,184	3,414,086	4,311,051	4,529,816	819,292	713,142
Plate-----	6,032,859	6,016,668	4,919,031	5,535,339	9,114,989	1,494,224	1,338,247
Sheet and strip-----	50,821,204	49,520,991	47,826,825	50,607,166	50,637,823	8,246,849	8,408,622
Bars & certain shapes 1/--	14,821,191	14,119,002	13,496,786	14,174,922	15,922,539	2,423,647	2,729,087
Wire rod-----	4,671,178	4,433,174	4,850,509	5,297,601	5,528,360	915,591	874,672
Wire-----	1,614,576	1,467,474	1,353,121	1,316,275	1,576,410	270,053	365,255
Wire products-----	976,211	917,975	889,928	930,881	3/	3/	3/
Structural shapes & units--	6,469,671	7,049,677	6,923,564	7,134,105	7,390,312	1,235,313	1,304,974
Rails & related products--	1,593,711	1,299,929	910,276	734,794	807,855	122,953	157,067
Pipe and tube-----	9,498,172	8,385,854	5,671,711	6,192,583	7,479,551	1,395,316	952,488
Total-----	99,363,346	96,935,928	90,255,837	96,234,717	103,532,259	17,021,156	16,843,554
Carbon & certain alloy 2/ steel:							
Semifinished-----	2,812,444	3,675,194	3,347,830	4,179,443	4,552,574	800,724	681,707
Plate-----	5,912,929	5,871,738	4,790,280	5,369,622	8,928,117	1,464,037	1,303,788
Sheet and strip-----	49,883,919	48,579,016	46,905,469	49,593,209	49,520,590	8,059,308	8,207,306
Bars & certain shapes-----	14,557,499	13,864,208	13,248,440	13,922,706	15,650,297	2,376,091	2,680,674
Wire rod-----	4,601,146	4,384,259	4,796,440	5,232,865	5,452,877	901,661	865,024
Wire-----	1,564,984	1,424,976	1,313,652	1,274,263	1,530,630	262,857	243,932
Wire products-----	976,211	917,975	889,928	930,881	3/	3/	3/
Structural shapes & units--	6,469,671	7,049,677	6,923,564	7,134,105	7,390,312	1,235,313	1,304,974
Rails & related products--	1,593,711	1,299,929	910,276	734,794	807,855	122,953	157,067
Pipe and tube-----	9,423,935	8,310,739	5,599,237	6,133,106	7,393,506	1,379,678	938,532
Total-----	97,796,449	95,377,711	88,725,116	94,504,994	101,771,362	16,700,540	16,495,148
Stainless & alloy tool steel:							
Stainless steel:							
Semifinished-----	52,129	49,990	66,256	131,608	139,527	18,568	31,435
Plate-----	119,930	144,930	128,751	165,718	186,872	30,187	34,460
Sheet and strip-----	937,286	941,975	921,356	1,013,957	1,117,233	187,541	201,315
Bars & certain shapes-----	173,036	159,475	149,966	156,243	168,373	29,454	25,391
Wire rod-----	70,031	48,915	54,067	64,737	75,482	13,930	9,648
Wire-----	49,592	42,499	39,468	42,012	45,780	7,197	9,179
Pipe and tube-----	74,237	75,115	72,474	59,477	86,044	15,638	13,956
Tool steel (all forms)-----	90,657	95,318	98,380	95,973	103,870	18,101	23,022
Total-----	1,566,898	1,558,217	1,530,718	1,729,725	1,923,181	320,616	348,406

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

(Percent)

Item	1984	1985	1986	1987	1988	January-February	
						1988	1989
All grades of steel:							
Semifinished-----	57.0	65.5	61.1	53.1	62.8	68.3	50.8
Plate-----	29.5	29.5	29.6	28.3	20.5	20.7	20.4
Sheet and strip-----	20.3	18.3	17.3	15.6	14.4	15.6	12.5
Bars & certain shapes 1/--	11.6	11.0	10.9	9.6	9.1	9.6	9.2
Wire rod-----	34.0	33.3	28.1	27.7	27.0	26.4	24.6
Wire-----	41.6	41.7	43.0	42.2	34.3	34.1	33.6
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	29.2
Rails & related products--	23.5	29.4	30.3	33.5	39.5	36.0	41.1
Pipe and tube-----	57.2	53.5	52.1	44.8	43.9	49.6	47.8
Total-----	26.9	25.7	23.6	21.8	21.1	22.9	19.3
Carbon & certain alloy 2/ steel:							
Semifinished-----	57.5	66.1	61.7	53.4	61.1	69.1	51.1
Plate-----	30.0	30.0	30.1	29.0	20.8	20.9	20.7
Sheet and strip-----	20.4	18.3	17.3	15.6	14.5	15.7	12.5
Bars & certain shapes-----	11.3	10.6	10.5	9.2	8.7	9.1	8.5
Wire rod-----	34.1	33.2	28.0	27.7	27.0	26.5	24.5
Wire-----	41.5	41.4	43.0	42.1	34.0	33.9	33.2
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	29.2
Rails & related products--	23.5	29.4	30.3	33.5	39.5	36.0	41.1
Pipe and tube-----	57.3	53.6	52.2	44.8	44.0	49.6	47.8
Total-----	27.0	25.8	23.6	21.8	21.1	23.0	19.2
Stainless & alloy tool steel:							
Stainless steel:							
Semifinished-----	26.3	20.6	26.6	43.1	44.7	36.2	44.9
Plate-----	6.2	7.9	12.7	6.7	8.5	8.5	10.0
Sheet and strip-----	14.7	14.4	16.5	12.8	10.6	10.5	12.1
Bars & certain shapes-----	22.1	23.8	25.3	24.3	24.2	24.6	23.9
Wire rod-----	26.9	41.0	34.2	28.3	25.4	20.7	29.4
Wire-----	45.8	52.2	44.4	45.4	45.1	41.2	46.8
Pipe and tube-----	40.7	42.6	45.9	44.5	42.7	47.5	48.4
Tool steel (all forms)-----	35.4	39.0	45.5	42.3	42.5	48.7	72.2
Total-----	19.2	19.7	22.1	19.6	18.6	18.2	22.5

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--February	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia -----	155,112	282,085	74,079	50,820
Austria -----	119,666	138,101	19,871	6,198
Brazil -----	1,152,972	1,476,896	316,466	301,534
Czechoslovakia -----	29,792	37,301	4,388	124
East Germany -----	95,910	92,239	19,765	14,608
EC countries-----	5,314,371	5,766,991	850,417	683,793
Finland -----	174,889	212,989	39,153	39,273
Hungary -----	27,064	30,094	7,955	3,430
Japan -----	4,384,621	4,343,898	761,809	742,470
Mexico -----	491,204	488,367	79,932	37,717
Peoples Rep of China -----	51,107	68,840	9,567	7,699
Poland -----	91,936	89,648	20,119	9,191
Portugal -----	31,087	22,739	7,006	2,417
Romania -----	82,408	102,548	21,732	1,490
Republic of South Africa -----	30,015	1,693	1,593	103
Korea, Republic of -----	1,434,872	1,572,602	350,184	223,397
Spain -----	520,988	486,490	109,197	145,017
Trinidad and Tobago -----	62,575	31,518	6,796	4,316
Venezuela -----	170,571	169,383	42,726	10,848
Yugoslavia -----	15,394	12,751	1,060	861
Total-----	14,436,554	15,427,173	2,743,815	2,285,306
Other countries:				
Canada -----	3,809,440	3,430,920	587,418	576,012
Sweden -----	609,367	575,055	136,555	50,308
Argentina -----	346,494	558,011	139,963	26,681
Turkey -----	407,413	307,985	53,392	40,931
Indonesia -----	235,573	281,142	27,882	13,878
Taiwan -----	263,415	252,112	51,796	37,711
Norway -----	154,231	181,502	24,790	24,092
Thailand -----	120,179	160,364	27,014	24,316
Singapore -----	144,538	153,164	11,825	14,080
India -----	60,774	100,261	14,096	6,882
All others-----	350,496	441,375	80,391	150,773
Total-----	6,501,920	6,441,891	1,155,122	965,664
Grand total-----	20,938,474	21,869,064	3,898,937	3,250,970

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--February	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia -----	70,374	118,494	28,312	24,018
Austria -----	58,007	82,907	11,867	7,861
Brazil -----	328,749	463,632	86,325	101,615
Czechoslovakia -----	7,156	12,019	1,328	74
East Germany -----	25,328	31,340	5,700	4,832
EC countries -----	2,197,086	2,721,224	384,768	362,306
Finland -----	65,035	101,105	16,192	17,042
Hungary -----	6,191	8,600	2,016	1,101
Japan -----	2,189,840	2,562,005	436,149	450,674
Mexico -----	204,210	240,693	36,856	21,906
Peoples Rep of China -----	23,586	27,574	3,564	4,062
Poland -----	27,141	30,281	6,253	3,910
Portugal -----	15,163	10,575	3,495	1,557
Romania -----	25,093	36,063	6,654	597
Republic of South Africa -----	7,322	1,487	817	84
Korea, Republic of -----	633,718	770,065	161,083	110,854
Spain -----	200,168	249,811	43,458	73,295
Trinidad and Tobago -----	15,482	8,602	1,623	1,719
Venezuela -----	48,835	53,699	12,205	4,499
Yugoslavia -----	5,404	5,947	433	286
Total-----	6,153,888	7,536,123	1,249,098	1,192,292
Other countries:				
Canada -----	1,660,699	1,706,602	271,400	309,491
Sweden -----	301,016	358,878	66,707	47,581
Argentina -----	122,695	221,845	48,132	10,645
Turkey -----	123,568	93,038	15,725	12,639
Indonesia -----	56,949	81,687	8,558	5,379
Taiwan -----	118,228	134,663	24,839	20,964
Norway -----	39,735	55,371	6,685	7,736
Thailand -----	43,817	65,625	10,624	10,078
Singapore -----	42,953	50,365	4,693	5,893
India -----	22,889	43,769	5,173	3,769
All others-----	124,712	164,938	26,856	83,114
Total-----	2,657,261	2,976,781	489,392	517,289
Grand total-----	8,811,149	10,512,904	1,738,490	1,709,581

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

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-February	
			1988	1989
Quantity (Short tons)				
VRA countries:				
Australia -----	155,077	202,683	53,721	50,820
Austria -----	119,666	138,029	19,871	6,198
Brazil -----	671,685	755,083	128,355	189,401
Czechoslovakia -----	29,792	37,301	4,388	124
East Germany -----	95,909	92,239	19,765	14,608
EC -----	4,358,698	4,611,870	690,827	526,849
Finland -----	160,941	209,750	39,153	39,273
Hungary -----	26,495	30,094	7,955	3,430
Japan -----	4,291,332	4,264,692	754,136	718,462
Mexico -----	429,320	424,451	66,705	35,895
Peoples Rep of China -----	51,093	68,840	9,567	7,699
Poland -----	90,476	89,295	19,841	8,950
Portugal -----	31,087	22,739	7,006	2,417
Romania -----	82,408	102,548	21,732	1,490
Republic of South Africa -----	7,437	1,693	1,593	103
Korea, Republic of -----	1,407,830	1,515,157	350,096	212,134
Spain -----	484,083	449,539	90,250	139,823
Trinidad and Tobago -----	62,575	28,460	6,796	4,316
Venezuela -----	130,749	119,720	20,785	10,848
Yugoslavia -----	15,394	12,751	1,060	861
Total -----	12,702,047	13,176,934	2,313,602	1,973,701
Other countries:				
Canada -----	3,673,795	3,327,082	573,892	561,157
Argentina -----	343,363	535,190	117,143	26,620
Turkey -----	407,413	307,985	53,392	40,931
Indonesia -----	234,667	276,988	26,646	13,878
Sweden -----	267,311	269,005	65,427	26,749
Taiwan -----	263,415	252,112	51,796	37,711
Thailand -----	120,179	160,364	27,014	24,316
Singapore -----	144,538	153,164	11,825	14,080
Norway -----	109,791	116,917	24,790	18,216
India -----	60,774	100,261	14,096	6,882
All others -----	322,184	348,084	59,371	144,250
Total -----	5,947,430	5,847,152	1,025,392	914,790
Grand total -----	18,649,477	19,024,086	3,338,994	2,888,491

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	1987	1988	January-February	
			1988	1989
Import/consumption ratio (percent)				
VRA countries:				
Australia -----	.2	.2	.3	.3
Austria -----	.1	.1	.1	^{2/}
Brazil -----	.7	.8	.8	1.2
Czechoslovakia -----	^{2/}	^{2/}	^{2/}	^{2/}
East Germany -----	.1	.1	.1	.1
EC-----	4.8	4.7	4.3	3.3
Finland -----	.2	.2	.2	.2
Hungary -----	^{2/}	^{2/}	^{2/}	^{2/}
Japan -----	4.7	4.4	4.7	4.5
Mexico -----	.5	.4	.4	.2
Peoples Rep of China -----	.1	.1	.1	^{2/}
Poland -----	.1	.1	.1	.1
Portugal -----	^{2/}	^{2/}	^{2/}	^{2/}
Romania -----	.1	.1	.1	^{2/}
Republic of South Africa -----	^{2/}	^{2/}	^{2/}	^{2/}
Korea, Republic of -----	1.6	1.5	2.2	1.3
Spain -----	.5	.5	.6	.9
Trinidad and Tobago -----	.1	^{2/}	^{2/}	^{2/}
Venezuela -----	.1	.1	.1	.1
Yugoslavia -----	^{2/}	^{2/}	^{2/}	^{2/}
Total-----	14.0	13.5	14.5	12.4
Other countries:				
Canada -----	4.1	3.4	3.6	3.5
Argentina -----	.4	.5	.7	.2
Turkey -----	.4	.3	.3	.3
Indonesia -----	.3	.3	.2	.1
Sweden -----	.3	.3	.4	.2
Taiwan -----	.3	.3	.3	.2
Thailand -----	.1	.2	.2	.2
Singapore -----	.2	.2	.1	.1
Norway -----	.1	.1	.2	.1
India -----	.1	.1	.1	^{2/}
All others-----	.4	.4	.4	.9
Total-----	6.6	6.0	6.4	5.7
Grand total-----	20.6	19.5	20.9	18.1

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

^{2/} Less than 0.05 percent.

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/	1987	1988	January--February	
				1988	1989
Quantity (short tons)					
VRA countries:					
Australia	50,000	35	79,402	20,358	0
Austria	3/	0	73	0	0
Brazil	700,000	481,287	721,813	188,110	112,133
Czechoslovakia	3/	0	0	0	0
East Germany	3/	1	0	0	0
EC Countries	4/ 820,000	955,673	1,155,121	159,590	156,944
Finland	15,000	13,948	3,239	0	0
Hungary	3/	569	0	0	0
Japan	100,000	93,288	79,206	7,673	24,009
Mexico	100,000	61,884	63,916	13,226	1,822
Peoples Rep of China	3/	13	0	0	0
Poland	3/	1,460	353	279	241
Portugal	3/	0	0	0	0
Romania	3/	0	0	0	0
Republic of South Africa	5/ 100,000	22,578	0	0	0
Korea, Republic of	50,000	27,043	57,445	88	11,264
Spain	50,000	36,905	36,951	18,947	5,195
Trinidad and Tobago	3,500	0	3,058	0	0
Venezuela	60,000	39,822	49,663	21,941	0
Yugoslavia	3/	0	0	0	0
Total	2,048,500	1,734,506	2,250,240	430,212	311,608
Other countries:					
Sweden	6/	342,056	306,050	71,128	23,559
Canada	6/	135,645	103,838	13,525	14,855
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	22,820	62
Indonesia	6/	906	4,154	1,236	0
Switzerland	6/	99	0	0	0
Belgium	6/	0	0	0	6,523
Total	6/	554,489	594,739	129,728	50,876
Grand total	2,048,500	2,288,995	2,844,979	559,940	362,484

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 $\frac{1}{2}$ semifinished steel: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January--February	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia -----	35	79,402	20,358	0
Austria -----	0	0	0	0
Brazil -----	467,926	720,130	188,110	112,133
Czechoslovakia -----	0	0	0	0
East Germany -----	2/	0	0	0
EC countries -----	949,332	1,151,180	158,505	156,122
Finland -----	13,948	3,239	0	0
Hungary -----	569	0	0	0
Japan -----	89,683	77,271	7,093	23,744
Mexico -----	61,884	63,916	13,226	1,822
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	11,264
Spain -----	36,537	30,268	18,585	1,600
Trinidad and Tobago -----	0	3,058	0	0
Venezuela -----	39,822	49,663	21,941	0
Yugoslavia -----	0	0	0	0
Total -----	1,710,830	2,235,851	428,185	306,685
Other countries:				
Sweden -----	334,207	291,559	70,374	21,748
Canada -----	110,445	70,310	9,576	7,478
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	22,820	62
Indonesia -----	906	4,154	1,236	0
Switzerland -----	99	2/	2/	0
Belgium -----	0	0	0	6,523
Total -----	521,440	546,720	125,025	41,688
Grand total -----	2,232,270	2,782,571	553,210	348,373

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--February	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia -----	6	15,165	2,952	0
Austria -----	0	0	0	0
Brazil -----	87,231	161,215	38,687	28,655
Czechoslovakia -----	0	0	0	0
East Germany -----	7	0	0	0
EC countries -----	208,398	284,362	35,942	39,232
Finland -----	2,945	770	0	0
Hungary -----	128	0	0	0
Japan -----	20,477	19,499	1,685	5,857
Mexico -----	11,428	17,342	3,079	789
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	2,698
Spain -----	6,503	6,521	3,547	602
Trinidad and Tobago -----	0	617	0	0
Venezuela -----	6,708	11,049	3,822	0
Yugoslavia -----	0	0	0	0
Total -----	352,560	531,182	89,803	77,833
Other countries:				
Sweden -----	76,098	73,544	16,784	5,589
Canada -----	26,940	21,337	2,710	4,123
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	6,147	21
Indonesia -----	242	1,196	336	0
Switzerland -----	140	3	1	0
All others -----	0	0	0	1,802
Total -----	118,959	137,419	29,904	12,823
Grand total -----	471,519	668,601	119,707	90,656

^{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 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--February	
			1988	1989
	Quantity (short tons)			
VRA countries:				
Australia -----	5,014	5,935	1,070	474
Austria -----	9,701	21,426	3,063	506
Brazil -----	112,608	171,537	17,900	60,178
Czechoslovakia -----	10,416	16,455	0	0
East Germany -----	16,091	17,270	3,510	1,153
EC countries -----	381,994	467,491	70,767	33,492
Finland -----	69,486	96,135	10,473	18,780
Hungary -----	13,933	16,146	4,437	2,480
Japan -----	35,903	44,538	4,858	7,459
Mexico -----	12,930	20,867	3,878	2,279
Peoples Rep of China -----	0	26	0	0
Poland -----	30,633	30,860	4,761	4,466
Portugal -----	0	0	0	0
Romania -----	49,274	68,325	11,168	1,438
Republic of South Africa -----	465	0	0	0
Korea, Republic of -----	64,323	68,405	6,882	9,303
Spain -----	63,973	48,484	9,612	18,469
Trinidad and Tobago -----	0	389	0	0
Venezuela -----	6,872	6,653	0	64
Yugoslavia -----	0	1,423	0	0
Total-----	883,616	1,102,365	152,379	160,541
Other countries:				
Canada -----	449,135	419,556	78,767	50,865
Sweden -----	106,253	110,743	31,281	9,336
Indonesia -----	46,701	84,969	16,603	0
Argentina -----	17,499	44,564	11,986	0
India -----	35,711	34,780	2,933	0
Egypt -----	0	21,147	4,900	0
Pakistan -----	6,227	15,610	0	0
Algeria -----	0	8,054	3,296	0
Turkey -----	6,145	5,946	4,111	89
New Zealand -----	0	3,849	0	1,071
All others -----	4,290	5,507	297	47,388
Total-----	671,961	754,725	154,174	108,749
Grand total-----	1,555,577	1,857,090	306,553	269,290

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--February	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia -----	2,285	3,190	584	211
Austria -----	3,379	8,467	1,158	229
Brazil -----	36,299	67,413	7,206	17,409
Czechoslovakia -----	2,292	5,280	0	0
East Germany -----	3,761	5,566	906	397
EC countries -----	126,682	197,106	27,068	15,089
Finland -----	18,573	38,528	3,342	6,817
Hungary -----	3,104	4,494	1,044	793
Japan -----	19,324	27,120	2,498	4,283
Mexico -----	3,340	8,122	1,361	1,128
Peoples Rep of China -----	0	28	0	0
Poland -----	7,316	9,971	1,306	1,583
Portugal -----	0	0	0	0
Romania -----	13,447	22,680	3,238	561
Republic of South Africa -----	145	0	0	0
Korea, Republic of -----	21,560	28,496	2,456	3,639
Spain -----	20,059	22,593	3,655	6,902
Trinidad and Tobago -----	0	122	0	0
Venezuela -----	1,762	2,062	0	23
Yugoslavia -----	0	461	0	0
Total-----	283,328	451,699	55,822	59,064
Other countries:				
Canada -----	155,991	175,573	30,556	22,296
Sweden -----	40,807	52,247	13,627	5,038
Indonesia -----	12,461	25,597	5,065	0
Argentina -----	4,317	14,038	3,413	0
India -----	13,055	14,024	796	0
Egypt -----	0	6,652	1,276	0
Pakistan -----	2,559	4,117	0	0
Algeria -----	0	2,330	918	0
Turkey -----	1,554	2,186	1,533	40
New Zealand -----	0	1,350	0	346
All others-----	1,708	1,855	204	21,185
Total-----	232,452	299,969	57,388	48,905
Grand total-----	515,780	751,668	113,210	107,969

^{1/} 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 12.--Carbon and certain alloy $\frac{1}{2}$ 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--February	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia -----	123,054	169,338	47,315	42,085
Austria -----	82,055	80,141	10,452	2,159
Brazil -----	343,715	279,788	31,386	79,399
Czechoslovakia -----	2,410	0	0	0
East Germany -----	61,012	50,830	11,659	7,476
EC countries -----	2,172,597	2,143,264	302,743	195,135
Finland -----	71,070	85,164	25,574	13,750
Hungary -----	9,600	13,211	2,933	951
Japan -----	2,381,393	2,209,538	389,505	377,713
Mexico -----	127,973	139,529	19,769	4,920
Peoples Rep of China -----	584	0	0	18
Poland -----	13,390	11,005	2,648	0
Portugal -----	29,872	16,837	6,949	1,881
Romania -----	3,665	6,731	3,218	52
Republic of South Africa -----	372	0	0	0
Korea, Republic of -----	603,796	487,380	96,946	55,586
Spain -----	100,179	88,988	21,111	33,771
Trinidad and Tobago -----	0	63	0	0
Venezuela -----	56,293	57,246	13,970	4,662
Yugoslavia -----	0	0	0	5
Total-----	6,183,030	5,839,053	986,178	819,563
Other countries:				
Canada -----	1,119,490	856,040	156,713	146,586
Argentina -----	175,619	243,388	67,857	1,490
Taiwan -----	60,024	78,901	13,848	5,463
Sweden -----	61,509	51,007	15,915	4,363
New Zealand -----	10,795	29,118	1,195	19,597
Algeria -----	11,632	21,102	6,106	0
Indonesia -----	24,966	20,138	4,525	160
Turkey -----	67,134	17,019	11,923	0
Norway -----	15,629	14,466	1,581	2,394
Pakistan -----	10,113	8,324	0	0
All others -----	6,653	6,824	232	25,124
Total-----	1,563,564	1,346,327	279,895	205,177
Grand total-----	7,746,594	7,185,380	1,266,073	1,024,740

See footnote(s) at end of table.

Table 12.--Carbon and certain alloy $\frac{1}{2}$ 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--February	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia -----	59,001	90,392	23,112	20,398
Austria -----	26,289	31,089	3,787	1,002
Brazil -----	119,782	111,040	12,805	31,735
Czechoslovakia -----	644	0	0	0
East Germany -----	17,087	18,100	3,682	2,694
EC countries-----	877,390	995,304	133,115	98,872
Finland -----	25,253	32,525	9,791	5,793
Hungary -----	2,371	3,751	706	308
Japan -----	1,208,940	1,211,321	207,712	214,214
Mexico -----	60,338	77,632	10,104	3,211
Peoples Rep of China -----	114	0	0	7
Poland -----	5,198	5,049	1,123	0
Portugal -----	14,108	8,172	3,417	1,010
Romania -----	1,246	2,176	858	36
Republic of South Africa -----	124	0	0	0
Korea, Republic of -----	234,228	209,663	41,414	23,013
Spain -----	40,855	41,812	8,475	15,864
Trinidad and Tobago -----	0	19	0	0
Venezuela -----	18,728	22,121	5,826	2,089
Yugoslavia -----	0	0	0	3
Total-----	2,711,696	2,860,166	465,927	420,249
Other countries:				
Canada -----	463,992	381,804	67,184	70,503
Argentina -----	64,208	92,033	24,844	613
Taiwan -----	22,313	31,494	5,382	2,362
Sweden -----	37,494	39,376	8,667	6,451
New Zealand -----	5,600	11,315	506	8,266
Algeria -----	4,076	8,668	2,780	0
Indonesia -----	6,638	7,569	1,205	76
Turkey -----	27,144	6,256	4,146	0
Norway -----	7,955	7,909	792	1,582
Pakistan -----	2,221	3,600	0	0
All others-----	2,985	3,066	239	11,362
Total-----	644,626	593,090	115,745	101,215
Grand total-----	3,356,322	3,453,256	581,672	521,464

$\frac{1}{2}$ 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 13.--Carbon and certain alloy 1/₂ 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--February	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia -----	117	826	7	36
Austria -----	394	693	41	166
Brazil -----	50,090	96,561	28,386	12,576
Czechoslovakia -----	0	0	0	0
East Germany -----	2	0	0	0
EC countries -----	209,024	222,242	21,862	27,128
Finland -----	2,752	4,081	560	1,003
Hungary -----	43	146	0	0
Japan -----	154,408	107,959	25,018	16,876
Mexico -----	31,521	22,813	2,650	642
Peoples Rep of China -----	4,820	3,441	970	386
Poland -----	1,037	1,282	122	974
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	19,227	19,626
Spain -----	30,581	38,094	4,485	4,808
Trinidad and Tobago -----	18,047	15,404	6,401	4,305
Venezuela -----	13,530	19,962	0	0
Yugoslavia -----	287	0	0	0
Total-----	573,169	607,782	109,729	88,526
Other countries:				
Canada -----	379,637	429,634	68,207	76,367
Turkey -----	94,882	102,560	9,660	35,268
Indonesia -----	44,957	54,015	0	1,222
Argentina -----	18,954	50,982	5,958	9,695
Norway -----	28,347	36,346	12,000	6,312
Taiwan -----	44,665	32,265	6,650	3,704
Singapore -----	39,869	19,311	0	4,676
India -----	10,014	11,249	2,053	923
Sweden -----	7,255	9,099	1,057	609
Israel -----	619	5,943	68	42
All others-----	38,800	1,924	216	955
Total-----	707,999	753,328	105,869	139,773
Grand total-----	1,281,168	1,361,110	215,598	228,299

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--February	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia -----	92	332	4	11
Austria -----	590	667	51	285
Brazil -----	15,461	29,058	8,019	4,295
Czechoslovakia -----	0	0	0	0
East Germany -----	1	0	0	0
EC countries -----	154,145	116,081	11,944	14,914
Finland -----	1,685	2,705	343	710
Hungary -----	14	63	0	0
Japan -----	62,568	49,339	10,550	8,478
Mexico -----	8,595	8,588	975	231
Peoples Rep of China -----	1,683	1,314	316	139
Poland -----	548	845	84	527
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	4,711	5,646
Spain -----	11,163	17,305	2,298	2,284
Trinidad and Tobago -----	5,496	3,968	1,487	1,688
Venezuela -----	3,187	5,392	0	0
Yugoslavia -----	73	0	0	0
Total-----	281,066	256,201	40,782	39,208
Other countries:				
Canada -----	146,520	186,448	28,819	32,902
Turkey -----	24,960	28,951	2,432	10,201
Indonesia -----	9,076	14,691	0	339
Argentina -----	4,865	16,442	1,551	3,841
Norway -----	5,906	8,963	2,566	1,678
Taiwan -----	11,531	10,022	1,754	1,308
Singapore -----	10,128	5,104	0	2,147
India -----	3,490	3,952	751	390
Sweden -----	4,732	5,737	653	562
Israel -----	191	1,616	20	18
All others-----	9,814	1,111	130	489
Total-----	231,213	283,037	38,676	53,875
Grand total-----	512,279	539,238	79,458	93,083

^{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 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--February	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia -----	9,664	9,551	2,530	4,037
Austria -----	401	601	256	110
Brazil -----	50,183	58,383	13,932	16,683
Czechoslovakia -----	10,307	13,661	2,119	0
East Germany -----	12,806	16,306	3,059	4,352
EC countries -----	235,247	248,578	42,164	25,587
Finland -----	2,237	2,237	0	108
Hungary -----	2,862	0	0	0
Japan -----	245,672	276,003	54,437	49,987
Mexico -----	62,826	58,389	6,505	5,675
Peoples Rep of China -----	0	27	25	25
Poland -----	0	7,606	4,336	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	339	149
Spain -----	40,302	37,258	10,341	11,765
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	140,043	118,478
Other countries:				
Canada -----	390,071	360,096	66,012	73,177
Turkey -----	61,072	126,791	16,550	0
Indonesia -----	97,932	84,414	0	4,403
Singapore -----	60,425	81,904	2,087	5,089
Sweden -----	10,079	18,464	1,725	633
Saudi Arabia -----	42,619	17,972	8,823	0
Taiwan -----	15,798	16,843	3,741	6,984
Egypt -----	0	11,114	0	23
Malaysia -----	47,789	2,355	0	0
Israel -----	131	372	0	0
All others-----	2,300	144	2/	3,267
Total-----	728,216	720,469	98,938	93,576
Grand total-----	1,448,720	1,474,623	238,981	212,054

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--February	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia -----	1,983	2,103	510	872
Austria -----	179	248	106	39
Brazil -----	12,145	16,380	3,391	4,482
Czechoslovakia -----	2,164	3,234	429	0
East Germany -----	2,585	3,547	592	1,060
EC countries -----	84,580	97,970	14,794	9,615
Finland -----	692	741	0	35
Hungary -----	557	0	0	0
Japan -----	103,044	124,039	22,282	22,925
Mexico -----	14,093	15,344	1,599	1,400
Peoples Rep of China -----	0	9	7	7
Poland -----	0	1,612	885	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	143	94
Spain -----	11,411	10,435	2,688	3,277
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	47,426	43,806
Other countries:				
Canada -----	127,412	130,836	22,424	26,664
Turkey -----	13,673	32,337	3,701	0
Indonesia -----	21,082	20,363	0	1,198
Singapore -----	14,388	21,983	490	1,474
Sweden -----	6,215	9,831	1,111	443
Saudi Arabia -----	8,616	3,719	1,791	0
Taiwan -----	6,199	6,764	1,430	3,083
Egypt -----	0	2,650	0	7
Malaysia -----	11,059	622	0	0
Israel -----	30	106	0	0
All others -----	478	131	1	1,332
Total-----	209,152	229,342	30,948	34,201
Grand total-----	453,316	511,809	78,374	78,007

^{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--February	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia -----	4,963	4,488	482	576
Austria -----	2,484	1,731	303	331
Brazil -----	10,577	14,128	5,140	2,057
Czechoslovakia -----	0	0	0	0
East Germany -----	89	0	0	0
EC countries -----	174,468	168,458	27,263	13,776
Finland -----	400	476	85	52
Hungary -----	57	0	0	0
Japan -----	96,684	78,468	14,367	10,748
Mexico -----	3,991	2,712	168	421
Peoples Rep of China -----	7,302	9,720	332	1,270
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	1,363	1,450
Spain -----	40	22	2	0
Trinidad and Tobago -----	1,435	1,060	359	0
Venezuela -----	7,717	5,996	1,357	234
Yugoslavia -----	42	3	0	0
Total-----	318,664	295,114	51,221	30,934
Other countries:				
Canada -----	194,819	193,243	33,330	35,209
Sweden -----	7,745	7,532	1,161	1,409
Taiwan -----	3,217	4,897	602	491
India -----	2,572	4,108	1,288	805
Saudi Arabia -----	0	4,000	0	0
Switzerland -----	1,372	2,591	406	459
Argentina -----	1,170	2,491	515	980
Chile -----	1,379	2,146	363	251
Ecuador -----	18	1,430	18	356
Norway -----	2,476	1,312	199	108
All others-----	3,464	865	135	9,861
Total-----	218,232	224,615	38,017	49,929
Grand total-----	536,896	519,729	89,238	80,863

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--February	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia -----	2,329	2,018	230	243
Austria -----	3,613	2,584	440	427
Brazil -----	4,944	6,207	2,159	1,024
Czechoslovakia -----	0	0	0	0
East Germany -----	24	0	0	0
EC countries -----	129,054	141,173	21,557	12,214
Finland -----	170	231	36	14
Hungary -----	17	0	0	0
Japan -----	64,973	61,637	10,260	8,973
Mexico -----	1,681	1,320	78	234
Peoples Rep of China -----	2,868	4,165	120	533
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	745	944
Spain -----	33	37	26	0
Trinidad and Tobago -----	448	354	126	0
Venezuela -----	3,802	3,096	650	167
Yugoslavia -----	24	9	0	0
Total-----	218,950	227,557	36,427	24,782
Other countries:				
Canada -----	101,960	109,405	17,901	20,678
Sweden -----	10,304	10,678	1,508	2,023
Taiwan -----	1,964	2,903	312	452
India -----	883	1,518	495	283
Saudi Arabia -----	0	810	0	0
Switzerland -----	898	1,525	272	297
Argentina -----	499	1,245	374	428
Chile -----	532	946	156	120
Ecuador -----	9	652	9	167
Norway -----	1,427	1,177	160	100
All others -----	1,385	483	79	9,439
Total-----	119,861	131,342	21,266	33,987
Grand total-----	338,811	358,899	57,693	58,769

^{1/} 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 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

Item	1987	1988	January--February	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia -----	291	5	<u>2</u> /	0
Austria -----	1,113	956	93	683
Brazil -----	10,382	15,018	3,069	2,029
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	34,544	23,220	5,245	7,934
Finland -----	0	1	<u>2</u> /	<u>2</u> /
Hungary -----	0	0	0	0
Japan -----	50,318	23,536	5,528	8,703
Mexico -----	14,577	13,693	1,940	1,844
Peoples Rep of China -----	36,253	36,866	6,532	5,867
Poland -----	19,213	16,070	2,376	2,671
Portugal -----	683	380	57	141
Romania -----	6,859	143	0	0
Republic of South Africa -----	4,340	1,550	1,550	103
Korea, Republic of -----	186,794	192,127	37,931	28,470
Spain -----	18,997	14,765	2,242	6,816
Trinidad and Tobago -----	0	94	37	0
Venezuela -----	2,683	1,352	259	1,698
Yugoslavia -----	7,882	7,314	1,043	856
Total -----	394,929	347,090	67,902	67,815
Other countries:				
Canada -----	106,028	98,251	15,174	18,337
Turkey -----	37,393	23,631	3,010	2,588
United Arab Emirates -----	7,787	20,059	3,394	2,858
Indonesia -----	11,116	18,621	1,940	3,914
Argentina -----	12,069	18,002	2,878	3,127
Taiwan -----	37,689	13,715	2,882	2,411
Thailand -----	20,516	8,627	1,205	5,625
Chile -----	10,919	8,459	1,377	997
India -----	505	4,571	233	964
Saudi Arabia -----	305	3,718	583	793
All others -----	10,123	7,707	967	5,302
Total -----	254,450	225,361	33,643	46,916
Grand total -----	649,379	572,451	101,545	114,731

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--February	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia -----	249	20	4	0
Austria -----	1,973	1,556	213	1,248
Brazil -----	4,592	7,169	1,460	1,241
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	27,128	24,443	4,254	15,297
Finland -----	0	96	4	2
Hungary -----	0	0	0	0
Japan -----	46,874	28,992	5,752	16,551
Mexico -----	7,758	8,903	1,165	1,837
Peoples Rep of China -----	17,786	14,640	2,608	3,273
Poland -----	7,056	5,403	844	904
Portugal -----	820	530	78	210
Romania -----	2,424	44	0	0
Republic of South Africa -----	2,199	792	792	84
Korea, Republic of -----	128,818	138,561	24,700	23,558
Spain -----	11,866	8,752	1,289	7,132
Trinidad and Tobago -----	0	27	11	0
Venezuela -----	498	387	66	527
Yugoslavia -----	2,845	3,027	411	284
Total -----	262,886	243,342	43,651	72,148
Other countries:				
Canada -----	73,873	70,198	10,649	14,946
Turkey -----	12,966	8,700	979	1,106
United Arab Emirates -----	2,582	7,562	1,259	1,144
Indonesia -----	4,341	6,881	706	1,471
Argentina -----	5,105	7,943	1,221	1,577
Taiwan -----	24,306	12,448	2,297	2,812
Thailand -----	10,027	5,332	833	2,030
Chile -----	4,662	3,991	659	625
India -----	263	2,659	148	902
Saudi Arabia -----	103	1,239	190	300
All others -----	6,976	6,778	924	13,216
Total -----	145,204	133,731	19,865	40,129
Grand total -----	408,090	377,073	63,516	112,277

^{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 1/ 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--February	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia -----	55	139	34	101
Austria -----	377	1,541	36	217
Brazil -----	11,926	20,210	9,375	4,506
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries-----	645,485	732,369	95,795	105,707
Finland -----	341	118	90	2/
Hungary -----	0	0	0	0
Japan -----	629,977	590,217	73,981	126,923
Mexico -----	17,953	24,912	3,845	2,326
Peoples Rep of China -----	8	208	0	108
Poland -----	18,559	14,059	1,054	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	42,768	19,384
Spain -----	177,434	171,068	31,557	41,495
Trinidad and Tobago -----	0	0	0	11
Venezuela -----	0	2/	0	2
Yugoslavia -----	0	263	0	0
Total-----	1,638,240	1,724,568	258,578	300,780
Other countries:				
Canada -----	398,180	338,187	59,602	47,383
Norway -----	61,316	64,361	10,903	9,383
Argentina -----	17,757	27,523	6,925	6,498
Taiwan -----	17,179	9,020	1,935	1,731
New Zealand -----	9,076	8,242	636	828
Indonesia -----	0	4,074	0	0
Sweden -----	2,170	3,925	37	209
Thailand -----	0	3,278	44	0
Singapore -----	6,702	3,129	1,679	127
Switzerland -----	131	626	473	2/
All others-----	2,917	1,534	222	14,266
Total-----	515,428	463,899	82,456	80,425
Grand total-----	2,153,668	2,188,467	341,034	381,205

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--February	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia -----	54	135	17	277
Austria -----	1,455	1,865	151	575
Brazil -----	4,099	8,055	2,983	1,797
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries-----	222,416	294,725	36,883	43,392
Finland -----	336	248	133	1
Hungary -----	0	0	0	0
Japan -----	189,574	228,010	25,829	50,107
Mexico -----	7,074	11,585	1,514	1,149
Peoples Rep. of China -----	71	154	0	76
Poland -----	3,990	3,587	255	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	19,563	7,719
Spain -----	48,816	62,180	9,253	15,154
Trinidad and Tobago -----	0	0	0	32
Venezuela -----	0	1	0	2
Yugoslavia -----	0	393	0	0
Total-----	538,066	695,661	96,606	120,289
Other countries:				
Canada -----	220,522	201,529	31,744	30,393
Norway -----	15,052	21,943	3,026	3,062
Argentina -----	4,186	7,274	1,650	1,912
Taiwan -----	9,331	5,476	1,257	1,534
New Zealand -----	9,040	8,814	698	951
Indonesia -----	0	1,173	0	0
Sweden -----	7,243	5,413	90	483
Thailand -----	0	1,711	17	0
Singapore -----	4,293	2,903	1,200	108
Switzerland -----	818	1,557	817	4
All others-----	6,366	1,349	302	5,334
Total-----	276,851	259,142	40,801	43,781
Grand total-----	814,917	954,803	137,407	164,070

^{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 18.--Carbon and certain alloy 1/₂ 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--February	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia -----	30	2	0	520
Austria -----	5	703	<u>2</u> / ₁	625
Brazil -----	2,440	4,553	266	712
Czechoslovakia -----	0	0	0	0
East Germany -----	0	1	0	0
EC countries-----	42,340	51,287	11,216	12,849
Finland -----	<u>2</u> / ₁	3	3	0
Hungary -----	0	4	0	0
Japan -----	84,891	79,347	9,395	20,199
Mexico -----	46	26	0	96
Peoples Rep of China -----	45	25	0	18
Poland -----	0	0	0	36
Portugal -----	0	1,071	0	394
Romania -----	0	0	0	0
Republic of South Africa -----	879	<u>2</u> / ₁	0	0
Korea, Republic of -----	5,803	6,919	950	1,203
Spain -----	0	0	0	25
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	344	77	0	0
Yugoslavia -----	0	0	0	0
Total-----	136,823	144,018	21,830	36,677
Other countries:				
Canada -----	101,439	172,077	21,404	27,363
Sweden -----	7,424	3,064	1,043	10
Gabon -----	0	128	0	0
Taiwan -----	168	128	8	116
Argentina -----	6	6	0	0
India -----	0	6	0	0
Philippines -----	0	6	0	0
Honduras -----	0	<u>2</u> / ₁	0	0
Norway -----	0	<u>2</u> / ₁	0	0
Colombia -----	0	0	0	14
All others-----	127	0	0	304
Total-----	109,164	175,415	22,455	27,807
Grand total-----	245,987	319,433	44,285	64,484

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--February	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia -----	15	7	0	629
Austria -----	37	299	1	641
Brazil -----	2,016	3,751	272	588
Czechoslovakia -----	0	0	0	0
East Germany -----	0	5	0	0
EC countries -----	17,563	24,466	5,004	5,975
Finland -----	5	14	9	0
Hungary -----	0	25	0	0
Japan -----	34,066	38,835	3,918	11,008
Mexico -----	14	37	0	115
Peoples Rep of China -----	32	9	0	12
Poland -----	0	0	0	17
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	355	725
Spain -----	0	0	0	100
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	70	24	0	0
Yugoslavia -----	0	0	0	0
Total-----	56,244	70,801	9,559	20,139
Other countries:				
Canada -----	20,479	50,140	7,541	11,780
Sweden -----	2,553	1,001	191	44
Gabon -----	0	67	0	0
Taiwan -----	302	294	17	189
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	193
Total-----	23,642	51,568	7,749	12,206
Grand total-----	79,886	122,369	17,308	32,345

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 19.--Carbon and certain alloy 1/₂ 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--February	
			1988	1989
	Quantity (short tons)			
VRA countries:				
Australia -----	11,869	12,375	2,281	2,991
Austria -----	19,766	26,408	4,869	483
Brazil -----	75,669	87,724	17,499	9,450
Czechoslovakia -----	6,660	7,164	2,270	124
East Germany -----	5,909	7,828	1,537	1,628
EC countries -----	383,341	458,471	97,206	82,583
Finland -----	5,968	12,755	1,263	5,165
Hungary -----	0	585	585	0
Japan -----	542,452	790,770	165,526	82,545
Mexico -----	137,761	131,349	25,922	16,084
Peoples Rep of China -----	2,056	18,422	1,706	2
Poland -----	7,267	8,048	4,525	724
Portugal -----	410	0	0	0
Romania -----	22,488	27,284	7,346	0
Republic of South Africa -----	40	0	0	0
Korea, Republic of -----	331,525	496,059	141,311	74,599
Spain -----	32,753	29,637	7,824	19,129
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	38,840	19,510	5,199	4,188
Yugoslavia -----	7,183	3,732	0	0
Total-----	1,631,957	2,138,121	486,869	299,695
Other countries:				
Canada -----	514,456	436,372	70,827	81,742
Thailand -----	93,717	148,259	25,743	18,586
Argentina -----	100,108	148,192	21,001	4,749
Taiwan -----	79,176	88,055	20,522	16,156
Singapore -----	37,408	47,545	8,058	4,141
India -----	10,848	44,486	7,386	3,917
Turkey -----	140,786	32,001	8,137	2,987
Sweden -----	30,146	26,842	6,074	2,346
Malaysia -----	13,285	22,879	4,978	624
Chile -----	2,077	22,048	1,291	1,946
All others-----	94,680	95,139	23,144	11,490
Total-----	1,116,687	1,111,818	197,161	148,684
Grand total-----	2,748,644	3,249,939	684,030	448,379

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--February	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia -----	4,265	4,959	878	1,365
Austria -----	11,963	23,494	4,001	430
Brazil -----	32,186	41,170	7,154	6,456
Czechoslovakia -----	2,057	3,472	899	74
East Germany -----	1,862	4,115	520	681
EC countries -----	197,587	322,171	60,822	53,458
Finland -----	1,915	5,624	465	2,451
Hungary -----	0	266	266	0
Japan -----	295,849	597,887	117,008	65,692
Mexico -----	57,935	71,872	13,906	8,835
Peoples Rep of China -----	895	7,066	473	2
Poland -----	2,219	3,115	1,657	328
Portugal -----	157	0	0	0
Romania -----	7,377	11,018	2,557	0
Republic of South Africa -----	15	0	0	0
Korea, Republic of -----	137,101	239,742	63,016	37,127
Spain -----	16,510	23,994	4,978	10,131
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	13,066	7,535	1,842	1,691
Yugoslavia -----	2,462	2,036	0	0
Total-----	785,421	1,369,536	280,442	188,721
Other countries:				
Canada -----	254,194	266,692	38,863	48,827
Thailand -----	32,613	58,119	9,741	7,824
Argentina -----	38,060	76,641	8,896	2,115
Taiwan -----	28,607	39,591	8,390	6,730
Singapore -----	13,763	19,833	3,004	2,107
India -----	4,059	20,173	2,794	1,753
Turkey -----	43,271	14,568	2,934	1,293
Sweden -----	21,798	23,510	5,021	2,318
Malaysia -----	4,615	9,314	1,844	256
Chile -----	829	9,500	597	943
All others-----	35,348	41,391	8,362	5,954
Total-----	477,157	579,332	90,446	80,120
Grand total-----	1,262,578	1,948,868	370,888	268,841

^{1/} 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 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--February	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia -----	155,092	282,061	74,078	50,820
Austria -----	116,298	134,200	19,115	5,280
Brazil -----	1,135,516	1,468,033	315,064	299,724
Czechoslovakia -----	29,792	37,280	4,388	124
East Germany -----	95,910	92,234	19,765	14,608
EC countries -----	5,228,372	5,666,561	832,768	660,315
Finland -----	166,202	204,209	38,047	38,859
Hungary -----	27,064	30,094	7,955	3,430
Japan -----	4,311,383	4,277,647	749,707	724,896
Mexico -----	471,462	478,207	77,904	36,110
Peoples Rep of China -----	51,081	68,735	9,565	7,695
Poland -----	91,561	89,325	20,100	8,890
Portugal -----	31,087	22,739	7,006	2,417
Romania -----	82,408	102,530	21,732	1,490
Republic of South Africa -----	30,015	1,693	1,593	103
Korea, Republic of -----	1,419,183	1,560,497	347,805	221,033
Spain -----	500,796	458,584	105,760	137,877
Trinidad and Tobago -----	62,575	31,380	6,796	4,316
Venezuela -----	170,571	169,376	42,726	10,848
Yugoslavia -----	15,394	12,734	1,043	861
Total-----	14,191,762	15,188,119	2,702,917	2,229,696
Other countries:				
Canada -----	3,763,701	3,373,766	579,610	564,508
Argentina -----	346,313	557,969	139,941	26,601
Sweden -----	566,885	522,294	128,668	40,989
Turkey -----	407,413	307,985	53,392	40,931
Indonesia -----	235,573	281,142	27,882	13,876
Taiwan -----	257,931	243,886	50,189	37,056
Norway -----	154,194	181,502	24,790	24,092
Thailand -----	120,179	160,176	27,000	24,211
Singapore -----	144,538	153,163	11,825	14,080
India -----	60,231	99,714	14,023	6,711
All others-----	350,185	441,075	80,315	149,674
Total-----	6,407,143	6,322,672	1,137,635	942,729
Grand total-----	20,598,905	21,510,791	3,840,552	3,172,425

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--February	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia -----	70,279	118,320	28,291	24,006
Austria -----	49,477	70,268	9,908	4,877
Brazil -----	318,756	451,458	84,137	97,682
Czechoslovakia -----	7,156	11,986	1,328	74
East Germany -----	25,328	31,334	5,700	4,832
EC countries-----	2,044,943	2,497,803	351,384	308,059
Finland -----	51,574	81,482	14,123	15,824
Hungary -----	6,191	8,600	2,016	1,101
Japan -----	2,045,689	2,386,680	407,493	408,088
Mexico -----	172,255	220,745	33,781	18,929
Peoples Rep of China -----	23,479	27,385	3,524	4,050
Poland -----	26,671	29,711	6,223	3,368
Portugal -----	15,163	10,575	3,495	1,557
Romania -----	25,093	36,033	6,654	597
Republic of South Africa -----	7,322	1,487	817	84
Korea, Republic of -----	608,066	743,129	157,123	105,163
Spain -----	167,216	193,629	36,209	61,446
Trinidad and Tobago -----	15,482	8,400	1,623	1,719
Venezuela -----	48,835	53,667	12,205	4,499
Yugoslavia -----	5,404	5,925	411	286
Total-----	5,734,379	6,988,617	1,166,445	1,066,241
Other countries:				
Canada -----	1,591,881	1,593,962	258,390	283,110
Argentina -----	122,372	221,780	48,097	10,508
Sweden -----	207,367	221,486	47,656	24,286
Turkey -----	123,568	93,038	15,725	12,639
Indonesia -----	56,949	81,687	8,558	5,326
Taiwan -----	104,597	109,041	20,847	18,471
Norway -----	39,717	55,371	6,685	7,736
Thailand -----	43,817	65,167	10,595	9,854
Singapore -----	42,953	50,360	4,693	5,893
India -----	22,038	42,731	5,060	3,395
All others-----	123,858	163,352	26,483	80,021
Total-----	2,479,117	2,697,975	452,789	461,239
Grand total-----	8,213,496	9,686,592	1,619,234	1,527,480

^{1/} 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 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--February	
			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	1,084	822
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	241
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	361	3,595
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
Total-----	23,674	14,389	2,025	4,922
Other countries:				
Canada -----	25,200	33,527	3,949	7,377
Sweden -----	7,849	14,491	754	1,810
Total-----	33,049	48,018	4,703	9,187
Grand total-----	56,723	62,407	6,728	14,109

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--February	
			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	1,383	427
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	427
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	1,906	2,422
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
Total -----	13,469	16,904	4,109	3,783
Other countries:				
Canada -----	25,133	52,871	4,338	13,340
Sweden -----	7,692	23,240	1,070	3,922
Total -----	32,825	76,111	5,408	17,262
Grand total -----	46,294	93,015	9,517	21,045

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--February	
			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	1,688	2,129
Finland -----	2,369	2,730	405	142
Hungary -----	0	0	0	0
Japan -----	1,558	2,225	272	277
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	2,365	2,563
Other countries:				
Sweden -----	1,744	2,779	195	287
Canada -----	34	371	19	136
anguilla-----	0	5	0	0
Belgium -----	0	0	0	459
Total-----	1,778	3,155	214	882
Grand total-----	11,117	15,848	2,579	3,445

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--February	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia -----	0	0	0	0
Austria -----	366	953	6	35
Brazil -----	56	0	0	0
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	9,256	15,635	2,891	6,437
Finland -----	3,590	6,147	807	424
Hungary -----	0	0	0	0
Japan -----	2,339	4,514	435	762
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	4,139	7,661
Other countries:				
Sweden -----	3,986	6,775	456	907
Canada -----	33	889	36	346
anguilla -----	0	9	0	0
Belgium -----	0	0	0	1,053
Total -----	4,019	7,673	492	2,306
Grand total -----	19,628	34,972	4,631	9,967

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--February	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia -----	0	0	0	0
Austria -----	52	29	2	3
Brazil -----	550	313	0	0
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	41,504	46,605	7,147	9,346
Finland -----	6,296	6,045	701	264
Hungary -----	0	0	0	0
Japan -----	25,733	22,393	4,107	7,871
Mexico -----	18,819	8,814	1,853	1,490
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	1,669	854
Spain -----	13,700	14,153	2,145	2,293
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	5	0	0
Yugoslavia -----	0	0	0	0
Total-----	116,125	106,202	17,624	22,121
Other countries:				
Sweden -----	7,493	8,433	1,352	1,171
Canada -----	4,892	3,838	743	714
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	393
Jordan -----	19	0	0	0
Hong Kong -----	41	0	0	0
All others -----	345	0	0	0
Total-----	13,169	12,382	2,095	2,278
Grand total-----	129,294	118,584	19,719	24,399

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--February	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia -----	0	0	0	0
Austria -----	202	136	5	13
Brazil -----	675	480	0	0
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	65,434	91,017	11,808	20,226
Finland -----	9,834	13,459	1,262	737
Hungary -----	0	0	0	0
Japan -----	43,684	50,112	7,639	15,915
Mexico -----	30,157	16,454	2,816	2,742
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	2,515	2,078
Spain -----	20,342	31,308	3,418	4,988
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	21	0	0
Yugoslavia -----	0	0	0	0
Total -----	184,816	220,330	29,463	46,699
Other countries:				
Sweden -----	17,785	24,684	3,071	3,795
Canada -----	8,019	9,552	1,455	2,212
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	956
All others-----	560	0	0	0
Total -----	26,883	34,469	4,526	6,963
Grand total -----	211,699	254,799	33,989	53,662

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--February	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia -----	0	0	0	0
Austria -----	94	183	37	33
Brazil -----	1,450	3,827	697	1,040
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	5,899	8,421	1,867	1,199
Finland -----	0	0	0	0
Hungary -----	0	0	0	0
Japan -----	19,259	16,715	2,738	2,117
Mexico -----	0	49	5	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	164	779
Spain -----	3,826	4,285	512	360
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
Total -----	33,114	35,104	6,022	5,528
Other countries:				
Sweden -----	3,200	3,708	863	348
Canada -----	1,269	1,641	305	110
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	1,231	551
Grand total -----	37,991	40,726	7,253	6,079

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--February	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia -----	0	0	0	0
Austria -----	257	412	97	80
Brazil -----	2,503	5,743	1,132	2,521
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	11,437	19,765	3,894	3,205
Finland -----	0	0	0	0
Hungary -----	0	0	0	0
Japan -----	36,707	40,671	5,374	6,506
Mexico -----	0	163	7	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	245	2,212
Spain -----	6,889	10,122	1,007	1,049
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
Total -----	62,162	80,335	11,796	15,573
Other countries:				
Sweden -----	6,180	8,981	1,736	1,149
Canada -----	2,136	3,608	584	409
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	2,427	1,789
Grand total -----	71,185	93,510	14,223	17,362

1/ Less than 0.5 short ton.

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

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--February	
			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	873	1,180
Finland -----	0	0	0	0
Hungary -----	0	0	0	0
Japan -----	5,544	5,483	694	679
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	40
Spain -----	1,542	1,979	291	436
Trinidad and Tobago -----	0	138	0	0
Venezuela -----	0	0	0	0
Yugoslavia -----	0	17	17	0
Total-----	14,310	15,903	2,151	2,335
Other countries:				
Sweden -----	3,955	3,159	736	501
Taiwan -----	47	148	0	0
Canada -----	0	1/	0	0
Total-----	4,002	3,307	736	501
Grand total-----	18,312	19,210	2,887	2,836

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--February	
			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	1,657	3,357
Finland -----	0	0	0	0
Hungary -----	0	0	0	0
Japan -----	8,927	11,611	1,118	1,853
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	101
Spain -----	2,539	5,122	528	1,293
Trinidad and Tobago -----	0	202	0	0
Venezuela -----	0	0	0	0
Yugoslavia -----	0	22	22	0
Total -----	24,929	37,037	3,703	6,604
Other countries:				
Sweden -----	6,995	7,916	1,381	1,633
Taiwan -----	72	328	0	0
Canada -----	0	2	0	0
Total -----	7,067	8,246	1,381	1,633
Grand total -----	31,996	45,283	5,084	8,237

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--February	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia -----	1/	1/	1/	1/
Austria -----	37	25	0	5
Brazil -----	188	156	1/	184
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries-----	6,763	7,713	1,080	1,076
Finland -----	0	0	0	7
Hungary -----	0	0	0	0
Japan -----	4,254	4,719	699	1,143
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	228	164
Spain -----	621	388	51	267
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	3	0	0
Yugoslavia -----	0	0	0	0
Total-----	12,818	13,991	2,058	2,846
Other countries:				
Sweden -----	2,555	2,685	404	512
Canada -----	2,043	2,277	339	372
Taiwan -----	1,462	1,221	73	206
Switzerland -----	47	268	76	19
India -----	77	209	15	129
Singapore -----	0	1/	0	0
Belgium -----	0	0	0	216
Israel -----	65	0	0	0
Hong Kong -----	0	0	0	1/
New Zealand -----	15	0	0	0
Total-----	6,264	6,660	907	1,454
Grand total-----	19,082	20,651	2,965	4,300

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--February	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia -----	64	39	16	13
Austria -----	172	117	0	25
Brazil -----	282	304	3	458
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	17,601	23,826	2,987	3,596
Finland -----	0	0	0	58
Hungary -----	0	0	0	0
Japan -----	13,957	18,705	2,634	4,265
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	574	642
Spain -----	1,280	1,096	107	840
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	11	0	0
Yugoslavia -----	0	0	0	0
Total-----	35,612	47,148	6,321	9,897
Other countries:				
Sweden -----	10,548	12,922	1,755	2,925
Canada -----	6,960	9,650	1,351	2,040
Taiwan -----	3,797	3,824	202	651
Switzerland -----	170	1,254	289	74
India -----	159	414	23	280
Singapore -----	0	5	0	0
Belgium -----	0	0	0	960
Israel -----	85	0	0	0
All others -----	49	0	0	4
Total-----	21,768	28,069	3,620	6,934
Grand total-----	57,380	75,217	9,941	16,831

1/ Less than 0.5 short ton.

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

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--February	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia -----	0	23	1/	0
Austria -----	395	756	109	168
Brazil -----	0	0	0	0
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	4,430	6,694	1,308	1,994
Finland -----	0	1/	0	0
Hungary -----	0	0	0	0
Japan -----	7,208	8,365	2,334	1,782
Mexico -----	781	950	59	68
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	109	104
Spain -----	88	388	76	189
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
Total-----	13,419	17,568	3,995	4,309
Other countries:				
Canada -----	5,432	6,925	1,229	1,373
Taiwan -----	3,571	6,809	1,529	449
Sweden -----	4,016	5,253	668	506
Thailand -----	0	188	14	105
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	3,440	2,438
Grand total-----	26,446	36,752	7,435	6,747

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--February	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia -----	0	135	5	0
Austria -----	1,637	4,157	483	1,246
Brazil -----	0	0	0	0
Czechoslovakia -----	0	0	0	0
East Germany -----	0	0	0	0
EC countries -----	14,405	25,735	4,181	10,104
Finland -----	0	1	0	0
Hungary -----	0	0	0	0
Japan -----	22,587	31,923	8,385	9,194
Mexico -----	1,654	2,891	133	144
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	314	199
Spain -----	282	1,726	282	1,257
Trinidad and Tobago -----	0	0	0	0
Venezuela -----	0	0	0	0
Yugoslavia -----	0	0	0	0
Total-----	41,977	67,823	13,783	22,156
Other countries:				
Canada -----	17,196	24,048	3,530	6,195
Taiwan -----	9,190	21,308	3,773	1,842
Sweden -----	12,414	22,285	2,414	2,327
Thailand -----	0	458	30	224
India -----	0	17	0	0
Israel -----	49	77	9	0
Switzerland -----	168	177	75	42
New Zealand -----	0	2	0	0
All others-----	25	0	0	0
Total-----	39,042	68,372	9,831	10,630
Grand total-----	81,019	136,195	23,614	32,786

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--February	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia -----	19	0	0	0
Austria -----	2,693	2,538	608	699
Brazil -----	997	1,920	523	586
Czechoslovakia -----	0	21	0	0
East Germany -----	0	4	0	0
EC countries -----	10,302	12,795	2,601	5,734
Finland -----	22	5	0	0
Hungary -----	0	0	0	0
Japan -----	6,077	4,416	677	3,440
Mexico -----	139	346	111	45
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	423
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	4,655	10,987
Other countries:				
Sweden -----	11,669	12,254	2,915	4,184
Canada -----	6,868	8,573	1,223	1,422
Argentina -----	70	42	22	32
India -----	0	19	0	1/
Switzerland -----	1/	1/	0	0
Belgium -----	0	0	0	7
Malaysia -----	2	0	0	0
Taiwan -----	1/	0	0	0
Total -----	18,609	20,888	4,160	5,645
Grand total -----	40,597	44,094	8,815	16,632

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--February	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia -----	31	0	0	0
Austria -----	5,895	6,561	1,368	1,586
Brazil -----	1,349	3,560	807	954
Czechoslovakia -----	0	33	0	0
East Germany -----	0	6	0	0
EC countries-----	18,504	23,173	4,581	6,895
Finland -----	37	15	0	0
Hungary -----	0	0	0	0
Japan -----	12,370	14,883	2,252	3,585
Mexico -----	142	434	119	87
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	460
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	9,337	13,682
Other countries:				
Sweden -----	28,049	30,589	7,167	6,637
Canada -----	9,342	12,019	1,716	1,838
Argentina -----	122	65	35	50
India -----	0	16	0	4
Switzerland -----	2	2	0	0
Belgium -----	0	0	0	3
Malaysia -----	1	0	0	0
Taiwan -----	1	0	0	0
Total-----	37,517	42,691	8,918	8,532
Grand total-----	78,454	93,316	18,255	22,214

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--February	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia -----	20	24	1/	1/
Austria -----	3,368	3,901	756	919
Brazil -----	17,456	8,863	1,402	1,810
Czechoslovakia -----	0	21	0	0
East Germany -----	0	4	0	0
EC countries-----	85,998	100,430	17,649	23,479
Finland -----	8,687	8,780	1,106	414
Hungary -----	0	0	0	0
Japan -----	73,238	66,251	12,102	17,574
Mexico -----	19,741	10,160	2,028	1,607
Peoples Rep of China -----	26	106	2	4
Poland -----	375	323	20	300
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	2,379	2,364
Spain -----	20,193	27,906	3,437	7,140
Trinidad and Tobago -----	0	138	0	0
Venezuela -----	0	7	0	0
Yugoslavia -----	0	17	17	0
Total-----	244,791	239,054	40,898	55,611
Other countries:				
Canada -----	45,739	57,153	7,807	11,504
Sweden -----	42,482	52,761	7,887	9,319
Taiwan -----	5,484	8,227	1,607	655
India -----	544	546	72	171
Switzerland -----	116	270	77	24
Thailand -----	0	188	14	105
Argentina -----	181	42	22	81
Honduras -----	0	19	0	0
anguilla-----	0	5	0	0
Israel -----	65	4	1/	0
All others-----	167	4	0	1,077
Total-----	94,778	119,219	17,486	22,936
Grand total-----	339,569	358,273	58,384	78,547

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--February	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia -----	95	174	21	13
Austria -----	8,529	12,639	1,959	2,984
Brazil -----	9,993	12,173	2,188	3,933
Czechoslovakia -----	0	33	0	0
East Germany -----	0	6	0	0
EC countries -----	152,144	223,422	33,384	54,247
Finland -----	13,461	19,623	2,069	1,218
Hungary -----	0	0	0	0
Japan -----	144,150	175,325	28,657	42,586
Mexico -----	31,955	19,948	3,075	2,976
Peoples Rep of China -----	108	189	40	12
Poland -----	470	570	30	541
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	3,959	5,691
Spain -----	32,952	56,181	7,249	11,849
Trinidad and Tobago -----	0	202	0	0
Venezuela -----	0	32	0	0
Yugoslavia -----	0	22	22	0
Total -----	419,509	547,505	82,653	126,050
Other countries:				
Canada -----	68,819	112,639	13,010	26,380
Sweden -----	93,649	137,391	19,051	23,294
Taiwan -----	13,631	25,622	3,992	2,494
India -----	851	1,039	113	374
Switzerland -----	469	1,434	364	117
Thailand -----	0	458	30	224
Argentina -----	323	65	35	137
Honduras -----	0	35	0	0
anguilla -----	0	9	0	0
Israel -----	134	77	9	0
All others -----	269	35	0	3,029
Total -----	178,145	278,804	36,604	56,049
Grand total -----	597,654	826,309	119,257	182,099

1/ Less than 0.5 short tons

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

(Per short ton)

Item	1987	1988	January-February	
			1988	1989
Carbon and certain alloy 1/ steel:				
Semifinished 2/-----	211	240	216	260
Plate-----	332	405	369	401
Sheet and strip:				
Hot rolled-----	308	364	326	391
Cold rolled-----	449	509	481	548
Galvanized-----	503	552	524	556
Tin plate-----	533	567	529	595
Tin free-----	509	542	511	579
Other coated-----	528	590	564	598
Average, sheet and strip--	433	481	459	509
Bar:				
Hot finished-----	369	406	385	426
Cold finished-----	831	598	530	630
Reinforcing-----	248	262	223	291
Light shapes-----	315	382	371	352
Average, bar-----	400	396	369	408
Wire rod-----	313	347	328	368
Wire-----	631	691	647	727
Wire products-----	628	659	625	979
Structural shapes and units:				
Heavy structurals-----	304	376	341	376
Fabricated structurals-----	898	939	859	1,052
Average, structurals-----	378	436	403	430
Rails and related products--	325	383	391	502
Pipe and tube:				
Oil country tubular goods--	536	730	660	731
Line pipe-----	421	529	467	575
Mechanical pipe-----	623	675	611	686
Structural pipe-----	368	507	440	568
Pressure tubing-----	688	793	763	720
Other (incl. standard)-----	415	487	444	495
Average, pipe and tube--	459	600	542	600
Average, carbon and certain alloy 1/ steel--	399	450	422	481

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-February	
			1988	1989
Stainless and alloy tool steel:				
Stainless steel:				
Semifinished ^{2/} -----	816	1,490	1,414	1,492
Plate-----	1,766	2,207	1,795	2,893
Sheet and strip:				
Sheet-----	1,566	2,067	1,661	2,023
Strip-----	2,555	3,331	2,484	3,055
Average, sheet and strip:	1,637	2,149	1,724	2,199
Bars and shapes-----	1,874	2,296	1,961	2,856
Wire rod-----	1,747	2,357	1,761	2,904
Wire-----	3,007	3,642	3,350	3,915
Pipe and tube-----	3,063	3,706	3,176	4,859
Alloy tool steel (all forms)-----	1,932	2,116	2,071	1,335
Average, stainless and alloy steel-----	1,760	2,306	2,043	2,318

^{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 groups, 1987, 1988, and by specified periods, 1988 and 1989

Item	1987	1988	January-February	
			1988	1989
Quantity (short tons)				
Carbon and certain alloy <u>3</u> / steel:				
Semifinished <u>2</u> / Ingots-----	103,967	103,282	3,465	2,536
Blooms and billets-----	426,208	581,907	121,613	114,437
Slabs and sheet bars-----	1,702,095	2,097,383	428,134	231,401
Total-----	2,232,270	2,782,572	553,211	348,374
Plate:				
Carbon-----	1,450,898	1,750,917	290,504	252,704
Alloy-----	104,678	106,172	16,048	16,585
Total-----	1,555,577	1,857,090	306,553	269,289
Sheet and strip:				
Hot rolled:				
Sheet-----	2,123,804	2,199,268	321,867	286,340
Strip-----	43,197	49,553	7,638	21,251
Cold rolled:				
Black plate-----	159,779	145,166	26,502	27,154
Electrical-----	64,822	64,684	11,873	18,262
Other sheet-----	2,156,348	2,011,242	356,914	269,717
Other strip-----	135,227	126,534	28,167	21,424
Galvanized-----	2,306,233	1,948,811	411,892	245,004
Tin plate-----	332,306	294,552	45,625	67,785
Tin free-----	101,172	97,460	14,463	21,475
Other coated-----	323,709	248,111	41,132	46,329
Total-----	7,746,596	7,185,380	1,266,074	1,024,741
Bar:				
Hot rolled:				
Carbon-----	443,037	476,951	70,398	79,054
Alloy-----	160,811	186,902	33,520	27,951
Cold rolled:				
Carbon-----	152,283	161,345	28,686	23,206
Alloy-----	40,927	52,093	7,615	8,723
Reinforcing-----	351,632	357,253	52,833	68,170
Light structural shapes-----	132,477	126,568	22,546	21,195
Total-----	1,281,168	1,361,113	215,598	228,300

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-February	
			1988	1989
Quantity (short tons)				
Wire rod and related products:				
Wire rod:				
Carbon-----	1,341,257	1,355,951	220,427	192,237
Alloy-----	107,463	118,672	18,554	19,817
Wire:				
Carbon-----	504,898	486,699	84,114	74,368
Alloy-----	31,999	33,028	5,125	6,496
Wire products:				
Nails-----	440,746	364,748	64,950	59,934
Barbed wire-----	16,643	15,538	3,554	2,463
Wire fencing-----	13,263	12,052	2,010	7,443
Bale ties-----	1,719	1,849	345	310
Wire strand-----	98,898	88,300	16,408	24,524
Wire rope-----	65,683	77,564	11,535	20,058
Milliners wire 1/-----	12,426	12,400	2,746	0
Total-----	2,634,993	2,566,801	429,766	407,650
Structurals:				
Heavy-----	1,884,684	1,955,762	300,032	350,540
Fabricated-----	268,985	232,705	41,001	30,667
Total-----	2,153,669	2,188,467	341,033	381,208
Rails and related products:				
Rails-----	213,530	260,006	37,718	47,142
Joint bars and tie plates-----	13,969	8,487	100	3,096
Track spikes-----	370	205	0	1,613
Wheels and axles-----	18,120	50,734	6,466	12,634
Total-----	245,988	319,432	44,285	64,484
Pipes and tubes:				
Oil country tubular goods-----	594,463	1,032,296	231,333	82,541
Line pipe-----	526,047	507,914	99,090	73,521
Mechanical pipe-----	284,807	382,270	74,532	71,807
Structural pipe-----	428,758	278,870	59,125	65,156
Pressure tubing-----	27,122	52,100	8,280	14,036
Other (including standard)-----	887,446	996,487	211,669	141,317
Total-----	2,748,644	3,249,937	684,030	448,378

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-February	
	Quantity	Imports as % of Major Product Groupings	Quantity	Imports as % of Major Product Groupings	Quantity	Imports as % of Major Product Groupings
Quantity (short tons)						
Stainless and alloy tool steel:						
Stainless:						
Semifinished:						
Ingots-----	1,106	3,877	45	12		
Blooms and billets-----	48,955	40,772	4,846	9,349		
Slabs and sheet bars-----	6,664	17,758	1,838	4,748		
Total-----	56,725	62,407	6,729	14,108		
Plate-----	11,118	15,847	2,579	3,445		
Sheet and strip:						
Sheet:						
Hot rolled-----	5,179	7,331	992	2,330		
Cold rolled-----	114,806	103,577	17,223	17,901		
Strip-----	9,309	7,676	1,504	4,169		
Total-----	129,295	118,584	19,719	24,400		
Bars and shapes-----	37,991	40,724	7,254	6,079		
Wire rod-----	18,311	19,210	2,887	2,836		
Wire-----	19,084	20,653	2,967	4,299		
Pipe and tube-----	26,448	36,752	7,435	6,748		
Alloy tool steel (all forms):						
Semifinished <u>2</u> /-----	6,880	4,408	510	67		
Bars-----	19,792	28,867	5,605	297		
Other-----	13,927	10,820	2,701	16,268		
Total-----	40,599	44,095	8,816	16,632		

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-February	
			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	0.63	0.73
Blooms and billets-----	19.09	20.91	21.98	32.85
Slabs and sheet bars-----	76.25	75.38	77.39	66.42
Total-----	100.00	100.00	100.00	100.00
Plate:				
Carbon-----	93.27	94.28	94.76	93.84
Alloy-----	6.73	5.72	5.24	6.16
Total-----	100.00	100.00	100.00	100.00
Sheet and strip:				
Hot rolled:				
Sheet-----	27.42	30.61	25.42	27.94
Strip-----	0.56	0.69	0.60	2.07
Cold rolled:				
Black plate-----	2.06	2.02	2.09	2.65
Electrical-----	0.84	0.90	0.94	1.78
Other sheet-----	27.84	27.99	28.19	26.32
Other strip-----	1.75	1.76	2.22	2.09
Galvanized-----	29.77	27.12	32.53	23.91
Tin plate-----	4.29	4.10	3.60	6.61
Tin free-----	1.31	1.36	1.14	2.10
Other coated-----	4.18	3.45	3.25	4.52
Total-----	100.00	100.00	100.00	100.00
Bar:				
Hot rolled:				
Carbon-----	34.58	35.04	32.65	34.63
Alloy-----	12.55	13.73	15.55	12.24
Cold rolled:				
Carbon-----	11.89	11.85	13.31	10.16
Alloy-----	3.19	3.83	3.53	3.82
Reinforcing-----	27.45	26.25	24.51	29.86
Light structural shapes-----	10.34	9.30	10.46	9.28
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-February	
			1988	1989
Share of product group totals (percent)				
Wire rod and related products:				
Wire rod:				
Carbon-----	50.90	52.83	51.29	47.16
Alloy-----	4.08	4.62	4.32	4.86
Wire:				
Carbon-----	19.16	18.96	19.57	18.24
Alloy-----	1.21	1.29	1.19	1.59
Wire products:				
Nails-----	16.73	14.21	15.11	14.70
Barbed wire-----	0.63	0.61	0.83	0.60
Wire fencing-----	0.50	0.47	0.47	1.83
Bale ties-----	0.07	0.07	0.08	0.08
Wire strand-----	3.75	3.44	3.82	6.02
Wire rope-----	2.49	3.02	2.68	4.92
Milliners wire 1/-----	0.47	0.48	0.64	0.00
Total-----	100.00	100.00	100.00	100.00
Structurals:				
Heavy-----	87.51	89.37	87.98	91.96
Fabricated-----	12.49	10.63	12.02	8.04
Total-----	100.00	100.00	100.00	100.00
Rails and related products:				
Rails-----	86.80	81.40	85.17	73.11
Joint bars and tie plates-----	5.68	2.66	0.23	4.80
Track spikes-----	0.15	0.06	0.00	2.50
Wheels and axles-----	7.37	15.88	14.60	19.59
Total-----	100.00	100.00	100.00	100.00
Pipes and tubes:				
Oil country tubular goods-----	21.63	31.76	33.82	18.41
Line pipe-----	19.14	15.63	14.49	16.40
Mechanical pipe-----	10.36	11.76	10.90	16.01
Structural pipe-----	15.60	8.58	8.64	14.53
Pressure tubing-----	0.99	1.60	1.21	3.13
Other (including standard)-----	32.29	30.66	30.94	31.52
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-February	
			1988	1989
Share of product group totals (percent)				
Stainless and alloy tool steel:				
Stainless:				
Semifinished:				
Ingots-----	1.95	6.21	0.66	0.08
Blooms and billets-----	86.30	65.33	72.02	66.26
Slabs and sheet bars-----	11.75	28.45	27.32	33.65
Total-----	100.00	100.00	100.00	100.00
Plate-----	100.00	100.00	100.00	100.00
Sheet and strip:				
Sheet:				
Hot rolled-----	4.01	6.18	5.03	9.55
Cold rolled-----	88.79	87.34	87.34	73.37
Strip-----	7.20	6.47	7.63	17.09
Total-----	100.00	100.00	100.00	100.00
Bars and shapes-----	100.00	100.00	100.00	100.01
Wire rod-----	100.00	100.00	100.01	100.00
Wire-----	100.00	100.00	99.99	100.01
Pipe and tube-----	100.00	100.00	100.00	100.00
Alloy tool steel (all forms):				
Semifinished ^{2/} -----	16.95	10.00	5.78	0.40
Bars-----	48.75	65.47	63.58	1.79
Other-----	34.30	24.54	30.64	97.81
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-February	
			1988	1989
Atlantic Coast	4,673,187	4,743,215	1,019,650	894,954
Great Lakes-Canadian border	6,594,724	6,342,613	645,055	634,724
Gulf Coast-Mexican border	4,930,247	5,938,464	1,289,630	945,167
Off-shore	374,262	403,506	52,661	91,390
Pacific Coast	4,366,056	4,441,267	891,941	684,735
Total	20,938,475	21,869,065	3,898,937	3,250,971

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	1987	1988	January-February	
			1988	1989
Carbon and certain alloy 1/ steel:				
Semifinished 2/-----	384,562	471,964	97,722	97,057
Plate-----	258,880	331,537	71,083	56,405
Sheet and strip-----	1,900,352	1,771,637	449,360	347,524
Bars and certain shapes-----	222,055	220,708	45,910	37,454
Wire rod-----	310,731	297,606	65,965	53,949
Wire-----	119,558	108,857	20,108	14,780
Wire products-----	266,335	220,011	35,972	42,953
Structural shapes and units-----	581,450	602,240	92,625	128,440
Rails and related products-----	25,273	36,885	4,185	4,055
Pipe and tube-----	462,405	523,784	108,785	72,042
Total-----	4,531,600	4,585,229	991,715	854,659
Stainless and alloy tool steel:				
Stainless steel:				
Semifinished 2/-----	15,595	24,249	2,414	5,669
Plate-----	4,167	6,134	599	1,897
Sheet and strip-----	42,918	45,874	8,100	10,207
Bars and certain shapes-----	19,945	22,371	4,679	3,503
Wire rod-----	13,117	13,526	2,192	2,318
Wire-----	10,357	10,593	1,664	2,317
Pipe and tube-----	10,147	12,391	2,620	1,857
Tool steel (all forms)-----	25,340	22,848	5,668	12,527
Total-----	141,586	157,986	27,935	40,295
Grand Total-----	4,673,187	4,743,215	1,019,650	894,954

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-February	
			1988	1989
Carbon and certain alloy 1/ steel:				
Semifinished 2/-----	498,851	414,978	7,249	9,812
Plate-----	663,496	723,681	75,954	52,793
Sheet and strip-----	2,630,195	2,396,464	182,358	173,943
Bars and certain shapes-----	561,285	625,771	77,318	81,538
Wire rod-----	565,070	545,070	74,757	76,619
Wire-----	251,126	253,271	41,862	42,812
Wire products-----	95,457	83,750	13,979	16,958
Structural shapes and units---	566,003	522,423	65,755	47,676
Rails and related products---	107,729	179,981	21,411	27,278
Pipe and tube-----	564,259	488,579	71,881	86,248
Total-----	6,503,470	6,233,970	632,524	615,678
Stainless and alloy tool steel:				
Stainless steel:				
Semifinished 2/-----	27,149	34,966	3,949	7,801
Plate-----	1,971	3,246	223	211
Sheet and strip-----	34,156	33,923	3,228	5,206
Bars and certain shapes-----	4,170	4,098	606	131
Wire rod-----	1,047	661	59	41
Wire-----	4,794	6,053	751	1,058
Pipe and tube-----	6,134	7,833	1,291	1,488
Tool steel (all forms)-----	11,832	17,864	2,423	3,110
Total-----	91,254	108,644	12,531	19,047
Grand Total-----	6,594,724	6,342,613	645,055	634,724

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-February	
			1988	1989
Carbon and certain alloy 1/ steel:				
Semifinished 2/-----	866,421	1,061,770	240,712	155,559
Plate-----	419,658	567,614	123,291	91,636
Sheet and strip-----	1,515,043	1,558,244	356,084	270,726
Bars and certain shapes-----	131,573	137,056	34,751	38,298
Wire rod-----	257,709	349,946	69,268	47,097
Wire-----	76,094	64,524	12,953	9,063
Wire products-----	107,410	105,823	22,610	21,654
Structural shapes and units---	473,758	493,074	86,214	93,764
Rails and related products---	61,358	64,016	9,972	29,836
Pipe and tube-----	959,115	1,493,874	324,730	177,405
Total-----	4,868,139	5,895,942	1,280,586	935,036
Stainless and alloy tool steel:				
Stainless steel:				
Semifinished 2/-----	13,974	3,131	336	638
Plate-----	2,714	3,233	1,185	990
Sheet and strip-----	29,042	16,038	3,756	3,986
Bars and certain shapes-----	5,951	6,668	1,199	1,196
Wire rod-----	1,117	1,220	141	176
Wire-----	1,350	606	112	202
Pipe and tube-----	6,665	10,896	2,123	2,693
Tool steel (all forms)-----	1,295	730	191	249
Total-----	62,108	42,523	9,044	10,131
Grand Total-----	4,930,247	5,938,464	1,289,630	945,167

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-February	
			1988	1989
Carbon and certain alloy 1/ steel:				
Semifinished 2/-----	0	3/	0	0
Plate-----	6,693	13,906	536	2,314
Sheet and strip-----	90,238	72,445	9,727	11,564
Bars and certain shapes-----	164,360	157,820	21,252	46,433
Wire rod-----	11,940	16,953	595	45
Wire-----	11,147	14,739	1,662	2,252
Wire products-----	7,285	10,190	1,565	996
Structural shapes and units-----	22,499	21,786	3,381	10,947
Rails and related products-----	445	88	0	48
Pipe and tube-----	58,545	93,829	13,683	16,198
Total-----	373,151	401,758	52,402	90,799
Stainless and alloy tool steel:				
Stainless steel:				
Semifinished 2/-----	0	0	0	0
Plate-----	0	3/	0	0
Sheet and strip-----	1	0	0	0
Bars and certain shapes-----	0	15	0	3/
Wire rod-----	0	0	0	0
Wire-----	1,074	1,690	217	296
Pipe and tube-----	36	42	42	0
Tool steel (all forms)-----	0	0	0	295
Total-----	1,111	1,748	259	591
Grand Total-----	374,262	403,506	52,661	91,390

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-February	
			1988	1989
Carbon and certain alloy 1/ steel:				
Semifinished 2/-----	482,436	833,859	207,528	85,946
Plate-----	206,851	220,352	35,688	66,140
Sheet and strip-----	1,610,768	1,386,590	268,543	220,984
Bars and certain shapes-----	201,894	219,758	36,367	24,577
Wire rod-----	303,270	265,048	28,395	34,344
Wire-----	78,972	78,336	12,654	11,957
Wire products-----	172,890	152,677	27,422	32,171
Structural shapes and units-----	509,959	548,943	93,058	100,380
Rails and related products-----	51,183	38,461	8,717	3,267
Pipe and tube-----	704,521	649,871	164,951	96,486
Total-----	4,322,545	4,393,893	883,323	676,251
Stainless and alloy tool steel:				
Stainless steel:				
Semifinished 2/-----	7	61	30	0
Plate-----	2,266	3,233	572	347
Sheet and strip-----	23,178	22,749	4,636	5,001
Bars and certain shapes-----	7,925	7,573	770	1,248
Wire rod-----	3,030	3,803	495	301
Wire-----	1,508	1,711	222	426
Pipe and tube-----	3,465	5,590	1,359	709
Tool steel (all forms)-----	2,132	2,653	534	451
Total-----	43,511	47,373	8,618	8,484
Grand Total-----	4,366,056	4,441,267	891,941	684,735

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.

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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, 7209.42.0000, 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 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, 7306.30.5060, 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, 7304.90.3000, 7305.31.2000, 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, 7227.10.000, 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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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 9908.00.30, 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 0.8 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
 - (I) 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 0.85 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 0.85 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:

- (1) 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--

- (1) 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.

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 (53 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 98, 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 2.286cm 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 30.48cm 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;

(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 30.32cm 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 17.8582mm 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)(ii) 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) to

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.....	* 250,386	501,678
	Japan.....	* 3,213,281	6,427,470
	Korea.....	* 439,989	880,885
	Mexico.....	* 25,401	51,710
	Spain.....	* 987,913	1,995,827
	Sweden.....	* 308,446	616,892
	Taiwan.....	* 22,680	45,360
	Other, except as provided in U.S. note 4(g)(ii) to this subchapter.....	* 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	(*)
	Canada.....	211,376	(*)
	Japan.....	2,707,974	(*)
	Korea.....	367,414	(*)
	Mexico.....	24,494	(*)
	Spain.....	840,969	(*)
	Sweden.....	259,457	(*)
	Taiwan.....	19,051	(*)
	Other, except as provided in U.S. note 4(g)(ii) to this subchapter.....	44,453	(*)

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.....	* 1,439,717	2,879,434
	Korea.....	* 238,592	476,277
	Spain.....	* 421,845	844,598
	Sweden.....	* 899,936	1,799,873
9903.72.22	Other, except as provided in U.S. note 4(g)(ii) to this subchapter.....	* 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	(²)
	Japan.....	1,212,918	(²)
	Korea.....	355,620	(²)
	Spain.....	355,620	(²)
	Sweden.....	758,414	(²)
	Other, except as provided in U.S. note 4(g) (ii) to this subchapter.....	63,504	(²)

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, 7226.92.60, 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:

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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	360,156	719,405
	Japan	1,048,716	2,088,340
	Korea	345,641	691,282
	Mexico	58,060	117,935
	Poland	77,111	155,130
	Spain	40,824	83,462
	Sweden	1,979,497	3,958,995
9903.72.32	Other, except as provided in U.S. note 4(g)(ii) to this subchapter	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	152,409
	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	(¹)
	Japan	883,607	(¹)
	Korea	203,931	(¹)
	Mexico	51,710	(¹)
	Poland	62,596	(¹)
Spain	35,381	(¹)	
Sweden	1,667,423	(¹)	
Other, except as provided in U.S. note 4(g)(ii) to this subchapter	61,689	(¹)	

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	997,813	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)

