

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

USITC PUBLICATION 2202

JULY 1989

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



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Carbon Steel Wire Rod

At the time the program of steel Voluntary Restraint Agreements (VRAs) was instituted in 1984, imports of carbon steel wire rod represented about 34 percent of domestic apparent consumption. Subsequent to implementation and coincident with rising domestic production, imports fell to 27 percent of domestic apparent consumption.

Although the total quantity of imports has remained relatively constant (about 1.45 million tons) during 1985-88, imports from non-VRA origins rose 40 percent while those from VRA origins fell 20 percent. In 1988, imports from both sources were approximately equal. Several countries, which are not signatories to a VRA have emerged as important sources of carbon steel wire rod:

<u>Country</u>	<u>Imports (net tons)</u>	
	<u>1984</u>	<u>1988</u>
Turkey	0	126,791
Indonesia	6,284	84,414
Singapore	29,579	81,904
Taiwan	9,637	16,843
Egypt	0	11,114

Three VRA-signatory countries, East Germany, Brazil, and Mexico, have also emerged as larger exporters of carbon steel wire rod to the United States during 1985-88. Imports from these three countries rose 52 percent during the period to a total of 133,068 tons in 1988.

Reduced import penetration by VRA countries is a result of mainly two factors: one is that the value of the main European and Japanese currencies has fluctuated to a greater degree than the currencies of the non-VRA countries and have generally appreciated against the U.S. dollar. Another factor has been the shipments of wire rod from VRA countries for processing in non-VRA countries, and the export of the downstream products, drawn wire and fabricated wire products, to the United States as the product of the non-VRA country. Imports due to this latter factor may be reduced because of a recent decision by the Court of International Trade finding that the process of drawing wire from wire rod does not constitute "substantial transformation," thereby requiring that there be no change in the country of origin because of processing in a third country. This would cause the imports of some wire and wire products to be counted against the VRA quota limits on wire rod.

Throughout the period of import restraints, 1985-88, domestic apparent consumption of carbon steel wire rod has risen from about 4.4 million tons to 5.5 million tons, largely as a result of increased highway and building construction, and inventory building. Domestic shipments rose from about 2.9 million tons to almost 4 million tons. Domestic capacity utilization rose from 44 percent to 60 percent during the same time period. The industry has modernized the facilities for the production of wire rod, and several companies have added new production capacity.

Charles Yost
252-1442

Monthly Summary
Subject Index

	<u>USITC</u>	
	<u>Publication</u>	Date
Trade with VRA and non-VRA countries; product		
trade assessment - - - - -	1852	6/86
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
Imports of carbon and alloy sheet and strip; VRA developments with South Africa and Austria; Taiwan - - - - -	1942	1/87
Trade with VRA and non-VRA countries; the non-VRA countries; product trade assessment - - - - -	1953	2/87
Imports of carbon and alloy heavy fabricated structural products - - - - -	1974	5/87
Imports of carbon and alloy steel wire rod - - - -	1984	6/87
Imports of carbon and alloy steel plate - - - - -	1993	7/87
Presidential decision on imports of certain specialty steel products - - - - -	1998	8/87
Shifts in non-VRA market shares, by product - - -	2007	9/87
Unit values of certain steel products - - - - -	2022	10/87
Imports by customs areas - - - - -	2029	11/87
Imports of semifinished steel - - - - -	2039	12/87
Imports and exports of carbon and alloy sheet and strip - - - - -	2049	1/88
Imports of wire products - - - - -	2056	2/88
Annual summary of trade with VRA and non-VRA countries; product trade assessment - - - - -	2064	3/88
The domestic iron and steel scrap market - - - -	2072	4/88
Fabricated structural steel - - - - -	2074	5/88
Specialty steel products - - - - -	2088	6/88
Pipe and tube products - - - - -	2092	7/88
Steel pricing: domestic and international developments	2102	8/88
Wire rod, wire and wire products - - - - -	2114	9/88
U.S. trade in tinplate - - - - -	2130	10/88
Steel rebar: domestic market and trade - - - - -	2134	11/88
Heavy structural shapes - - - - -	2141	12/88
Imports by customs areas - - - - -	2146	1/89
Wire rope and strand - - - - -	2153	2/89
Annual summary of trade with VRA and non-VRA countries; product trade assessment - - - - -	2162	3/89
Imports of pipe and tube products - - - - -	2175	4/89
Specialty steel imports - - - - -	2184	5/89
Imports of semifinished steel - - - - -	2195	6/89iii

Monthly Summary
Subject Index

	<u>USITC</u> <u>Publication</u>	Date
Wire rod- - - - -	2202	7/89

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

<u>Quota agreements</u>	<u>Quota level for 1989 in short tons and as a share of apparent U.S. consumption (estimated) 3/</u>	
	(Short tons)	(Percent)
Czechoslovakia	29,338	0.03
East Germany	82,500	0.09
Hungary	25,500	0.03
Poland	69,373	0.07
Portugal	20,000	0.02
Romania	76,426	0.08
Trinidad and Tobago	43,984	0.05
Venezuela	130,334	4/ 0.10
Yugoslavia	18,900	0.02
People's Republic of China	57,000	0.06

<u>Semifinished steel agreements</u>	<u>Quota level for 1989 (short tons)</u>
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
Trinidad and Tobago	2,625
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.

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.

CONTENTS

	<u>Page</u>
Monthly Summary	- - 1
Summary Index	iii
Preface	-
Appendix A. Definition of certain terms, and description of the products subject to the investigation	A-1
Appendix B. Definitions of certain specialty steels including alloy tool steel	C-1
Appendix C. Specialty steel relief provisions	B-1

Tables

1. Steel: U.S. raw steel production, capability utilization, employ- ment, wages, shipments, imports, exports, apparent consumption, net sales, and net income, 1984-88, and by specified periods, 1988 and 1989	- -1
2. Steel mill products and certain fabricated steel products: U.S. producers' shipments, by product and grade of steel, 1984-88, and by specified periods, 1988 and 1989	- -2
3. Steel mill products and certain fabricated steel products: U.S. imports, by product and grade of steel, 1984-88, and by specified periods, 1988 and 1989	-
4. Steel mill products and certain fabricated steel products: U.S. exports of domestic merchandise, by product and grade of steel, 1984-88, and by specified periods, 1988 and 1989	- -4
5. Steel mill products and certain fabricated steel products: Apparent U.S. consumption, by product and grade of steel, 1984-88, and by specified periods, 1988 and 1989	- -5
6. Steel mill products and certain fabricated steel products: U.S. imports as a percent of apparent consumption, by product and grade of steel, 1984-88, and by specified periods, 1988 and 1989	- -6
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	- -7
8. Steel other than semifinished steel: 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-	- -9
9. Semifinished steel: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989	- 11
10. Carbon and certain alloy semifinished steel: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989	- 12
11. Carbon and certain alloy steel plate: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989	- 14
12. Carbon and certain alloy steel sheet and strip: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989	- 16
13. Carbon and certain alloy steel bar and light shapes: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989	-

CONTENTS

Tables

	<u>Page</u>
14. Carbon and certain alloy steel wire rod: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989- -----	20
15. Carbon and certain alloy steel wire: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989-----	22
16. Carbon and certain alloy steel wire products: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989- ----- -	24
17. Carbon and certain alloy steel structural shapes: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989-	26
18. Carbon and certain alloy steel rails and related products: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989-	28
19. Carbon and certain alloy steel pipe and tube: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989-	30
20. Total, carbon and certain alloy steel products: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989---	32
21. Stainless semifinished steel: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989-	34
22. Stainless steel plate: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989---	36
23. Stainless steel sheet and strip: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989-	38
24. Stainless steel bars and shapes: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989 - - - - -	40
25. Stainless steel wire rod: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989-	42
26. Stainless steel wire: U.S. imports for consumption by specified sources, 1987, 1988, and by specified periods, 1988 and 1989---	44
27. Stainless steel pipe and tube: U.S. imports for consumption by specified sources, 1987, 1988, and by specified periods,	46
28. Alloy tool steel (all forms): U.S. imports for consumption by specified sources, 1987, 1988, and by specified periods, 1988 and 1989-	48
29. Total, stainless and alloy tool steel products: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989-----	50

CONTENTS

Tables

	<u>Page</u>
30. Steel mill products and certain fabricated steel products: Unit value of U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1988-	52
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-	54
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- - -----	60
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-	61
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-	62
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	63
36. Steel mill products and certain fabricated steel products: U.S. imports for consumption, through Off-shore customs area, 1987, 1988, and by specified periods, 1988 and 1989-	64
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- -----	65

production, capability utilization, employment, wages, shipments, imports, exports, apparent consumption, net sales specified periods 1988 and 1989

Item	1984	1988	1989	1990
Raw steel:				
Production (1,000 short tons).....	2,528	88,472		
Capability utilization (percent).....	68.4	78.9		
Continuously cast (% cent).....	39.6	52.5		
Employment:				
Total (thousands).....	236			
Receiving wages (thousands).....	171			
Hourly employment cost 1/ (dollars).....	21.30			
Steel:				
Shipments (1,000 short tons).....	0	64,947		
Imports (1,000 short tons).....	5	21,289		
Exports (1,000 short tons).....	1	980		
Apparent consumption (1,000 short tons)....	3	90,026		
Ratio of imports to consumption (percent)...	9	23.6		
Financial:				
All operations:				
Net sales (million dollars).....	53,619	41,912		
Net income (million dollars).....	(301)	(6,094)		
Ratio of net sales to income (percent)....	(0.6)	(14.5)		
Steel operations:				
Net steel sales (million dollars).....	30,132	24,891		
Net steel income (million dollars).....	(186)	(4,203)		
Ratio of net sales to income (percent)....	(0.6)	(16.9)		

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2/ Total employment costs (inc

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4/ Not available.

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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--April	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia - - - - -	155,112	282,085	104,546	122,190
Austria - - - - -	119,666	138,101	33,610	14,208
Brazil - - - - -	1,152,972	1,476,896	463,091	540,028
Czechoslovakia - - - -	29,792	37,301	8,314	745
East Germany - - - - -	95,910	92,239	35,237	20,926
EC countries - - - - -	5,314,371	5,766,991	1,684,749	1,440,077
Finland - - - - -	174,889	212,989	63,462	67,121
Hungary - - - - -	27,064	30,094	8,602	7,887
Japan - - - - -	4,384,621	4,343,898	1,459,463	1,277,543
Mexico - - - - -	491,204	488,367	172,917	91,457
Peoples Rep of China -	51,107	68,840	22,835	15,905
Poland - - - - -	91,936	89,648	40,310	24,025
Portugal - - - - -	31,087	22,739	11,521	3,725
Romania - - - - -	82,408	102,548	40,474	4,742
Republic of South Africa -----:	30,015	1,693	1,691	247
Korea, Republic of - -	1,434,872	1,572,602	598,564	416,806
Spain - - - - -	520,988	486,490	172,806	187,146
Trinidad and Tobago - -	62,575	31,518	9,329	9,200
Venezuela - - - - -	170,571	169,383	96,910	28,631
Yugoslavia - - - - -	15,394	12,751	1,819	2,021
Total - - - - -	14,436,554	15,427,173	5,030,250	4,274,630
Other countries:				
Canada - - - - -	3,809,440	3,430,920	1,225,637	1,139,894
Sweden - - - - -	609,367	575,055	268,618	106,494
Argentina - - - - -	346,494	558,011	238,188	50,141
Turkey - - - - -	407,413	307,985	158,556	64,519
Indonesia - - - - -	235,573	281,142	88,666	27,263
Taiwan - - - - -	263,415	252,112	96,712	62,458
Norway - - - - -	154,231	181,502	65,828	33,455
Thailand - - - - -	120,179	160,364	63,864	32,267
Singapore - - - - -	144,538	153,164	35,808	26,633
India - - - - -	60,774	100,261	24,764	41,747
All others - - - - -	350,496	441,375	143,459	66,646
Total - - - - -	6,501,920	6,441,891	2,410,100	1,651,517
Grand total - - - - -	20,938,474	21,869,064	7,440,350	5,926,147

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

Item	1987	1988	January--April	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia	70,374	118,494	41,843	48,267
Austria	58,007	82,907	23,160	16,454
Brazil	328,749	463,632	137,293	180,752
Czechoslovakia	7,156	12,019	2,460	424
East Germany	25,328	31,340	10,561	7,100
EC countries	2,197,086	2,721,224	762,570	803,931
Finland	65,035	101,105	28,383	30,758
Hungary	6,191	8,600	2,207	2,637
Japan	2,189,840	2,562,005	828,349	804,802
Mexico	204,210	240,693	78,817	55,892
Peoples Rep of China	23,586	27,574	8,771	8,589
Poland	27,141	30,281	12,413	8,853
Portugal	15,163	10,575	5,751	2,329
Romania	25,093	36,063	14,076	1,776
Republic of South Africa	7,322	1,487	1,485	229
Korea, Republic of	633,718	770,065	282,039	207,554
Spain	200,168	249,811	74,243	103,597
Trinidad and Tobago	15,482	8,602	2,452	3,006
Venezuela	48,835	53,699	30,841	10,921
Yugoslavia	5,404	5,947	819	846
Total	6,153,888	7,536,123	2,348,533	2,298,717
Other countries:				
Canada	1,660,699	1,706,602	584,017	613,211
Sweden	301,016	358,878	134,219	102,753
Argentina	122,695	221,845	87,882	21,210
Turkey	123,568	93,038	45,274	21,807
Indonesia	56,949	81,687	24,752	10,189
Taiwan	118,228	134,663	46,793	38,176
Norway	39,735	55,371	17,831	11,615
Thailand	43,817	65,625	24,881	13,840
Singapore	42,953	50,365	11,840	10,818
India	22,889	43,769	9,793	16,408
All others	124,712	164,938	57,798	33,385
Total	2,657,261	2,976,781	1,045,080	893,412
Grand total	8,811,149	10,512,904	3,393,613	3,192,129

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-April	
			1988	1989
Quantity (Short tons)				
VRA countries:				
Australia - - - - -	155,077	202,683	81,060	86,186
Austria - - - - -	119,666	138,029	33,610	14,208
Brazil - - - - -	671,685	755,083	225,948	294,993
Czechoslovakia - - - - -	29,792	37,301	8,314	745
East Germany - - - - -	95,909	92,239	35,237	20,926
EC - - - - -	4,358,698	4,611,870	1,309,731	1,169,495
Finland - - - - -	160,941	209,750	63,462	67,121
Hungary - - - - -	26,495	30,094	8,602	7,887
Japan - - - - -	4,291,332	4,264,692	1,434,405	1,242,452
Mexico - - - - -	429,320	424,451	142,785	86,440
Peoples Rep of China - - -	51,093	68,840	22,835	15,899
Poland - - - - -	90,476	89,295	40,031	23,759
Portugal - - - - -	31,087	22,739	11,521	3,725
Romania - - - - -	82,408	102,548	40,474	4,742
Republic of South Africa -	7,437	1,693	1,691	247
Korea, Republic of - - - -	1,407,830	1,515,157	597,477	389,385
Spain - - - - -	484,083	449,539	153,095	178,809
Trinidad and Tobago - - - -	62,575	28,460	9,329	9,200
Venezuela - - - - -	130,749	119,720	74,969	28,631
Yugoslavia - - - - -	15,394	12,751	1,819	2,021
Total - - - - -	12,702,047	13,176,934	4,296,395	3,646,871
Other countries:				
Canada - - - - -	3,673,795	3,327,082	1,199,821	1,110,849
Argentina - - - - -	343,363	535,190	215,368	50,079
Turkey - - - - -	407,413	307,985	158,556	64,519
Indonesia - - - - -	234,667	276,988	84,517	27,263
Sweden - - - - -	267,311	269,005	113,537	60,769
Taiwan - - - - -	263,415	252,112	96,712	62,458
Thailand - - - - -	120,179	160,364	63,864	32,267
Singapore - - - - -	144,538	153,164	35,808	26,633
Norway - - - - -	109,791	116,917	48,858	27,578
India - - - - -	60,774	100,261	24,764	41,747
All others - - - - -	322,184	348,084	120,264	66,645
Total - - - - -	5,947,430	5,847,152	2,162,069	1,570,807
Grand total - - - - -	18,649,477	19,024,086	6,458,464	5,217,678

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-April	
			1988	1989
Import/consumption ratio (percent)				
VRA countries:				
Australia - - - - -	.2	.2	.2	.3
Austria - - - - -	.1	.1	.1	.1
Brazil - - - - -	.7	.8	.7	1.2
Czechoslovakia - - - - -	2/	2/	∇	∇
East Germany - - - - -	.1	.1	.1	.1
EC - - - - -	4.8	4.7	3.9	4.7
Finland - - - - -	.2	.2	.2	.3
Hungary - - - - -	∇	∇	∇	∇
Japan - - - - -	4.7	4.4	4.3	5.0
Mexico - - - - -	.5	.4	.4	.3
Peoples Rep of China - - -	.1	.1	.1	.1
Poland - - - - -	.1	.1	.1	.1
Portugal - - - - -	∇	∇	∇	∇
Romania - - - - -	.1	.1	.1	∇
Republic of South Africa -	∇	∇	∇	∇
Korea, Republic of - - - -	1.6	1.5	1.8	1.6
Spain - - - - -	.5	.5	.5	.7
Trinidad and Tobago - - - -	.1	z/	2/	2/
Venezuela - - - - -	.1	.1	.2	.1
Yugoslavia - - - - -	2/	2/	2/	2/
Total - - - - -	14.0	13.5	12.9	14.6
Other countries:				
Canada - - - - -	4.1	3.4	3.6	4.5
Argentina - - - - -	.4	.5	.6	.2
Turkey - - - - -	.4	.3	.5	.3
Indonesia - - - - -	.3	.3	.3	.1
Sweden - - - - -	.3	.3	.3	.2
Taiwan - - - - -	.3	.3	.3	.3
Thailand - - - - -	.1	.2	.2	.1
Singapore - - - - -	.2	.2	.1	.1
Norway - - - - -	.1	.1	.1	.1
India - - - - -	.1	.1	.1	.2
All others - - - - -	.4	.4	.4	.3
Total - - - - -	6.6	6.0	6.5	6.3
Grand total - - - - -	20.6	19.5	19.5	20.9

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

2/ Less than 0.05 percent.

10

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

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

Item	1987	1988	January--April	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia - - - - -	35	79,402	23,486	36,003
Austria - - - - -	0	0	0	0
Brazil - - - - -	467,926	720,130	237,144	245,035
Czechoslovakia - - - -	0	0	0	0
East Germany - - - - -	2/	0	0	0
EC countries - - - - -	949,332	1,151,180	373,296	269,682
Finland - - - - -	13,948	3,239	0	0
Hungary - - - - -	569	0	0	0
Japan - - - - -	89,683	77,271	24,040	34,827
Mexico - - - - -	61,884	63,916	30,131	5,017
Peoples Rep of China -	13	0	0	5
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	1,087	27,421
Spain - - - - -	36,537	30,268	19,350	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	730,754	619,590
Other countries:				
Sweden - - - - -	334,207	291,559	150,543	42,799
Canada - - - - -	110,445	70,310	16,924	14,671
Norway - - - - -	44,440	64,585	16,970	5,877
Soviet Union - - - - -	0	47,078	0	0
New Zealand - - - - -	28,212	46,214	23,195	0
Argentina - - - - -	3,131	22,820	22,820	62
Indonesia - - - - -	906	4,154	4,149	0
Switzerland - - - - -	99	2/	2/	2/
Total - - - - -	521,440	546,720	234,601	63,409
Grand total - - - - -	2,232,270	2,782,571	965,355	682,999

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--April	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia - - - - -	6	15,165	3,503	6,307
Austria - - - - -	0	0	0	0
Brazil - - - - -	87,231	161,215	49,493	62,213
Czechoslovakia - - - - -	0	0	0	0
East Germany - - - - -	7	0	0	0
EC countries - - - - -	208,398	284,362	85,877	72,179
Finland - - - - -	2,945	770	0	0
Hungary - - - - -	128	0	0	0
Japan - - - - -	20,477	19,499	5,850	9,483
Mexico - - - - -	11,428	17,342	6,729	1,726
Peoples Rep of China - -	30	0	0	7
Poland - - - - -	342	69	69	0
Portugal - - - - -	0	0	0	0
Romania - - - - -	0	0	0	0
Republic of South Africa - - - - -		0	0	0
Korea, Republic of - - -	4,809	14,573	414	6,641
Spain - - - - -	6,503	6,521	3,795	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	159,552	159,158
Other countries:				
Sweden - - - - -	76,098	73,544	36,888	10,805
Canada - - - - -	26,940	21,337	5,377	7,002
Norway - - - - -	8,098	14,757	3,488	1,288
Soviet Union - - - - -	0	6,946	0	0
New Zealand - - - - -	6,332	13,489	8,372	0
Argentina - - - - -	1,109	6,147	6,147	21
Indonesia - - - - -	242	1,196	1,195	0
Switzerland - - - - -	140	3	1	8
Total - - - - -	118,959	137,419	61,468	19,124
Grand total - - - - -	471,519	668,601	221,020	178,282

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

Z/ Less than 0.5 short ton.

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

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

Item	1987	1988	January--April	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia - - - - -	5,014	5,935	1,761	999
Austria - - - - -	9,701	21,426	3,472	835
Brazil - - - - -	112,608	171,537	38,593	67,242
Czechoslovakia - - - -	10,416	16,455	3,418	0
East Germany - - - - -	16,091	17,270	5,844	3,357
EC countries - - - - -	381,994	467,491	128,130	125,653
Finland - - - - -	69,486	96,135	21,917	35,666
Hungary - - - - -	13,933	16,146	4,662	4,148
Japan - - - - -	35,903	44,538	11,109	13,420
Mexico - - - - -	12,930	20,867	7,240	3,280
Peoples Rep of China -	0	26	0	0
Poland - - - - -	30,633	30,860	11,872	12,043
Portugal - - - - -	0	0	0	0
Romania - - - - -	49,274	68,325	26,876	4,642
Republic of South Africa ----:	465	0	0	0
Korea, Republic of - -	64,323	68,405	19,868	18,778
Spain - - - - -	63,973	48,484	22,262	18,932
Trinidad and Tobago - -	0	389	0	0
Venezuela - - - - -	6,872	6,653	5,981	2,694
Yugoslavia - - - - -	0	1,423	0	0
Total - - - - -	883,616	1,102,365	313,005	311,689
Other countries:				
Canada - - - - -	449,135	419,556	158,623	105,053
Sweden - - - - -	106,253	110,743	46,444	21,980
Indonesia - - - - -	46,701	84,969	42,789	203
Argentina - - - - -	17,499	44,564	17,004	233
India - - - - -	35,711	34,780	2,933	23,985
Egypt - - - - -	0	21,147	7,543	0
Pakistan - - - - -	6,227	15,610	10,043	0
Algeria - - - - -	0	8,054	6,934	0
Turkey - - - - -	6,145	5,946	5,946	168
New Zealand - - - - -	0	3,849	294	2,787
All others - - - - -	4,290	5,507	1,902	2/
Total - - - - -	671,961	754,725	300,455	154,409
Grand total - - - - -	1,555,577	1,857,090	613,460	466,098

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--April	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia - - - - -	2,285	3,190	913	444
Austria - - - - -	3,379	8,467	1,517	575
Brazil - - - - -	36,299	67,413	15,533	20,224
Czechoslovakia - - - - -	2,292	5,280	902	0
East Germany - - - - -	3,761	5,566	1,645	1,143
EC countries - - - - -	126,682	197,106	51,831	56,441
Finland - - - - -	18,573	38,528	7,806	12,774
Hungary - - - - -	3,104	4,494	1,110	1,315
Japan - - - - -	19,324	27,120	6,235	8,159
Mexico - - - - -	3,340	8,122	2,608	1,446
Peoples Rep of China - - -	0	28	0	0
Poland - - - - -	7,316	9,971	3,310	4,126
Portugal - - - - -	0	0	0	0
Romania - - - - -	13,447	22,680	9,175	1,719
Republic of South Africa -	145	0	0	0
Korea, Republic of - - - -	21,560	28,496	7,979	7,298
Spain - - - - -	20,059	22,593	8,892	7,059
Trinidad and Tobago - - - -	0	122	0	0
Venezuela - - - - -	1,762	2,062	1,809	912
Yugoslavia - - - - -	0	461	0	0
Total - - - - -	283,328	451,699	121,265	123,635
Other countries:				
Canada - - - - -	155,991	175,573	62,763	44,959
Sweden - - - - -	40,807	52,247	20,375	11,586
Indonesia - - - - -	12,461	25,597	12,447	57
Argentina - - - - -	4,317	14,038	5,595	81
India - - - - -	13,055	14,024	796	6,991
Egypt - - - - -	0	6,652	2,079	0
Pakistan - - - - -	2,559	4,117	2,599	0
Algeria - - - - -	0	2,330	2,046	0
Turkey - - - - -	1,554	2,186	2,186	77
New Zealand - - - - -	0	1,350	91	870
All others - - - - -	1,708	1,855	736	6
Total - - - - -	232,452	299,969	111,713	64,627
Grand total - - - - -	515,780	751,668	232,978	188,262

1/ Certain alloy refers to alloy steel other than stainless or tool steel. ¹⁵

2/ Less than 0.5 short ton.

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

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

Item	1987	1988	January--April	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia - - - - -	123,054	169,338	67,179	72,426
Austria - - - - -	82,055	80,141	16,929	4,600
Brazil - - - - -	343,715	279,788	79,713	134,357
Czechoslovakia - - - - -	2,410	0	0	0
East Germany - - - - -	61,012	50,830	18,371	9,907
EC countries - - - - -	2,172,597	2,143,264	562,601	432,676
Finland - - - - -	71,070	85,164	32,728	22,429
Hungary - - - - -	9,600	13,211	3,355	2,600
Japan - - - - -	2,381,393	2,209,538	728,745	672,187
Mexico - - - - -	127,973	139,529	48,168	25,271
Peoples Rep of China - - - - -	584	0	0	18
Poland - - - - -	13,390	11,005	4,767	0
Portugal - - - - -	29,872	16,837	11,371	3,002
Romania - - - - -	3,665	6,731	3,218	52
Republic of South Africa - - - - -	372	0	0	0
Korea, Republic of - - - - -	603,796	487,380	202,122	99,553
Spain - - - - -	100,179	88,988	34,384	36,522
Trinidad and Tobago - - - - -	0	63	0	0
Venezuela - - - - -	56,293	57,246	47,693	12,360
Yugoslavia - - - - -	0	0	0	5
Total - - - - -	6,183,030	5,839,053	1,861,344	1,527,965
Other countries:				
Canada - - - - -	1,119,490	856,040	321,449	285,973
Argentina - - - - -	175,619	243,388	127,429	1,823
Taiwan - - - - -	60,024	78,901	30,786	14,413
Sweden - - - - -	61,509	51,007	25,053	9,331
New Zealand - - - - -	10,795	29,118	3,843	25,060
Algeria - - - - -	11,632	21,102	11,864	0
Indonesia - - - - -	24,966	20,138	9,543	160
Turkey - - - - -	67,134	17,019	16,026	20
Norway - - - - -	15,629	14,466	3,568	4,726
Pakistan - - - - -	10,113	8,324	3,345	0
All others - - - - -	6,653	6,824	1,174	2,084
Total - - - - -	1,563,564	1,346,327	554,080	343,590
Grand total - - - - -	7,746,594	7,185,380	2,415,424	1,871,555

See footnote(s) at end of table.

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

Item	1987	1988	January--April	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia - - - - -	59,001	90,392	33,658	35,757
Austria - - - - -	26,289	31,089	6,342	2,156
Brazil - - - - -	119,782	111,040	29,978	54,320
Czechoslovakia - - - - -	644	0	0	0
East Germany - - - - -	17,087	18,100	6,187	3,506
EC countries - - - - -	877,390	995,304	249,387	221,203
Finland - - - - -	25,253	32,525	12,474	9,481
Hungary - - - - -	2,371	3,751	832	835
Japan - - - - -	1,208,940	1,211,321	393,908	383,486
Mexico - - - - -	60,338	77,632	25,109	15,125
Peoples Rep of China - - -	114	0	0	7
Poland - - - - -	5,198	5,049	2,072	0
Portugal - - - - -	14,108	8,172	5,543	1,600
Romania - - - - -	1,246	2,176	858	36
Republic of South Africa -	124	0	0	0
Korea, Republic of - - - -	234,228	209,663	86,450	39,906
Spain - - - - -	40,855	41,812	14,236	17,089
Trinidad and Tobago - - - -	0	19	0	0
Venezuela - - - - -	18,728	22,121	18,102	5,063
Yugoslavia - - - - -	0	0	0	3
Total - - - - -	2,711,696	2,860,166	885,136	789,573
Other countries:				
Canada - - - - -	463,992	381,804	138,973	137,826
Argentina - - - - -	64,208	92,033	47,751	727
Taiwan - - - - -	22,313	31,494	12,050	6,248
Sweden - - - - -	37,494	39,376	16,196	12,296
New Zealand - - - - -	5,600	11,315	1,500	10,541
Algeria - - - - -	4,076	8,668	5,132	0
Indonesia - - - - -	6,638	7,569	2,960	76
Turkey - - - - -	27,144	6,256	5,865	9
Norway - - - - -	7,955	7,909	1,870	3,247
Pakistan - - - - -	2,221	3,600	2,243	0
All others - - - - -	2,985	3,066	809	932
Total - - - - -	644,626	593,090	235,349	171,902
Grand total - - - - -	3,356,322	3,453,256	1,120,485	961,475

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

Item	1987	1988	January--April	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia - - - - -	117	826	30	36
Austria - - - - -	394	693	85	240
Brazil - - - - -	50,090	96,561	38,138	22,452
Czechoslovakia - - - - -	0	0	0	0
East Germany - - - - -	2	0	0	0
EC countries - - - - -	209,024	222,242	42,301	48,329
Finland - - - - -	2,752	4,081	1,195	1,764
Hungary - - - - -	43	146	0	0
Japan - - - - -	154,408	107,959	42,402	26,769
Mexico - - - - -	31,521	22,813	6,686	2,504
Peoples Rep of China - - -	4,820	3,441	1,472	773
Poland - - - - -	1,037	1,282	332	1,294
Portugal - - - - -	0	2/	0	0
Romania - - - - -	122	29	29	0
Republic of South Africa -	221	0	0	0
Korea, Republic of - - - -	56,173	74,249	35,137	29,734
Spain - - - - -	30,581	38,094	16,745	8,785
Trinidad and Tobago - - - -	18,047	15,404	7,247	9,189
Venezuela - - - - -	13,530	19,962	2,256	3,192
Yugoslavia - - - - -	287	0	0	0
Total - - - - -	573,169	607,782	194,055	155,061
Other countries:				
Canada - - - - -	379,637	429,634	140,233	146,838
Turkey - - - - -	94,882	102,560	28,401	49,711
Indonesia - - - - -	44,957	54,015	0	1,222
Argentina - - - - -	18,954	50,982	9,507	12,504
Norway - - - - -	28,347	36,346	12,092	11,995
Taiwan - - - - -	44,665	32,265	12,658	5,360
Singapore - - - - -	39,869	19,311	0	6,237
India - - - - -	10,014	11,249	3,829	2,545
Sweden - - - - -	7,255	9,099	3,283	1,293
Israel - - - - -	619	5,943	78	42
All others - - - - -	38,800	1,924	398	1,238
Total - - - - -	707,999	753,328	210,479	238,985
Grand total - - - - -	1,281,168	1,361,110	404,534	394,046

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--April	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia - - - - -	92	332	10	11
Austria - - - - -	590	667	131	427
Brazil - - - - -	15,461	29,058	11,072	8,559
Czechoslovakia - - - - -	0	0	0	0
East Germany - - - - -	1	0	0	0
EC countries - - - - -	154,145	116,081	24,035	28,183
Finland - - - - -	1,685	2,705	727	1,294
Hungary - - - - -	14	63	0	0
Japan - - - - -	62,568	49,339	18,298	14,200
Mexico - - - - -	8,595	8,588	2,515	989
Peoples Rep of China -	1,683	1,314	478	272
Poland - - - - -	548	845	230	702
Portugal - - - - -	0	2	0	0
Romania - - - - -	600	103	103	0
Republic of South Africa ----:	71	0	0	0
Korea, Republic of - -	15,094	20,439	8,945	8,620
Spain - - - - -	11,163	17,305	7,100	4,244
Trinidad and Tobago - -	5,496	3,968	1,815	2,975
Venezuela - - - - -	3,187	5,392	760	972
Yugoslavia - - - - -	73	0	0	0
Total - - - - -	281,066	256,201	76,219	71,448
Other countries:				
Canada - - - - -	146,520	186,448	59,846	63,607
Turkey - - - - -	24,960	28,951	7,587	15,255
Indonesia - - - - -	9,076	14,691	0	339
Argentina - - - - -	4,865	16,442	2,684	4,987
Norway - - - - -	5,906	8,963	2,597	3,268
Taiwan - - - - -	11,531	10,022	3,559	1,871
Singapore - - - - -	10,128	5,104	0	2,595
India - - - - -	3,490	3,952	1,404	1,095
Sweden - - - - -	4,732	5,737	1,627	1,148
Israel - - - - -	191	1,616	72	18
All others - - - - -	9,814	1,111	281	473
Total - - - - -	231,213	283,037	79,657	94,656
Grand total - - - - -	512,279	539,238	155,876	166,104

1/ Certain alloy refers to alloy steel other than stainless or tool steel. 19
 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--April	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia - - - - -	9,664	9,551	6,175	6,216
Austria - - - - -	401	601	258	1,111
Brazil - - - - -	50,183	58,383	15,125	24,157
Czechoslovakia - - - - -	10,307	13,661	2,196	0
East Germany - - - - -	12,806	16,306	7,548	4,352
EC countries - - - - -	235,247	248,578	72,283	58,513
Finland - - - - -	2,237	2,237	0	108
Hungary - - - - -	2,862	0	0	0
Japan - - - - -	245,672	276,003	92,326	83,847
Mexico - - - - -	62,826	58,389	16,972	9,440
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	675	249
Spain - - - - -	40,302	37,258	18,242	18,485
Trinidad and Tobago - - - -	43,094	11,312	1,358	0
Venezuela - - - - -	4,471	8,916	5,609	335
Yugoslavia - - - - -	0	0	0	0
Total - - - - -	720,504	754,154	243,128	206,838
Other countries:				
Canada - - - - -	390,071	360,096	140,174	151,531
Turkey - - - - -	61,072	126,791	83,634	0
Indonesia - - - - -	97,932	84,414	23,093	10,705
Singapore - - - - -	60,425	81,904	17,432	10,100
Sweden - - - - -	10,079	18,464	9,533	1,145
Saudi Arabia - - - - -	42,619	17,972	8,823	0
Taiwan - - - - -	15,798	16,843	5,356	8,083
Egypt - - - - -	0	11,114	63	23
Malaysia - - - - -	47,789	2,355	0	0
Israel - - - - -	131	372	0	0
All others - - - - -	2,300	144	2/	22
Total - - - - -	728,216	720,469	288,108	181,609
Grand total - - - - -	1,448,720	1,474,623	531,236	388,447

See footnote(s) at and 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--April	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia - - - - -	1,983	2,103	1,317	1,334
Austria - - - - -	179	248	109	301
Brazil - - - - -	12,145	16,380	4,428	6,593
Czechoslovakia - - - -	2,164	3,234	444	0
East Germany - - - - -	2,585	3,547	1,521	1,060
EC countries - - - - -	84,580	97,970	27,906	22,272
Finland - - - - -	692	741	0	35
Hungary - - - - -	557	0	0	0
Japan - - - - -	103,044	124,039	38,773	39,199
Mexico - - - - -	14,093	15,344	4,122	2,329
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	295	155
Spain - - - - -	11,411	10,435	4,897	5,272
Trinidad and Tobago - -	9,538	3,293	388	0
Venezuela - - - - -	1,014	2,000	1,279	88
Yugoslavia - - - - -	0	0	0	0
Total - - - - -	244,164	282,467	86,371	78,645
Other countries:				
Canada - - - - -	127,412	130,836	48,096	54,627
Turkey - - - - -	13,673	32,337	19,954	0
Indonesia - - - - -	21,082	20,363	4,907	2,893
Singapore - - - - -	14,388	21,983	4,260	2,948
Sweden - - - - -	6,215	9,831	3,798	850
Saudi Arabia - - - - -	8,616	3,719	1,791	0
Taiwan - - - - -	6,199	6,764	2,092	3,617
Egypt - - - - -	0	2,650	14	7
Malaysia - - - - -	11,059	622	0	0
Israel - - - - -	30	106	0	0
All others - - - - -	478	131	1	11
Total - - - - -	209,152	229,342	84,913	64,953
Grand total - - - - -	453,316	511,809	171,284	143,598

1/ Certain alloy refers to alloy steel other than stainless or tool steel. 21

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--April	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia - - - - -	4,963	4,488	1,170	1,486
Austria - - - - -	2,484	1,731	586	602
Brazil - - - - -	10,577	14,128	6,561	5,084
Czechoslovakia - - - -	0	0	0	0
East Germany - - - - -	89	0	0	0
EC countries - - - - -	174,468	168,458	57,807	50,177
Finland - - - - -	400	476	205	52
Hungary - - - - -	57	0	0	0
Japan - - - - -	96,684	78,468	27,467	23,836
Mexico - - - - -	3,991	2,712	564	511
Peoples Rep of China -	7,302	9,720	2,306	2,964
Poland - - - - -	2	116	0	37
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	1,989	2,533
Spain - - - - -	40	22	22	7
Trinidad and Tobago - -	1,435	1,060	629	0
Venezuela - - - - -	7,717	5,996	2,772	830
Yugoslavia - - - - -	42	3	0	0
Total - - - - -	318,664	295,114	102,078	88,119
Other countries:				
Canada - - - - -	194,819	193,243	68,441	68,300
Sweden - - - - -	7,745	7,532	2,472	2,494
Taiwan - - - - -	3,217	4,897	1,680	929
India - - - - -	2,572	4,108	1,649	1,708
Saudi Arabia - - - - -	0	4,000	0	0
Switzerland - - - - -	1,372	2,591	925	854
Argentina - - - - -	1,170	2,491	926	2,279
Chile - - - - -	1,379	2,146	553	655
Ecuador - - - - -	18	1,430	75	812
Norway - - - - -	2,476	1,312	347	255
All others - - - - -	3,464	865	246	434
Total- - - - -	218,232	224,615	77,314	78,720
Grand total - - - - -	536,896	519,729	179,392	166,839

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--April	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia - - - - -	2,329	2,018	546	679
Austria - - - - -	3,613	2,584	960	936
Brazil - - - - -	4,944	6,207	2,732	2,653
Czechoslovakia - - - -	0	0	0	0
East Germany - - - - -	24	0	0	0
EC countries - - - - -	129,054	141,173	47,080	46,069
Finland - - - - -	170	231	91	14
Hungary - - - - -	17	0	0	0
Japan - - - - -	64,973	61,637	20,320	20,482
Mexico - - - - -	1,681	1,320	291	306
Peoples Rep of China -	2,868	4,165	1,052	1,300
Poland - - - - -	3	59	0	18
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	1,156	1,567
Spain - - - - -	33	37	37	52
Trinidad and Tobago - -	448	354	222	0
Venezuela - - - - -	3,802	3,096	1,355	544
Yugoslavia - - - - -	24	9	0	0
Total - - - - -	218,950	227,557	75,842	74,620
Other countries:				
Canada - - - - -	101,960	109,405	37,306	40,485
Sweden - - - - -	10,304	10,678	3,247	3,524
Taiwan - - - - -	1,964	2,903	888	864
India - - - - -	883	1,518	614	638
Saudi Arabia - - - - -	0	810	0	0
Switzerland - - - - -	898	1,525	555	544
Argentina - - - - -	499	1,245	556	1,063
Chile - - - - -	532	946	228	338
Ecuador - - - - -	9	652	38	394
Norway - - - - -	1,427	1,177	301	216
All others - - - - -	1,385	483	125	237
Total - - - - -	119,861	131,342	43,858	48,303
Grand total - - - - -	338,811	358,899	119,700	122,923

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

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--April	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia - - - - -	291	5	z/	0
Austria - - - - -	1,113	956	130	1,448
Brazil - - - - -	10,382	15,018	5,060	4,018
Czechoslovakia - - - - -	0	0	0	0
East Germany - - - - -	0	0	0	0
EC countries - - - - -	34,544	23,220	9,381	25,388
Finland - - - - -	0	1	z/	z/
Hungary - - - - -	0	0	0	0
Japan - - - - -	50,318	23,536	9,767	20,394
Mexico - - - - -	14,577	13,693	4,938	4,342
Peoples Rep of China - - -	36,253	36,866	12,091	11,761
Poland - - - - -	19,213	16,070	5,887	4,582
Portugal - - - - -	683	380	150	171
Romania - - - - -	6,859	143	143	0
Republic of South Africa -	4,340	1,550	1,550	246
Korea, Republic of - - - -	186,794	192,127	65,105	58,025
Spain - - - - -	18,997	14,765	4,488	12,671
Trinidad and Tobago - - ,----	0	94	94	0
Venezuela - - - - -	2,683	1,352	566	4,378
Yugoslavia - - - - -	7,882	7,314	1,802	2,016
Total - - - - -	394,929	347,090	121,152	149,440
Other countries:				
Canada - - - - -	106,028	98,251	33,001	37,863
Turkey - - - - -	37,393	23,631	7,074	3,669
United Arab Emirates - - -	7,787	20,059	6,110	6,165
Indonesia - - - - -	11,116	18,621	4,012	7,219
Argentina - - - - -	12,069	18,002	4,869	6,100
Taiwan - - - - -	37,689	13,715	4,958	5,178
Thailand - - - - -	20,516	8,627	2,056	8,435
Chile - - - - -	10,919	8,459	2,611	1,785
India - - - - -	505	4,571	791	2,649
Saudi Arabia - - - - -	305	3,718	1,971	2,380
All others - - - - -	10,123	7,707	2,153	4,031
Total - - - - -	254,450	225,361	69,606	85,474
Grand total - - - - -	649,379	572,451	190,758	234,914

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--April	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia - - - - -	249	20	4	0
Austria - - - - -	1,973	1,556	289	2,550
Brazil - - - - -	4,592	7,169	2,378	2,262
Czechoslovakia - - - -	0	0	0	0
East Germany - - - - -	0	0	0	0
EC countries - - - - -	27,128	24,443	7,971	55,299
Finland - - - - -	0	96	4	2
Hungary - - - - -	0	0	0	0
Japan - - - - -	46,874	28,992	10,976	39,004
Mexico - - - - -	7,758	8,903	2,931	4,430
Peoples Rep of China -	17,786	14,640	4,795	6,756
Poland - - - - -	7,056	5,403	2,059	1,561
Portugal - - - - -	820	530	208	260
Romania - - - - -	2,424	44	44	0
Republic of South Africa ----:	2,199	792	792	225
Korea, Republic of - -	128,818	138,561	44,074	49,569
Spain - - - - -	11,866	8,752	2,606	13,444
Trinidad and Tobago - -	0	27	27	0
Venezuela - - - - -	498	387	169	1,329
Yugoslavia - - - - -	2,845	3,027	797	844
Total - - - - -	262,886	243,342	80,124	177,535
Other countries:				
Canada - - - - -	73,873	70,198	22,967	31,245
Turkey - - - - -	12,966	8,700	2,387	2,049
United Arab Emirates -	2,582	7,562	2,328	2,425
Indonesia - - - - -	4,341	6,881	1,451	3,423
Argentina - - - - -	5,105	7,943	2,066	3,062
Taiwan - - - - -	24,306	12,448	4,300	5,945
Thailand - - - - -	10,027	5,332	1,483	3,233
Chile - - - - -	4,662	3,991	1,281	979
India - - - - -	263	2,659	412	2,045
Saudi Arabia - - - - -	103	1,239	655	902
All others - - - - -	6,976	6,778	1,878	6,335
Total - - - - -	145,204	133,731	41,208	61,643
Grand total - - - - -	408,090	377,073	121,332	239,178

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--April	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia - - - - -	55	139	35	155
Austria - - - - -	377	1,541	104	242
Brazil - - - - -	11,926	20,210	11,608	5,276
Czechoslovakia - - - - -	0=	0	0	0
East Germany - - - - -	0	0	0	0
EC countries - - - - -	645,485	732,369	214,041	219,494
Finland - - - - -	341	118	101	417
Hungary - - - - -	0	0	0	0
Japan - - - - -	629,977	590,217	184,535	185,373
Mexico - - - - -	17,953	24,912	8,217	4,307
Peoples Rep of China - - -	8	208	0	179
Poland - - - - -	18,559	14,059	7,942	4,315
Portugal - - - - -	122	0	0	•z/
Romania - - - - -	0	19	0	48
Republic of South Africa -	933	143	141	0
Korea, Republic of - - - -	135,070	169,302	69,794	46,033
Spain - - - - -	177,434	171,068	39,370	51,167
Trinidad and Tobago - - - -	0	0	0	11
Venezuela - - - - -	0	z,	0	2
Yugoslavia - - - - -	0	263	0	0
Total - - - - -	1,638,240	1,724,568	535,888	517,019
Other countries:				
Canada - - - - -	398,180	338,187	120,199	92,548
Norway - - - - -	61,316	64,361	32,635	10,492
Argentina - - - - -	17,757	27,523	14,589	12,586
Taiwan - - - - -	17,179	9,020	3,526	2,931
New Zealand - - - - -	9,076	8,242	1,552	2,759
Indonesia - - - - -	0	4,074	0	3,251
Sweden - - - - -	2,170	3,925	870	590
Thailand - - - - -	0	3,278	44	0
Singapore - - - - -	6,702	3,129	1,679	144
Switzerland - - - - -	131	626	473	17
All others - - - - -	2,917	1,534	743	435
Total - - - - -	515,428	463,899	176,310	125,753
Grand total - - - - -	2,153,668	2,188,467	712,198	642,772

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--April	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia - - - - -	54	135	21	533
Austria - - - - -	1,455	1,865	632	757
Brazil - - - - -	4,099	8,055	3,986	2,046
Czechoslovakia - - - - -	0	0	0	0
East Germany - - - - -	0	0	0	0
EC countries - - - - -	222,416	294,725	84,698	87,538
Finland - - - - -	336	248	162	475
Hungary - - - - -	0	0	0	0
Japan - - - - -	189,574	228,010	66,699	74,489
Mexico - - - - -	7,074	11,585	3,394	2,186
Peoples Rep of China - -	71	154	0	132
Poland - - - - -	3,990	3,587	1,949	1,249
Portugal - - - - -	78	0	0	8
Romania - - - - -	0	11	0	21
Republic of South Africa -----	573	694	692	0
Korea, Republic of - - -	59,530	84,018	35,590	18,534
Spain - - - - -	48,816	62,180	11,895	19,395
Trinidad and Tobago - - -	0	0	0	32
Venezuela - - - - -	0	1	0	2
Yugoslavia - - - - -	0	393	0	0
Total - - - - -	538,066	695,661	209,718	207,397
Other countries:				
Canada - - - - -	220,522	201,529	67,189	58,452
Norway - - - - -	15,052	21,943	9,295	3,427
Argentina - - - - -	4,186	7,274	3,902	3,638
Taiwan - - - - -	9,331	5,476	2,377	2,645
New Zealand - - - - -	9,040	8,814	2,471	3,147
Indonesia - - - - -	0	1,173	0	951
Sweden - - - - -	7,243	5,413	2,250	1,610
Thailand - - - - -	0	1,711	17	0
Singapore - - - - -	4,293	2,903	1,203	133
Switzerland - - - - -	818	1,557	817	79
All others - - - - -	6,366	1,349	730	454
Total - - - - -	276,851	259,142	90,251	74,536
Grand total - - - - -	814,917	954,803	299,969	281,933

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/ 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--April	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia - - - - -	30	2	0	1,146
Austria - - - - -	5	703	2/	1,596
Brazil - - - - -	2,440	4,553	890	1,236
Czechoslovakia - - - - -	0	0	0	0
East Germany - - - - -	0	1	0	0
EC countries - - - - -	42,340	51,287	19,467	27,212
Finland - - - - -	2/	3	3	0
Hungary - - - - -	0	4	0	0
Japan - - - - -	84,891	79,347	31,281	42,290
Mexico - - - - -	46	26	0	119
Peoples Rep of China -	45	25	25	127
Poland - - - - -	0	0	0	101
Portugal - - - - -	0	1,071	0	552
Romania - - - - -	0	0	0	0
Republic of South Africa -----	879	∇	2/	0
Korea, Republic of - -	5,803	6,919	4,049	2,998
Spain - - - - -	0	0	0	32
Trinidad and Tobago - -	0	0	0	0
Venezuela - - - - -	344	77	0	0
Yugoslavia - - - - -	0	0	0	0
Total - - - - -	136,823	144,018	55,715	77,409
Other countries:				
Canada - - - - -	101,439	172,077	45,773	53,407
Sweden - - - - -	7,424	3,064	2,531	239
Gabon - - - - -	0	128	0	0
Taiwan - - - - -	168	128	28	189
Argentina - - - - -	6	6	0	0
India - - - - -	0	6	0	0
Philippines - - - - -	0	6	6	0
Honduras - - - - -	0	2/	0	4
Norway - - - - -	0	∇	0	0
Colombia - - - - -	0	0	0	26
All others - - - - -	127	0	0	43
Total - - - - -	109,164	175,415	48,338	53,908
Grand total - - - - -	245,987	319,433	104,053	131,317

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--April	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia - - - - -	15	7	0	1,468
Austria - - - - -	37	299	3	1,153
Brazil - - - - -	2,016	3,751	748	1,015
Czechoslovakia - - - -	0	0	0	0
East Germany - - - - -	0	5	0	0
EC countries - - - - -	17,563	24,466	8,678	12,711
Finland - - - - -	5	14	14	0
Hungary - - - - -	0	25	0	0
Japan - - - - -	34,066	38,835	13,916	22,015
Mexico - - - - -	14	37	0	140
Peoples Rep of China -	32	9	9	63
Poland - - - - -	0	0	0	48
Portugal - - - - -	0	748	0	461
Romania - - - - -	0	0	0	0
Republic of South Africa -----:	563	1	1	0
Korea, Republic of - -	1,863	2,580	1,349	1,621
Spain - - - - -	0	0	0	136
Trinidad and Tobago - -	0	0	0	0
Venezuela - - - - -	70	24	0	0
Yugoslavia - - - - -	0	0	0	0
Total - - - - -	56,244	70,801	24,718	40,831
Other countries:				
Canada - - - - -	20,479	50,140	15,162	23,726
Sweden - - - - -	2,553	1,001	748	187
Gabon - - - - -	0	67	0	0
Taiwan - - - - -	302	294	59	337
Argentina - - - - -	24	17	0	0
India - - - - -	0	16	0	0
Philippines - - - - -	0	28	28	0
Honduras - - - - -	0	2	0	2
Norway - - - - -	0	3	0	0
All others - - - - -	284	0	0	145
Total - - - - -	23,642	51,568	15,997	24,397
Grand total - - - - -	79,886	122,369	40,715	65,228

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

Z/ Less than 0.5 short ton.

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

Item	1987	1988	January--April	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia - - - - -	11,869	12,375	4,708	3,703
Austria - - - - -	19,766	26,408	10,489	2,188
Brazil - - - - -	75,669	87,724	27,507	28,237
Czechoslovakia - - - - -	6,660	7,164	2,698	745
East Germany - - - - -	5,909	7,828	3,473	3,309
EC countries - - - - -	383,341	458,471	171,795	140,071
Finland - - - - -	5,968	12,755	4,467	5,335
Hungary - - - - -	0	585	585	1,072
Japan - - - - -	542,452	790,770	285,037	143,962
Mexico - - - - -	137,761	131,349	45,697	32,793
Peoples Rep of China - - - - -	2,056	18,422	6,913	48
Poland - - - - -	7,267	8,048	4,855	1,326
Portugal - - - - -	410	0	0	0
Romania - - - - -	22,488	27,284	10,190	0
Republic of South Africa - - - - -	40	0	0	0
Korea, Republic of - - - - -	331,525	496,059	194,514	127,418
Spain - - - - -	32,753	29,637	11,751	25,844
Trinidad and Tobago - - - - -	0	0	0	0
Venezuela - - - - -	38,840	19,510	10,093	4,840
Yugoslavia - - - - -	7,183	3,732	0	0
Total - - - - -	1,631,957	2,138,121	794,772	520,891
Other countries:				
Canada - - - - -	514,456	436,372	162,995	160,378
Thailand - - - - -	93,717	148,259	61,724	23,681
Argentina - - - - -	100,108	148,192	41,002	14,396
Taiwan - - - - -	79,176	88,055	34,887	24,064
Singapore - - - - -	37,408	47,545	15,643	10,104
India - - - - -	10,848	44,486	15,234	10,153
Turkey - - - - -	140,786	32,001	17,476	10,928
Sweden - - - - -	30,146	26,842	9,332	6,501
Malaysia - - - - -	13,285	22,879	9,823	1,315
Chile - - - - -	2,077	22,048	4,759	2,080
All others - - - - -	94,680	95,139	38,441	17,141
Total - - - - -	1,116,687	1,111,818	411,316	280,741
Grand total - - - - -	2,748,644	3,249,939	1,206,088	801,632

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--April	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia - - - - -	4,265	4,959	1,849	1,668
Austria - - - - -	11,963	23,494	8,841	2,338
Brazil - - - - -	32,186	41,170	12,338	14,638
Czechoslovakia - - - -	2,057	3,472	1,102	424
East Germany - - - - -	1,862	4,115	1,207	1,391
EC countries - - - - -	197,587	322,171	109,515	96,358
Finland - - - - -	1,915	5,624	1,890	2,544
Hungary - - - - -	0	266	266	458
Japan - - - - -	295,849	597,887	200,093	115,749
Mexico - - - - -	57,935	71,872	24,250	18,098
Peoples Rep of China -	895	7,066	2,389	32
Poland - - - - -	2,219	3,115	1,778	-561
Portugal - - - - -	157	0	0	0
Romania - - - - -	7,377	11,018	3,866	0
Republic of South Africa -----	15	0	0	0
Korea, Republic of - -	137,101	239,742	88,255	63,100
Spain - - - - -	16,510	23,994	8,207	14,624
Trinidad and Tobago - -	0	0	0	0
Venezuela - - - - -	13,066	7,535	3,546	2,012
Yugoslavia - - - - -	2,462	2,036	0	0
Total - - - - -	785,421	1,369,536	469,392	333,995
Other countries:				
Canada - - - - -	254,194	266,692	95,821	97,885
Thailand - - - - -	32,613	58,119	23,321	10,290
Argentina - - - - -	38,060	76,641	19,117	7,454
Taiwan - - - - -	28,607	39,591	14,385	11,662
Singapore - - - - -	13,763	19,833	5,974	5,077
India - - - - -	4,059	20,173	6,228	4,537
Turkey - - - - -	43,271	14,568	7,295	4,402
Sweden - - - - -	21,798	23,510	8,142	6,675
Malaysia - - - - -	4,615	9,314	3,742	568
Chile - - - - -	829	9,500	2,049	1,006
All others - - - - -	35,348	41,391	15,233	7,552
Total - - - - -	477,157	579,332	201,307	157,108
Grand total - - - - -	1,262,578	1,948,868	670,699	491,103

1/ Certain alloy refers to alloy steel other than stainless or tool steel.31

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--April	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia - - - - -	155,092	282,061	104,544	122,171
Austria - - - - -	116,298	134,200	32,053	12,861
Brazil - - - - -	1,135,516	1,468,033	460,339	537,093
Czechoslovakia - - - -	29,792	37,280	8,312	745
East Germany - - - - -	95,910	92,234	35,237	20,926
EC countries - - - - -	5,228,372	5,666,561	1,651,102	1,397,194
Finland - - - - -	166,202	204,209	60,617	65,772
Hungary - - - - -	27,064	30,094	8,602	7,820
Japan - - - - -	4,311,383	4,277,647	1,436,710	1,246,906
Mexico - - - - -	471,462	478,207	168,613	87,585
Peoples Rep of China -	51,081	68,735	22,832	15,901
Poland - - - - -	91,561	89,325	40,270	23,699
Portugal - - - - -	31,087	22,739	11,521	3,725
Romania - - - - -	82,408	102,530	40,456	4,742
Republic of South Africa -----	30,015	1,693	1,691	246
Korea, Republic of - - -	1,419,183	1,560,497	594,341	412,742
Spain - - - - -	500,796	458,584	166,613	174,045
Trinidad and Tobago - - -	62,575	31,380	9,329	9,200
Venezuela - - - - -	170,571	169,376	96,910	28,631
Yugoslavia - - - - -	15,394	12,734	1,802	2,021
Total - - - - -	14,191,762	15,188,119	4,951,894	4,174,025
Other countries:				
Canada - - - - -	3,763,701	3,373,766	1,207,812	1,116,564
Argentina - - - - -	346,313	557,969	238,147	49,983
Sweden - - - - -	566,885	522,294	250,068	87,101
Turkey - - - - -	407,413	307,985	158,556	64,518
Indonesia - - - - -	235,573	281,142	88,666	27,261
Taiwan - - - - -	257,931	243,886	93,887	61,147
Norway - - - - -	154,194	181,502	65,828	33,455
Thailand - - - - -	120,179	160,176	63,837	32,116
Singapore - - - - -	144,538	153,163	35,808	26,633
India - - - - -	60,231	99,714	24,646	41,340
All others - - - - -	350,185	441,075	143,349	66,481
Total - - - - -	6,407,143	6,322,672	2,370,604	1,606,599
Grand total - - - - -	20,598,905	21,510,791	7,322,498	5,780,624

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--April	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia - - - - -	70,279	118,320	41,821	48,201
Austria - - - - -	49,477	70,268	18,826	11,193
Brazil - - - - -	318,756	451,458	132,686	174,523
Czechoslovakia - - - - -	7,156	11,986	2,448	424
East Germany - - - - -	25,328	31,334	10,561	7,100
EC countries - - - - -	2,044,943	2,497,803	696,978	698,254
Finland - - - - -	51,574	81,482	23,168	26,619
Hungary - - - - -	6,191	8,600	2,207	2,607
Japan - - - - -	2,045,689	2,386,680	775,066	726,267
Mexico - - - - -	172,255	220,745	71,949	46,774
Peoples Rep of China - - -	23,479	27,385	8,731	8,577
Poland - - - - -	26,671	29,711	12,352	8,265
Portugal - - - - -	15,163	10,575	5,751	2,329
Romania - - - - -	25,093	36,033	14,046	1,776
Republic of South Africa -	7,322	1,487	1,485	225
Korea, Republic of - - - -	608,066	743,129	274,506	197,011
Spain - - - - -	167,216	193,629	61,665	81,916
Trinidad and Tobago - - - -	15,482	8,400	2,452	3,006
Venezuela - - - - -	48,835	53,667	30,841	10,921
Yugoslavia - - - - -	5,404	5,925	797	846
Total - - - - -	5,734,379	6,988,617	2,188,336	2,056,834
Other countries:				
Canada - - - - -	1,591,881	1,593,962	553,500	559,814
Argentina - - - - -	122,372	221,780	87,817	21,034
Sweden - - - - -	207,367	221,486	93,284	51,260
Turkey - - - - -	123,568	93,038	45,274	21,804
Indonesia - - - - -	56,949	81,687	24,752	10,136
Taiwan - - - - -	104,597	109,041	39,731	33,190
Norway - - - - -	39,717	55,371	17,831	11,613
Thailand - - - - -	43,817	65,167	24,826	13,523
Singapore - - - - -	42,953	50,360	11,840	10,818
India - - - - -	22,038	42,731	9,593	15,476
All others - - - - -	123,858	163,352	57,274	32,580
Total - - - - -	2,479,117	2,697,975	965,722	781,248
Grand total - - - - -	8,213,496	9,686,592	3,154,058	2,838,082

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

33

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--April	
			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	1,721	900
Finland - - - - -	0	0	0	0
Hungary - - - - -	0	0	0	0
Japan - - - - -	3,605	1,935	1,017	264
Mexico - - - - -	0	0	0	0
Peoples Rep of China - -	0	0	0	0
Poland - - - - -	0	74	0	267
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	6,737
Trinidad and Tobago - -	0	0	0	0
Venezuela - - - - -	0	0	0	0
Yugoslavia - - - - -	0	0	0	0
Total - - - - -	23,674	14,389	3,099	8,168
Other countries:				
Canada - - - - -	25,200	33,527	8,892	14,374
Sweden - - - - -	7,849	14,491	4,538	2,925
Taiwan - - - - -	0	0	0	1/
Total - - - - -	33,049	48,018	13,430	17,299
Grand total - - - - -	56,723	62,407	16,529	25,467

See footnote(s) at end of table.

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--April	
			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	2,527	632
Finland - - - - -	0	0	0	0
Hungary - - - - -	0	0	0	0
Japan - - - - -	3,581	2,906	1,408	507
Mexico - - - - -	0	0	0	0
Peoples Rep of China - - - - -	0	0	0	0
Poland - - - - -	0	102	0	473
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	4,754
Trinidad and Tobago - - - - -	0	0	0	0
Venezuela - - - - -	0	0	0	0
Yugoslavia - - - - -	0	0	0	0
Total - - - - -	13,469	16,904	5,841	6,366
Other countries:				
Canada - - - - -	25,133	52,871	10,347	27,425
Sweden - - - - -	7,692	23,240	5,327	6,611
Hong Kong - - - - -	0	0	0	2
Taiwan - - - - -	0	0	0	7
Total - - - - -	32,825	76,111	15,674	34,045
Grand total - - - - -	46,294	93,015	21,515	40,411

1/ Less than 0.5 short ton.

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--April	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia - - - - -	0	0	0	0
Austria - - - - -	96	249	33	86
Brazil .	36	0	0	0
Czechoslovakia - - - -	0	0	0	0
East Germany - - - - -	0	0	0	0
EC countries - - - - -	5,278	7,364	2,373	4,541
Finland - - - - -	2,369	2,730	1,070	619
Hungary - - - - -	0	0	0	0
Japan - - - - -	1,558	2,225	478	410
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	3,954	5,660
Other countries:				
Sweden - - - - -	1,744	2,779	474	670
Canada - - - - -	34	371	72	136
Anguilla - - - - -	0	5	0	0
Total - - - - -	1,778	3,155	546	806
Grand total - - - - -	11,117	15,848	4,500	6,466

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--April	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia - - - - -	0	0	0	0
Austria - - - - -	366	953	138	426
Brazil - - - - -	56	0	0	0
Czechoslovakia - - - -	0	0	0	0
East Germany - - - - -	0	0	0	0
EC countries - - - - -	9,256	15,635	4,094	13,449
Finland - - - - -	3,590	6,147	2,007	1,946
Hungary - - - - -	0	0	0	0
Japan - - - - -	2,339	4,514	780	1,145
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	7,019	16,969
Other countries:				
Sweden - - - - -	3,986	6,775	1,220	2,052
Canada - - - - -	33	889	119	346
Anguilla • - - - - -	0	9	0	0
Total - - - - -	4,019	7,673	1,339	2,398
Grand total - - - - -	19,628	34,972	8,358	19,367

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--April	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia	0	0	0	0
Austria	52	29	3	8
Brazil	550	313	216	0
Czechoslovakia	0	0	0	0
East Germany	0	0	0	0
EC countries	41,504	46,605	14,532	15,322
Finland	6,296	6,045	1,775	723
Hungary	0	0	0	0
Japan	25,733	22,393	7,890	13,170
Mexico	18,819	8,814	3,848	3,617
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	2,915	1,964
Spain	13,700	14,153	3,899	3,821
Trinidad and Tobago	0	0	0	0
Venezuela	0	5	0	0
Yugoslavia	0	0	0	0
Total	116,125	106,202	35,078	38,625
Other countries:				
Sweden	7,493	8,433	3,082	2,625
Canada	4,892	3,838	1,441	1,235
India	341	90	23	0
Honduras	0	19	0	0
Peru	0	2	0	0
Antigua	1	0	0	0
Norway	37	0	0	0
Turkey	0	0	0	7
Jordan	19	0	0	0
Hong Kong	41	0	0	0
All others	345	0	0	0
Total	13,169	12,382	4,546	3,860
Grand total	129,294	118,584	39,624	42,485

See footnote(s) at end of table.

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--April	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia - - - - -	0	0	0	0
Austria - - - - -	202	136	9	41
Brazil - - - - -	675	480	312	0
Czechoslovakia - - - - -	0	0	0	0
East Germany - - - - -	0	0	0	0
EC countries - - - - -	65,434	91,017	24,249	33,675
Finland - - - - -	9,834	13,459	3,209	2,136
Hungary - - - - -	0	0	0	0
Japan - - - - -	43,684	50,112	15,143	27,308
Mexico - - - - -	30,157	16,454	5,977	8,491
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	4,957	5,118
Spain - - - - -	20,342	31,308	6,356	8,584
Trinidad and Tobago - - -	0	0	0	0
Venezuela - - - - -	0	21	0	0
Yugoslavia - - - - -	0	0	0	0
Total - - - - -	184,816	220,330	60,212	85,353
Other countries:				
Sweden - - - - -	17,785	24,684	7,260	8,499
Canada - - - - -	8,019	9,552	3,042	3,890
India - - - - -	492	172	50	0
Honduras - - - - -	0	35	0	0
Peru - - - - -	0	26	0	0
Antigua - - - - -	11	0	0	0
Norway - - - - -	16	0	0	0
Turkey - - - - -	0	0	0	3
All others - - - - -	560	0	0	0
Total - - - - -	26,883	34,469	10,352	12,392
Grand total - - - - -	211,699	254,799	70,564	97,745

1/ Less than 0.5 short ton.

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--April	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia - - - - -	0	0	0	0
Austria - - - - -	94	183	56	56
Brazil - - - - -	1,450	3,827	1,352	1,714
Czechoslovakia - - - - -	0	0	0	0
East Germany - - - - -	0	0	0	0
EC countries - - - - -	5,899	8,421	3,254	2,025
Finland - - - - -	0	0	0	0
Hungary - - - - -	0	0	0	0
Japan - - - - -	19,259	16,715	5,305	3,956
Mexico - - - - -	0	49	49	0
Peoples Rep of China - - -	4	2	2	0
Poland - - - - -	0	0	0	0
Portugal - - - - -	0	0	0	0
Romania - - - - -	0	18	18	0
Republic of South Africa ----:	0	0	0	0
Korea, Republic of - - -	2,582	1,604	443	1,062
Spain - - - - -	3,826	4,285	1,123	967
Trinidad and Tobago - - -	0	0	0	0
Venezuela - - - - -	0	0	0	0
Yugoslavia - - - - -	0	0	0	0
Total - - - - -	33,114	35,104	11,602	9,780
Other countries:				
Sweden - - - - -	3,200	3,708	1,578	533
Canada - - - - -	1,269	1,641	576	217
India - - - - -	126	224	67	42
Taiwan - - - - -	59	49	6	8
Hong Kong - - - - -	0	1/	0	0
Switzerland - - - - -	66	1/	1/	1/
Argentina - - - - -	111	0	0	49
Bulgaria - - - - -	46	0	0	0
Indonesia - - - - -	0	0	0	2
Total - - - - -	4,877	5,622	2,227	851
Grand total - - - - -	37,991	40,726	13,829	10,631

See footnoteCs) 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--April	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia - - - - -	0	0	0	0
Austria - - - - -	257	412	137	147
Brazil - - - - -	2,503	5,743	2,268	4,035
Czechoslovakia - - - - -	0	0	0	0
East Germany - - - - -	0	0	0	0
EC countries - - - - -	11,437	19,765	6,323	5,573
Finland - - - - -	0	0	0	0
Hungary - - - - -	0	0	0	0
Japan - - - - -	36,707	40,671	10,660	12,342
Mexico - - - - -	0	163	163	0
Peoples Rep of China - - -	75	40	40	0
Poland - - - - -	0	0	0	0
Portugal - - - - -	0	0	0	0
Romania - - - - -	0	30	30	0
Republic of South Africa ----:	0	0	0	0
Korea, Republic of - - - -	4,294	3,389	705	3,027
Spain - - - - -	6,889	10,122	2,209	2,829
Trinidad and Tobago - - - -	0	0	0	0
Venezuela - - - - -	0	0	0	0
Yugoslavia - - - - -	0	0	0	0
Total - - - - -	62,162	80,335	22,535	27,953
Other countries:				
Sweden - - - - -	6,180	8,981	3,218	1,810
Canada - - - - -	2,136	3,608	1,026	819
India - - - - -	199	420	105	92
Taiwan - - - - -	108	162	17	4
Hong Kong - - - - -	0	3	0	0
Switzerland - - - - -	129	1	1	1
Argentina - - - - -	201	0	0	87
Bulgaria - - - - -	70	0	0	0
Indonesia - - - - -	0	0	0	53
Total - - - - -	9,023	13,175	4,367	2,866
Grand total - - - - -	71,185	93,510	26,902	30,819

1/ Less than 0.5 short ton.

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

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

Item	1987	1988	January--April	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia	0	0	0	0
Austria	0	49	0	0
Brazil	874	964	274	0
Czechoslovakia	0	0	0	0
East Germany	0	0	0	0
EC countries	5,482	6,898	2,119	2,834
Finland	0	0	0	0
Hungary	0	0	0	0
Japan	5,544	5,483	1,653	1,819
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	217	55
Spain	1,542	1,979	630	768
Trinidad and Tobago	0	138	0	0
Venezuela	0	0	0	0
Yugoslavia	0	17	17	0
Total	14,310	15,903	4,910	5,476
Other countries:				
Sweden	3,955	3,159	1,275	1,177
Taiwan	47	148	22	0
Canada	0	1/	0	56
Total	4,002	3,307	1,297	1,233
Grand total	18,312	19,210	6,207	6,709

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--April	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia - - - - -	0	0	0	0
Austria - - - - -	0	68	0	0
Brazil - - - - -	1,224	1,543	374	0
Czechoslovakia - - - - -	0	0	0	0
East Germany - - - - -	0	0	0	0
EC countries - - - - -	11,089	17,917	4,466	9,171
Finland - - - - -	0	0	0	0
Hungary - - - - -	0	0	0	0
Japan - - - - -	8,927	11,611	2,779	4,871
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	305	143
Spain - - - - -	2,539	5,122	1,539	2,309
Trinidad and Tobago - - - - -	0	202	0	0
Venezuela - - - - -	0	0	0	0
Yugoslavia - - - - -	0	22	22	0
Total - - - - -	24,929	37,037	9,485	16,494
Other countries:				
Sweden - - - - -	6,995	7,916	2,405	3,969
Taiwan - - - - -	72	328	46	0
Canada - - - - -	0	2	0	164
Total - - - - -	7,067	8,246	2,451	4,133
Grand total - - - - -	31,996	45,283	11,936	20,627

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--April	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia - - - - -	1/	1/	1/	1/
Austria - - - - -	37	25	2	6
Brazil - - - - -	188	156	44	217
Czechoslovakia - - - -	0	0	0	0
East Germany - - - - -	0	0	0	0
EC countries - - - - -	6,763	7,713	2,465	2,702
Finland - - - - -	0	0	0	7
Hungary - - - - -	0	0	0	0
Japan - - - - -	4,254	4,719	1,263	1,837
Mexico - - - - -	0	1	1	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	278	313
Spain - - - - -	621	388	51	334
Trinidad and Tobago - -	0	0	0	0
Venezuela - - - - -	0	3	0	0
Yugoslavia - - - - -	0	0	0	0
Total - - - - -	12,818	13,991	4,104	5,416
Other countries:				
Sweden - - - - -	2,555	2,685	874	1,074
Canada - - - - -	2,043	2,277	826	747
Taiwan - - - - -	1,462	1,221	302	454
Switzerland - - - - -	47	268	110	155
India - - - - -	77	209	28	360
Singapore - - - - -	0	1/	0	0
Israel - - - - -	65	0	0	0
Hong Kong - - - - -	0	0	0	1/
New Zealand - - - - -	15	0	0	0
Total - - - - -	6,264	6,660	2,140	2,790
Grand total - - - - -	19,082	20,651	6,244	8,206

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--April	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia - - - - -	64	39	16	25
Austria - - - - -	172	117	12	33
Brazil - - - - -	282	304	61	554
Czechoslovakia - - - - -	0	0	0	0
East Germany - - - - -	0	0	0	0
EC countries - - - - -	17,601	23,826	7,024	10,585
Finland - - - - -	0	0	0	58
Hungary - - - - -	0	0	0	0
Japan - - - - -	13,957	18,705	4,843	7,412
Mexico - - - - -	0	6	6	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	739	1,170
Spain - - - - -	1,280	1,096	107	1,084
Trinidad and Tobago - - -	0	0	0	0
Venezuela - - - - -	0	11	0	0
Yugoslavia - - - - -	0	0	0	0
Total - - - - -	35,612	47,148	12,808	20,921
Other countries:				
Sweden - - - - -	10,548	12,922	3,727	5,807
Canada - - - - -	6,960	9,650	3,128	3,948
Taiwan - - - - -	3,797	3,824	829	1,538
Switzerland - - - - -	170	1,254	422	700
India - - - - -	159	414	45	817
Singapore - - - - -	0	5	0	0
Israel - - - - -	85	0	0	0
All others--- - - - -	49	0	0	4
Total - - - - -	21,768	28,069	8,151	12,814
Grand total - - - - -	57,380	75,217	20,959	33,735

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--April	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia - - - - -	0	23	1	0
Austria - - - - -	395	756	242	304
Brazil - - - - -	0	0	0	0
Czechoslovakia - - - - -	0	0	0	0
East Germany - - - - -	0	0	0	0
EC countries - - - - -	4,430	6,694	2,476	4,091
Finland - - - - -	0	1/	0	0
Hungary - - - - -	0	0	0	0
Japan - - - - -	7,208	8,365	3,598	3,302
Mexico - - - - -	781	950	201	163
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	1/
Korea, Republic of - - -	517	392	168	175
Spain - - - - -	88	388	123	473
Trinidad and Tobago - - -	0	0	0	0
Venezuela - - - - -	0	0	0	0
Yugoslavia - - - - -	0	0	0	0
Total - - - - -	13,419	17,568	6,809	8,512
Other countries:				
Canada - - - - -	5,432	6,925	2,793	2,668
Taiwan - - - - -	3,571	6,809	2,495	849
Sweden - - - - -	4,016	5,253	1,731	1,448
Thailand - - - - -	0	188	26	151
India - - - - -	0	4	0	5
Israel - - - - -	1/	4	1/	1/
Switzerland - - - - -	2	1	1/	5
New Zealand - - - - -	0	1/	0	0
Norway - - - - -	1/	0	0	1/
Malaysia - - - - -	1/	0	0	4
All others - - - - -	6	0	0	0
Total - - - - -	13,027	19,184	7,045	5,130
Grand total - - - - -	26,446	36,752	13,854	13,642

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--April	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia - - - - -	0	135	7	0
Austria - - - - -	1,637	4,157	1,034	2,388
Brazil - - - - -	0	0	0	0
Czechoslovakia - - - - -	0	0	0	0
East Germany - - - - -	0	0	0	0
EC countries - - - - -	14,405	25,735	8,122	18,745
Finland - - - - -	0	1	0	0
Hungary - - - - -	0	0	0	0
Japan - - - - -	22,587	31,923	12,226	17,482
Mexico - - - - -	1,654	2,891	468	502
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	4
Korea, Republic of - - - - -	1,412	1,255	516	484
Spain - - - - -	282	1,726	436	2,122
Trinidad and Tobago - - - - -	0	0	0	0
Venezuela - - - - -	0	0	0	0
Yugoslavia - - - - -	0	0	0	0
Total - - - - -	41,977	67,823	22,809	41,739
Other countries:				
Canada - - - - -	17,196	24,048	8,543	11,958
Taiwan - - - - -	9,190	21,308	6,170	3,436
Sweden - - - - -	12,414	22,285	6,200	7,985
Thailand - - - - -	0	458	55	316
India - - - - -	0	17	0	20
Israel - - - - -	49	77	11	2
Switzerland - - - - -	168	177	90	82
New Zealand - - - - -	0	2	0	0
All others - - - - -	25	0	0	16
Total - - - - -	39,042	68,372	21,069	23,815
Grand total - - - - -	81,019	136,195	43,878	65,554

Less than 0.5 short ton.

Source: Compiled from official statistics of the U.S. Department of Commerce '7.

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--April	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia - - - - -	19	0	0	18
Austria - - - - -	2,693	2,538	1,220	886
Brazil - - - - -	997	1,920	867	1,004
Czechoslovakia - - - - -	0	21	2	0
East Germany - - - - -	0	4	0	0
EC countries - - - - -	10,302	12,795	4,706	10,468
Finland - - - - -	22	5	0	0
Hungary - - - - -	0	0	0	67
Japan - - - - -	6,077	4,416	1,549	5,879
Mexico - - - - -	139	346	204	88
Peoples Rep of China -	1/	103	0	0
Poland - - - - -	304	249	40	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	201	494
Spain - - - - -	47	30	5	0
Trinidad and Tobago - -	0	0	0	0
Venezuela - - - - -	0	0	0	0
Yugoslavia - - - - -	0	0	0	0
Total - - - - -	21,988	23,206	8,794	18,964
Other countries:				
Sweden - - - - -	11,669	12,254	4,997	8,940
Canada - - - - -	6,868	8,573	3,225	3,897
Argentina - - - - -	70	42	42	108
India - - - - -	0	19	0	1/
Switzerland - - - - -	1/	1/	0	0
Malaysia - - - - -	2	0	0	0
Taiwan - - - - -	1/	0	0	0
Total - - - - -	18,609	20,888	8,264	12,945
Grand total - - - - -	40,597	44,094	17,058	31,909

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--April	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia - - - - -	31	0	0	41
Austria - - - - -	5,895	6,561	3,003	2,226
Brazil - - - - -	1,349	3,560	1,592	1,640
Czechoslovakia - - - - -	0	33	12	0
East Germany - - - - -	0	6	0	0
EC countries - - - - -	18,504	23,173	8,785	13,847
Finland - - - - -	37	15	0	0
Hungary - - - - -	0	0	0	30
Japan - - - - -	12,370	14,883	5,443	7,468
Mexico - - - - -	142	434	254	122
Peoples Rep of China - -	4	149	0	0
Poland - - - - -	454	468	62	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	312	602
Spain - - - - -	54	40	24	0
Trinidad and Tobago - - -	0	0	0	0
Venezuela - - - - -	0	0	0	0
Yugoslavia - - - - -	0	0	0	0
Total - - - - -	40,937	50,625	19,487	26,091
Other countries:				
Sweden - - - - -	28,049	30,589	11,578	14,760
Canada - - - - -	9,342	12,019	4,314	4,848
Argentina - - - - -	122	65	65	88
India - - - - -	0	16	0	4
Switzerland - - - - -	2	2	0	0
Malaysia - - - - -	1	0	0	0
Taiwan - - - - -	1	0	0	0
Total - - - - -	37,517	42,691	15,957	19,700
Grand total - - - - -	78,454	93,316	35,444	45,791

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--April	
			1988	1989
Quantity (short tons)				
VRA countries:				
Australia - - - - -	20	24	1	19
Austria - - - - -	3,368	3,901	1,557	1,346
Brazil - - - - -	17,456	8,863	2,752	2,935
Czechoslovakia - - - -	0	21	2	0
East Germany - - - - -	0	4	0	0
EC countries - - - - -	85,998	100,430	33,647	42,883
Finland - - - - -	8,687	8,780	2,845	1,350
Hungary - - - - -	0	0	0	67
Japan - - - - -	73,238	66,251	22,753	30,637
Mexico - - - - -	19,741	10,160	4,304	3,872
Peoples Rep of China -	26	106	2	4
Poland - - - - -	375	323	40	327
Portugal - - - - -	0	0	0	0
Romania - - - - -	0	18	18	0
Republic of South Africa -----:	0	0	0	1/
Korea, Republic of - -	15,689	12,105	4,223	4,064
Spain - - - - -	20,193	27,906	6,192	13,101
Trinidad and Tobago - -	0	138	0	0
Venezuela - - - - -	0	7	0	0
Yugoslavia - - - - -	0	17	17	0
Total - - - - -	244,791	239,054	78,353	100,605
Other countries:				
Canada - - - - -	45,739	57,153	17,825	23,330
Sweden - - - - -	42,482	52,761	18,550	19,393
Taiwan - - - - -	5,484	8,227	2,825	1,311
India - - - - -	544	546	118	408
Switzerland - - - - -	116	270	110	160
Thailand - - - - -	0	188	26	151
Argentina - - - - -	181	42	42	157
Honduras - - - - -	0	19	0	0
Anguilla - - - - -	0	5	0	0
Israel - - - - -	65	4	1/	1/
All others - - - - -	167	4	0	7
Total - - - - -	94,778	119,219	39,496	44,917
Grand total - - - - -	339,569	358,273	117,849	145,522

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--April	
			1988	1989
Value (thousand dollars)				
VRA countries:				
Australia - - - - -	95	174	22	66
Austria - - - - -	8,529	12,639	4,334	5,261
Brazil - - - - -	9,993	12,173	4,607	6,229
Czechoslovakia - - - - -	0	33	12	0
East Germany - - - - -	0	6	0	0
EC countries - - - - -	152,144	223,422	65,591	105,677
Finland - - - - -	13,461	19,623	5,216	4,139
Hungary - - - - -	0	0	0	30
Japan - - - - -	144,150	175,325	53,282	78,535
Mexico - - - - -	31,955	19,948	6,868	9,118
Peoples Rep of China - -	108	189	40	12
Poland - - - - -	470	570	62	587
Portugal - - - - -	0	0	0	0
Romania - - - - -	0	30	30	0
Republic of South Africa ----:	0	0	0	4
Korea, Republic of - - -	25,652	26,936	7,533	10,543
Spain - - - - -	32,952	56,181	12,577	21,681
Trinidad and Tobago - - -	0	202	0	0
Venezuela - - - - -	0	32	0	0
Yugoslavia - - - - -	0	22	22	0
Total - - - - -	419,509	547,505	160,196	241,882
Other countries:				
Canada - - - - -	68,819	112,639	30,518	53,397
Sweden - - - - -	93,649	137,391	40,934	51,493
Taiwan - - - - -	13,631	25,622	7,062	4,986
India - - - - -	851	1,039	200	932
Switzerland - - - - -	469	1,434	512	783
Thailand - - - - -	0	458	55	316
Argentina - - - - -	323	65	65	176
Honduras - - - - -	0	35	0	0
Anguilla - - - - -	0	9	0	0
Israel - - - - -	134	77	11	2
All others - - - - -	269	35	0	78
Total - - - - -	178,145	278,804	79,357	112,163
Grand total - - - - -	597,654	826,309	239,553	354,045

1/ Less than 0.5 short tons

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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	January-April			
	1987	1988	1988	1989
Quantity (short tons)				
Carbon and certain alloy ./ steel:				
Semifinished 2/				
Ingots - - - - -	103,967	103,282	18,787	14,018
Blooms and billets - - - - -	426,208	581,907	202,303	224,677
Slabs and sheet bars - - - - -	1,702,095	2,097,383	744,264	444,305
Total - - - - -	2,232,270	2,782,572	965,355	683,000
Plate:				
Carbon - - - - -	1,450,898	1,750,917	577,153	431,791
Alloy - - - - -	104,678	106,172	36,306	34,310
Total - - - - -	1,555,577	1,857,090	613,459	466,101
Sheet and strip				
Hot rolled:				
Sheet - - - - -	2,123,804	2,199,268	675,845	524,351
Strip - - - - -	43,197	49,553	14,172	36,626
Cold rolled:				
Black plate - - - - -	159,779	145,166	43,892	47,285
Electrical - - - - -	64,822	64,684	19,924	30,785
Other sheet - - - - -	2,156,348	2,011,242	691,060	478,051
Other strip - - - - -	135,227	126,534	49,097	40,147
Galvanized - - - - -	2,306,233	1,948,811	720,754	486,796
Tin plate - - - - -	332,306	294,552	91,056	109,207
Tin free - - - - -	101,172	97,460	27,557	36,694
Other coated - - - - -	323,709	248,111	82,068	81,612
Total - - - - -	7,746,596	7,185,380	2,415,424	1,871,555
Bar:				
Hot rolled:				
Carbon - - - - -	443,037	476,951	130,770	137,179
Alloy - - - - -	160,811	186,902	67,255	52,031
Cold rolled:				
Carbon - - - - -	152,283	161,345	57,007	45,084
Alloy - - - - -	40,927	52,093	15,994	17,505
Reinforcing - - - - -	351,632	357,253	90,548	103,907
Light structural shapes - - - - -	132,477	126,568	42,960	38,340
Total - - - - -	1,281,168	1,361,113	404,534	394,046

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-April	
			1988	1989
Quantity (short tons)				
Wire rod and related products:				
Wire rod:				
Carbon - - - - -	1,341,257	1,355,951	493,578	353,920
Alloy - - - - -	107,463	118,672	37,657	34,527
Wire:				
Carbon - - - - -	504,898	486,699	168,827	152,424
Alloy - - - - -	31,999	33,028	10,564	14,412
Wire products:				
Nails - - - - -	440,746	364,748	122,605	118,482
Barbed wire - - - - -	16,643	15,538	6,952	4,492
Wire fencing - - - - -	13,263	12,052	4,675	16,681
Bale ties - - - - -	1,719	1,849	638	429
Wire strand - - - - -	98,898	88,300	27,450	53,052
Wire rope - - - - -	65,683	77,564	23,404	41,778
Milliners wire - - - - -	12,426	12,400	5,038	1/
Total - - - - -	2,634,993	2,566,801	901,389	790,198
Structurals:				
Heavy - - - - -	1,884,684	1,955,762	626,336	585,991
Fabricated - - - - -	268,985	232,705	85,864	56,782
Total - - - - -	2,153,669	2,188,467	712,199	642,774
Rails and related products:				
Rails - - - - -	213,530	260,006	80,092	97,921
Joint bars and tie plates - -	13,969	8,487	7,389	8,553
Track spikes - - - - -	370	205	62	2,841
Wheels and axles - - - - -	18,120	50,734	16,510	22,002
Total - - - - -	245,988	319,432	104,053	131,317
Pipes and tubes:				
Oil country tubular goods - -	594,463	1,032,296	392,267	130,263
Line pipe - - - - -	526,047	507,914	179,800	136,511
Mechanical pipe - - - - -	284,807	382,270	144,504	140,375
Structural pipe - - - - -	428,758	278,870	107,032	120,385
Pressure tubing - - - - -	27,122	52,100	15,759	21,256
Other (including standard) -	887,446	996,487	366,725	252,842
Total - - - - -	2,748,644	3,249,937	1,206,087	801,634

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-April	
			1988	1989
Quantity (short tons)				
Stainless and alloy tool steel:				
Stainless:				
Semifinished:				
Ingots - - - - -	1,106	3,877	116	26
Blooms and billets - - -	48,955	40,772	11,203	16,409
Slabs and sheet bars - -	6,664	17,758	5,211	9,032
Total - - - - -	56,725	62,407	16,530	25,468
Plate - - - - -	11,118	15,847	4,499	6,467
Sheet and strip:				
Sheet:				
Hot rolled - - - - -	5,179	7,331	2,148	3,690
Cold rolled - - - - -	114,806	103,577	34,572	32,390
Strip - - - - -	9,309	7,676	2,904	6,407
Total - - - - -	129,295	118,584	39,624	42,487
Bars and shapes - - - - -	37,991	40,724	13,830	10,631
Wire rod - - - - -	18,311	19,210	6,208	6,709
Wire - - - - -	19,084	20,653	6,245	8,205
Pipe and tube - - - - -	26,448	36,752	13,855	13,645
Alloy tool steel Call forms):				
Semifinished V - -	6,880	4,408	1,380	407
Bars - - - - -	19,792	28,867	11,444	760
Other - - - - -	13,927	10,820	4,232	30,744
Total - - - - -	40,599	44,095	17,057	31,911

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	January-April			
	1987	1988	1988	1989
• Share of product group totals (percent)				
Carbon and certain alloy I/ steel:				
Semifinished 2/				
Ingots - - - - -	4.66	3.71	1.95	2.05
Blooms and billets - - - -	19.09	20.91	20.96	32.90
Slabs and sheet bars - - -	76.25	75.38	77.10	65.05
Total - - - - -	100.00	100.00	100.00	100.00
Plate:				
Carbon - - - - -	93.27	94.28	94.08	92.64
Alloy - - - - -	6.73	5.72	5.92	7.36
Total - - - - -	100.00	100.00	100.00	100.00
Sheet and strip:				
Hot rolled:				
Sheet - - - - -	27.42	30.61	27.98	28.02
Strip - - - - -	0.56	0.69	0.59	1.96
Cold rolled:				
Black plate - - - - -	2.06	2.02	1.82	2.53
Electrical - - - - -	0.84	0.90	0.82	1.64
Other sheet - - - - -	27.84	27.99	28.61	25.54
Other strip - - - - -	1.75	1.76	2.03	2.15
Galvanized - - - - -	29.77	27.12	29.84	26.01
Tin plate - - - - -	4.29	4.10	3.77	5.84
Tin free - - - - -	1.31	1.36	1.14	1.96
Other coated - - - - -	4.18	3.45	3.40	4.36
Total - - - - -	100.00	100.00	100.00	100.00
Bar:				
Hot rolled:				
Carbon - - - - -	34.58	35.04	32.33	34.81
Alloy - - - - -	12.55	13.73	16.63	13.20
Cold rolled:				
Carbon - - - - -	11.89	11.85	14.09	11.44
Alloy - - - - -	3.19	3.83	3.95	4.44
Reinforcing - - - - -	27.45	26.25	22.38	26.37
Light structural shapes - -	10.34	9.30	10.62	9.73
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-April	
			1988	1989
• Share of product group totals (percent)				
Wire rod and related products:				
Wire rod:				
Carbon - - - - -	50.90	52.83	54.76	44.79
Alloy - - - - -	4.08	4.62	4.18	4.37
Wire:				
Carbon - - - - -	19.16	18.96	18.73	19.29
Alloy - - - - -	1.21	1.29	1.17	1.82
Wire products:				
Nails - - - - -	16.73	14.21	13.60	14.99
Barbed wire - - - - -	0.63	0.61	0.77	0.57
Wire fencing - - - - -	0.50	0.47	0.52	2.11
Bale ties - - - - -	0.07	0.07	0.07	0.05
Wire strand - - - - -	3.75	3.44	3.05	6.71
Wire rope - - - - -	2.49	3.02	2.60	5.29
Milliners wire - - - - -	0.47	0.48	0.56	1/
Total - - - - -	100.00	100.00	100.00	100.00
Structurals:				
Heavy - - - - -	87.51	89.37	87.94	91.17
Fabricated - - - - -	12.49	10.63	12.06	8.83
Total - - - - -	100.00	100.00	100.00	100.00
Rails and related products:				
Rails - - - - -	86.80	81.40	76.97	74.57
Joint bars and tie plates - -	5.68	2.66	7.10	6.51
Track spikes - - - - -	0.15	0.06	0.06	2.16
Wheels and axles - - - - -	7.37	15.88	15.87	16.76
Total - - - - -	100.00	100.00	100.00	100.00
Pipes and tubes:				
Oil country tubular goods - -	21.63	31.76	32.52	16.25
Line pipe - - - - -	19.14	15.63	14.91	17.03
Mechanical pipe - - - - -	10.36	11.76	11.98	17.51
Structural pipe - - - - -	15.60	8.58	8.87	15.02
Pressure tubing - - - - -	0.99	1.60	1.31	2.65
Other (including standard) -	32.29	30.66	30.41	31.54
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-April	
			1988	1989
• Share of product group totals (percent)				
Stainless and alloy tool steel:				
Stainless:				
Semifinished:				
Ingots - - - - -	1.95	6.21	0.70	0.10
Blooms and billets - - -	86.30	65.33	67.77	64.43
Slabs and sheet bars - -	11.75	28.45	31.53	35.46
Total - - - - -	100.00	100.00	100.00	100.00
Plate - - - - -	100.00	100.00	100.01	100.00
Sheet and strip:				
Sheet:				
Hot rolled - - - - -	4.01	6.18	5.42	8.68
Cold rolled - - - - -	88.79	87.34	87.25	76.24
Strip - - - - -	7.20	6.47	7.33	15.08
Total - - - - -	100.00	100.00	100.00	100.00
Bars and shapes - - - - -	100.00	100.00	100.00	100.00
Wire rod - - - - -	100.00	100.00	100.01	99.99
Wire - - - - -	100.00	100.00	100.00	100.00
Pipe and tube - - - - -	100.00	100.00	100.00	100.00
Alloy tool steel (all forms):				
Semifinished Z/ - - - - -	16.95	10.00	8.09	1.27
Bars - - - - -	48.75	65.47	67.09	2.38
Other - - - - -	34.30	24.54	24.81	96.34
Total - - - - -	100.00	100.00	100.00	100.00

1/ Milliners wire is included in total wire products.

Z/ 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.

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. 18.

(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, 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 S.

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

(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 H12.

(F) Stainless steel slabs and sheet bars; provided for in item 7218.90.0035 of the H12.

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 Ma.

(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 Ma.

(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 fin.

(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 HI2.

(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 ma.

(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 ma.

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

(F) Tin free; provided for in item 7210.50.0000 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 HS.

(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 jaa.

(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 Ell.

(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 E12.

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 km, 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 al.

(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 HII.

(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 lila.

(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 laa. 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 lili. 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 HII a. The products are included in AISI product group No. 50.

(D) Ealing 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 JTS 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 H12. 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 STS. 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 _____ 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 M2 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 H11. These products, are included in AISI product group No. 38 and 39.

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

(i) Fails 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 jaa. 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 al. 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 followi:

(i) Oil country tubular goods, provided foi 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 Oil country tubular goods are included in AISI product group No. 19.

(ii) Line pipe; provided for in items 7304.101020, 7304.10.1050, 7304.10.1080, 7304.10.5020, 7304.10.5050, 7304.10.5080, 7305.11.1030, 7305.11.1060, 7305.11.5000, 7305.12.1030, 7305.12.1060, 7305.12.5000, 7305.19.1030, 7305.19.1060, 7305.19.5000, 7306.10.1010, and 7306.10.1050 7306.10.5010, 7306.10.5050 of the 1112. Line pipe is included in AISI product group No. 20.

(iii) Mechanical pipe; provided for in items 7304.31.3000, 7304.31.6050, 7304.39.0050, 7304.39.0075, 7304.51.5000, 7304.51.5090, 7304.59.1000, 7304,59.6000, 7304.59.8000, 7304.90.5000, 7304.90.7000, 7306.30.1000, 7306.30.5015, 7306.30.5020, 7306.30.5035, 7306.3.5060, 7306.30.5075, 7306.50.1000, 7306.50.5030, 7306.50.5050, 7306.50.5070, 7306.60.5000, 7306.60.7000 of the Mechanical pipe is included in AISI product group 21A.

(iv) Structural pipe; provided for in items 7304.90.1000, 7304.903000, 7305.312000, 7305.31.4000, 7305.31.6000, 7306.30.3000, 7306.50.3000, 7306.60.1000, and 7306.60.3000 of the E. 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 **Ea**. 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 Ma. Other, including standard pipe is included in AISI product categories 18, 21E and 22B.

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

HARMONIZED TARIFF SCHEDULE of the United States
Annotated for Statistical Reporting Purposes

SURCRAPTIOT III

TEMPORARY MOIPICATIOIS ESTABLISHED PURSUANT TO TRADE LEGISLATION

XXII
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1. This contains the temporary modifications of the provisions in the tariff schedule established pursuant to trade legis tics. Unless otherwise stated, the modified provisions are effective until suspended or terminated. Unless the mutest requires otherwise, any article described in the provisions of this subchapter, for which rates of duty are herein provided, if uttered 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 06.
2. per the purposes of subheadings 9903.17.05 through 9903.17.30, inclusive, the term "product of the European Economic Xemlunity" 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 thesupos of subheadings 9903.41.05 and 9903.41.10, the duties provided for in this subchapter are emulative duties apply in addition to the duties otherwise imposed on the articles involved.
4. Additional dutiep an4 mantttetive limitations cam certain stainless steel ant alloy tool steel. --The provisions of this note apply to subheadings 0003.72.00 through 9903.72.44 of this subchapter. The duties provided for in subheadings 9003.72.00 and 9003.72.01 and the quantitative limitations set forth in subheadings 9903.72.10 through 9903.72.34 are in addition to the duties provided for the subject articles in chapter 72 or in subheading 9808.00.30, where applicable.
 - (a) - For the purposes of this subchapter:
 - (i) The term "restraint nerio4" refers to a period provided for in the article description column for subheadings 9903.72.10 through 9903.72.34;
 - (ii) The toms "poor blade steer and "chimer knife steel" are defined as provided in additional U.S. notes 1(4) and 1(f), respectively, to chapter 72;
 - (iii) The tens "band saw steer 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;
 - (D) manganese: not less than 0.6 nor more than 0.9 percent;
 - (C) sulfur: none, or not more than 0.015 percent;
 - (D) phosphorus: none, or not more than 0.025 percent;
 - (I) silicon: not less than 0.1 norms* than 0.25 percent;
 - (F) chromium: not less than 0.9 nor more than 1.1 percent;
 - (O) nickel: not less than 0.5 nor more than 0.7 percent;
 - (N) molybdenum: not less than 0.9 nor more than 1.1 percent; and
 - (IJ) vanadium: not less than 0.08 percent nor more than 0.15 percent;
 - (iv) The term "claddina erode 434 stainless steel flat-rolled products" refers to stainless steel flat-rolled products, not under 1.397 on and not over 1.851 on in thickness, not under 64.77 cm and not over 86.675 cm in width; containing by weight not more than 0.12 percent carbon; not less than 16 percent nor more than 18 percent chromim; 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-alminum automobile trim;
 - (v) The tom "Main's*, 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;
 - chrusiun: 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;
 - molybdenun: 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

HARMONIZED TARIFF SCHEDULE of the United States

Annotated for Statistical RopedIng Purp0000

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(b) Regarding shipmate of mold blocks from Canada into the United States:

(i) The term " " refers to products of either stainless steel bar or alloy tool steel whose chemistry meta that of either 813 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) "B13 hot-work tool steel forsed 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.

(N) "120 mold steel famed 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 lass 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) "IodeMble Catainless Steel 420 formed bang" 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 813 hot -work tool steel, and hardenable Cr stainless steel 420 forged bars of Canadian origin which ars used in the United States to produce plastic injection molds, die-casting molds, and metal forming dies for automotive comments. If rectangular, these bars must be between 10.16 and 101.6 on in thickness and between 33.02 and 182.88 as in width. Round bars of these steels must be between 20.32 and 60.96 as in diameter. The rectangular bars must be machined on four faces at 90 degrees. In addition, one surface must be machined not to exceed 250M roughness height (250 R.M.S. value), and surfaces must be perpendicular within 0.1588 cm. The round bars must be mshined on both end faces, and their periphery must be machined not to emceed 250M 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 shipmate 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 *mess 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. caantitative limitations on certain tunasten articles. - -TM 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 fram warehouse for consumption, informal entries, temporary imports under bond, and imports under chapter 98.

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

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

(b) cegla1atq.--Effective January 1, 1988, none of the tungsten articles provided for herein that are exported 's Republic of China (the FRC) 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;

(a) Giccum.--Mbenever the specified limit of imports has not been entered during • 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.

HARMONIZED TARIFF SCHEDULE of the United States
Annotated for Statistical Reporting Purposes

KXII
99-23

(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 1.85 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) aggregational.--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 afforded during any semi-annual restraint period, entry may be made during the subsequent 2401-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) Expedient 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) country-by-country allocations.--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, 1984. 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, Brasil, 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, 1967.
- (ii) The quantitative limitations provided for in subheadings 9903.72.10 through 9903.72.24, inclusive, shall not apply to products of Brasil, 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, Brasil, 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.

HARMONIZED TARIFF SCHEDULE of the United States

Annotated for Statistical Reporting Purposes

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99-24

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

- (i) The term "**gold blocks**" refers to products of either stainless steel bar or alloy tool steel whose chemistry meets that of either 813 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) "**p13 hot-wo 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 molybdenum; not less than 1.10 percent nor more than 1.75 percent phosphorus; 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.
- (D) "**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 phosphorus; not more than 0.030 percent sulfur; and not less than 0.20 percent nor more than 0.80 percent silicon.
- (C) "**ardenable Cr Stainless Steel 420 toned 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 phosphorus; 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 813 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 10.18 and 101.8 mm in thickness and between 33.02 and 182.88 mm in width. Round bars of these steels must be between 20.32 and 60.96 mm as in diameter. The rectangular bars must be machined on four faces at 90 degrees. In addition, one surface must be machined not to exceed 25CM roughness height (250 R.M.S. value), and surfaces must be perpendicular within 0.158 mm. 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, when applicable. The quantitative limitations shall include imports entered, or withdrawn from warehouse for consumption, informal entries, temporary imports under bond, and imports under chapter 98.
- (a) **Definitions.**—For purposes of this subchapter—
- (i) the term "**tungsten articles**" means ammonium paratungstate provided for in subheading 2841.80 and tungstic acid provided for in subheading 2825.90.50;
- (b) **Sport 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.

HARMONIZED TARIFF SCHEDULE of the United States
Annotated for Statistical Reporting Purposes

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99-23

- (4) Importation restraint ~~importation~~ --The ~~Vat~~ ~~easy~~ by ~~federal~~ ~~assists~~ ~~sq~~ notice authorize as increase in the specified limits of imports by not more than 10 per cent during any period, except that the USTI may by prior determination permit an increase of greater than 10 per cent. 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 is the amount the preceding specified limit was exceeded. To the extent that imports of the ~~Minot~~ articles provided for herein exceed 771,114 kilograms tungsten content for calendar year 1967, the specified limits for subsequent periods will be reduced according to the following schedule: the 1968 calendar year specified limit shall be reduced by 30 percent of the excess; the specified limit of 1969 shall be reduced by 30 percent of the excess; and the specified limit of 1970 shall be reduced by 20 percent of the excess.
- (e) ~~USITC shall conduct annual surveys (pursuant to section of the arm Act of) to obtain on mensutsm paratusstate, tungstic acid and tungsten oxide (provided for in subheading 2825.00.30) from producers in the United States by calendar quarter on shipments, profits, capacity and capacity utilisation, 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 1967 and shall be published by March 31, 1966, 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) ~~amounting for no more than 65 percent of each annual specified limit~~
~~the~~ ~~is~~ ~~in~~ ~~consecutive~~ ~~quarters~~ ~~in~~ ~~that~~ ~~year~~ ~~unless~~ ~~authorized~~ ~~by~~ ~~a~~ ~~determination~~ ~~of~~ ~~the~~ ~~USSR~~.
6. The ~~provisions~~ ~~are~~ ~~suspended~~ ~~pursuant~~ ~~to~~ ~~executive~~ ~~action~~: subheadings 0003.04.05 through 9003.04.55, inclusive, subheadings 0803.23.00 through 9803.23.35, inclusive, subheading 9903.41.25, and subheading 9903.41.35 through 9003.41.45, 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**

**Alliance Office of the United States
Trade Representative.
Announcement.**

Summary: This notice converts to the Harmonised System product definitions for imports of certain specialty steel and makes modifications to the Harmonised Tariff schedule of the United States to implement such conversion.

Effective Date: January 1, 1989.

FOR IMMEDIATE INFORMATION CONTACT:
Robert Cassidy, Office of the United States Trade Representative, (202) 305-4510 or Michael Rollin, Office of Agreements Compliance, Import Administration, Department of Commerce, (202) X7-4037.

Background: Presidential Proclamation NOV of July 1987 (33 FR 273011) 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 44801 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 tariff, 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 Tariff Schedule of the United States (TSUS) in order to implement such actions.

On January 1, 1989, the TSUS will be replaced by the Harmonised Tariff Schedule of the United States (HTS). Pursuant to the U.S. Trade Representative has determined that the following revisions to Chapter OIL subchapter EL of the HTS are required for continued implementation of Proclamation 3679 after December 31, 1988.

Replace the entire text of U.S. note 41e1(11) with the following:

The terms "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 41a1(K) to this subchapter, which are not thicker than 0.23 mm U thickness and not over 2.5 mm in width-end, when cold rolled are over 1.33 mm 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 Axis," "chipper knife steel" and "ball bearing steel" are defined as provided in additional U.S. notes 1e1, 10) and 104 respectively, the chapter 711

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

The term "rapper valve steel" refers to products of stainless steel of the type described in U.S. note 41a1(x1) to this subchapter, which are flat rolled, not over 127 mm in thickness and not over 30.48 cm in width-end, when cold rolled, are over 12; mm in width-end 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

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

The term "mew steel for hysteresis steams" refers to products of stainless steel of the type described in U.S. note 4(a)(xi) to this subchapter, which are flat rolled not over 1.3 mm in thickness and not over 30.48 cm in width-end when cold rolled; are over 127 mm in width-contain by weight not less than 0.3 percent carbon and not less than 3.3 percent tungsten, and are certified by the importer of record or the ultimate consignee at the date of entry for use in the manufacture of rotor rips or mps for hysteresis motors:

Replace the period (",") at the end of U.S. note 4(agix) with a semicolon (";"). Insert the following new U.S. notes after U.S. note 4(e)(i)(k):

4(a)(x) The term "alloy steel clothe erne described in U.S. note 4(a)(xi) to this subchapter" refers to steel which contains one or more of the following elements in the quantity, by weight, respectively indicated:

over 1.05 percent manganese, or over 0.1 percent phosphorus, or over 0.30 percent sulfur, or over 0.110 percent silicon, or over 0.10 percent copper, or over 0.30 percent aluminum, or over 0.411 percent chromium, or over 0.10 percent cobalt, at over 0.35 percent lead, or over 0.30 percent nickel or over 0.30 percent tungsten, or over 0.10 percent of any other metallic element

41e1(xii) The term "led 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(e)(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 0.83 percent carbon and 1.0 percent to 1.11 percent inclusive manganese;

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MI 0.9 percent to 12 percent inclusive chromium and 0.9 percent to 1.4 percent inclusive molybdenum; or

IR) not less than 0.3 percent carbon and not less than 3.3 percent molybdenum; or

IR) not less than 0.5 percent carbon and not less than 0.5 percent molybdenum

4161(xii) The term "high speed tool steel of the type described in U.S. note 4(a)(xi) 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 3.3 percent molybdenum, or not less than 0.5 percent carbon and not less than 5.3 percent molybdenum

4(a)(xiii) The term "plate of the type described in U.S. note 4(a)(xi) to this subchapter" refers to products which are flat rolled, whether or not corrugated or crimped, and are over 1.3 mm in thickness and over 30.48 cm in width when hot rolled or over 30.48 cm in width when cold rolled:

4(s)(iv) The term "sheet of the type described in U.S. note 4(a)(xi) to this subchapter" refers to products which are flat rolled, whether or not corrugated or crimped, and are less than 4.762 mm in thickness and over 30.48 cm in width:

4(a)(xv) The term "strip of the type described in U.S. note 416001 to this subchapter" refers to products which are flat rolled, whether or not corrugated or crimped, and are less than 4.762 mm in thickness, not over 30.48 cm in width and, if cold rolled, over 1.3 mm in width

444(xvii) The term "wire of the type described in U.S. note 4(a)(xi) to this subchapter" refers to products which are either cold drawn, in coils, of any cross-sectional connotation and not over 17.811 mm in maximum cross-section, or in coils with a cold rolled rectangular cross section, not over 11.38 mm in thickness and not over 1.778 mm in width.

44:11(xviii) The term "win, rod of the type described in U.S. note 4(a)(xi) to this subchapter" refers to products which are cold rolled, in coils, approximately round in cross section, and at least 1.27 mm but not exceeding 11.79 mm in diameter.

Replace the entire text of subheading 9003.72.00 with the following:

flat rolled products and bars and rods which have been flat rolled, all the (growth) of stainless steel of the type described in U.S. note 4(a)(xi) to this subchapter, under 4.7833 mm in thickness and if cold rolled, over 30.48 cm in width (except when over 30.48 cm in width and coated, plated or clad with metal: 30.48 cm 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: work to alter rolling other than by corrugation or crimping; as provided for in U.S. note 41e1(11) to this subchapter: razor blade steel of the type described in U.S. note 4(a)(xi) to this subchapter cladding grade 434 stainless steel. 1. Rut-rolled products over 30.48 cm in width; cold-rolled flat-rolled products of stainless steel over 180.34 cm in width: stainless steel of the type described in U.S. note 41e1

this subchapter: and flapper valve steel) provided for in subheading 7219.12. 7219.13. 7219.14. 7219.= 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. 4.7825mm or more in thickness, over 20.32cm in width if hot rolled or over 30.480n 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; pkoir. sheet. strip. wire and wire rod of the type described in U.S. notes 4(a)(xiii). 4(a)(xiv), 4(e)(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. 7221.90. 7721.00. 7220.10. 7222.20. 7=30. 7223.00.10. 7223.00.50 or 7723.00.90:

Replace all quota quantities for subheadings 9900.72.10. 9903.72.12. and 9903.72.14 with the following:

teen	Quota Otenety On luigrans)	V entered during the restraint pilot	
		014yrough	January 20
		Julij 19	through July 19
9903.72.10 M	entered during the period from October 20. 1997, through Jul' 13 1968 inclusive	Na	97.977
Canada		a 250.306	501.678
		3.213,261	6.427.470
Korea		*439.969	890.685
Marco		° 25.401	51,710
Spin		* 987.913	1.996.627
Sweden		*300.446	616.882
Taiwan		*22.880	46.360
	Other. except se provided in U.S. note 4(gKii) to this subchapter	* 99.791	97.070
9903.72-12 V	entered during the period from July 20, 1963 through July 19, 1969 inclusive		
Austria		97.070	97,977
Canada		512.566	512.565
	6.572.621	6.572.621
Korea		891,772	892.679
Mexico		56.060	58,968
soaln		2.041.167	2.041,167
Sweden.		630.500	631.407
Taiwan		46.267	47,174
	Other, 'swept M provided in U.S. note 4106 to this subchapter	107,956	104.327
990372.14 It	entered during the period from July 20. 1969. through Saptarnbat 30. 1969 inclusive	39.009	la)
Grade		211.376	
Japan -		2.707.974	
Korea		387,414	
Mexico		24.494	Cs)
Spain		640.969	C)
Sweden		259,457	try
Taiwan		19.051	
	Other. except as provided in U.S. note 41010i) to this subchapter	44.453	Is)

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)	
		entered during the restraint period:	
		July 20 through January 19	January 20 through July 19
9903.72.20	It snowed during Me period from October 20, 1967, through July 19, 1908 inclusive		
	Austria	n/a	25,401
	Japan	1,439,717	2,879,434
	Korea	238,592	476,277
	Spain	421,845	844,598
	Sweden	899,938	1,799,873
9903.72.22	Other, except as provided in U.S. note 4(g)(1) to this subchapter	87,996	151,501
	II entered during the period from July 20, 1988, through July 10, 1989 inclusive:		
	Austria	48,988	25,401
	Japan	2,944,752	2,944,752
	Korea	489,885	490,792
	Spain	882,742	863,649
9903.72.24	Sweden	1,840,697	1,840,897
	Other, <i>SUMM</i> as provided in U.S. note 4(0000) to this subchapter	129,729	151,501
	II entered during the period from July 20, 1999, through September 30, 1989 inclusive:		
	Austria	9,979	(3)
	Japan	1,212,918	(1)
	Korea	355,620	(3)
9903.72.24	Spain	355,820	(1)
	Swedish	758,414	(3)
	Other, swept as provided in U.S. note 4(g) 00 to Ms subchapter...	63,504	(3)

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

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

U.S. note 4(a)(xii) to this subchapter, chipper knife steel: band saw steel: ball bearing steel: rotor steel for hysteresis motors: and tool steel of the type described in U.S. note 4(a)(viii) to this subchapter) provided for in subheading 7206.11, 7208.12, 7208.13.10, 7208.13.50, 7208.14.10, 7208.14.50, 7208.21.10, 7208.21.50, 7206.22.10, 7206.22.50, 7206.23.10, 7208.23.50, 7208.24.10, 7208.24.50, 7208.31, 7208.32, 7208.33.10, 7208.33.50, 7208.34.10, 72011.34.50, 7200.35.10, 7208.35.50, 7208.41, 7208.42, 7208.43, 7208.44, 7208.45, 7208.90, 7209.11, 7209.12, 7209.10, 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, 7211.20.50, 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, 7215.00.10, 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, 7228.91.30, 7226.91.50, 7228.61.70, 7228.91.80, 7226.92.10, 7228.92.30, 7228.92.50, 7228.92.70, 7226.92.80, 7228.99, 7222.10, 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, 7228.80.80, 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:

52900 Federal Register / Vol. 53, No. 250 / Thursday, December 29, 1988 / Notices

Item	Anodes	Quota Quantity On kilograms)	
		If entered during the restraint period:	
		July 20 through January 19	January 20 through July 10
9903.72.30	If entered during the period from October 20, 1987, through July 19, 1990 inclusive:		
	Canada	360,158	719,405
	Japan	^a 1,048,710	2,098.3 ⁴⁰
	Karp	² 345,641	891,282
	Medea	58,080	117,535
	Poland	^a 77,111	155,130
	Spain	^a 40,824	83,482
	Sweden	1,979,497	3,958,995
	Other, except as provided M.U.S. note 4(g)(1) to this subchapter	178,204	147,873
9903.72.32	If entered during the period from July 20, 1988, through July 19, 1990 inclusive:		
	Canada	735,734	728,642
	Japan	2,144,807	2,145,514
	Korea	713,055	712,147
	Meoco	128,100	126,100
	Poland	151,511	152,409
	Sweden	85,276 ;	85,278
	Other, except as provided in U.S. note 400) to that subchapter	4,048,807	4,048,807
9903.72.34	If entered during the period from July 20, 1989, through September 30, 1990 inclusive:		
	Canada	303,003	
	Japan	883,607	(³)
	Korea	203,931	(³)
	Mateo	51,710	(³)
	Sweden	62,596	
	Other, except as provided in U.S. note 4(g)(ii) to this subchapter.	35,361	(³)
	Sweden	1,867,423	(³)
	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 On bilowernej	
		If entered during the restraint period:	
		July 20 through Jimmy 19	January 20 through July 19
9903.72.40	If entered during the period from November 20, 1967, through July 19, 1966 inclusive:		
	Canada	997,913	1,995,827
9903.72.42	If entered during the period from July 20, 1968, 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)

