

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 2207

AUGUST 1989

United States International Trade Commission
Washington, DC 20436

UNITED STATES INTERNATIONAL TRADE COMMISSION

COMMISSIONERS

Anne E. Brunsdale, Chairman
Ronald A. Cass, Vice Chairman
Alfred E. Eckes
Seeley G. Lodwick
David B. Rohr
Don E. Newquist

Office of Industries
Vern Simpson, Acting Director

This report was prepared principally by

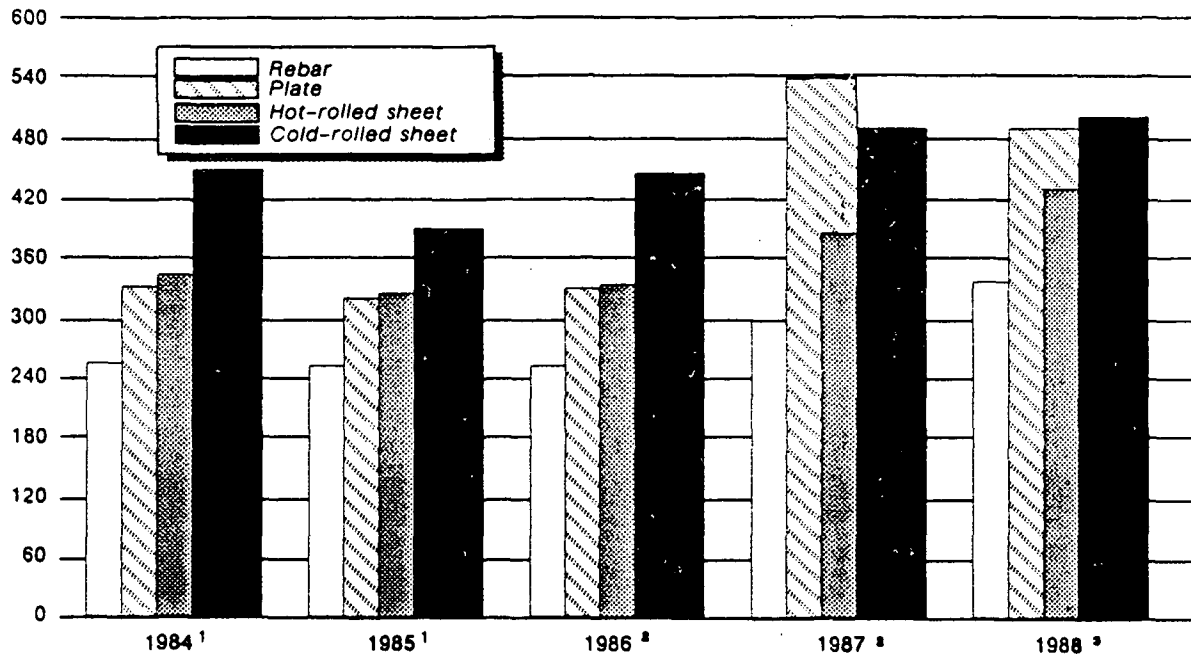
Karen Laney-Cummings
Anna Mae Toth
Minerals and Metals Division

Address all communications to
Kenneth R. Mason, Secretary to the Commission
United States International Trade Commission
Washington, DC 20436

A Summary of Steel Prices

Steel prices in the United States generally increased during 1984-88, largely reflecting sustained demand for steel by the automotive and other principal consuming industries, import limitations on foreign steel products, and short supply of certain steel products in the U.S. market. For example, the price of cold-rolled sheet (after declining by 12 percent during 1984-85) increased by 29 percent during 1985-88 (fig 1).

Figure 1
U.S. prices of selected steel products, 1984-88



¹ As of January.

² As of December.

³ As of September

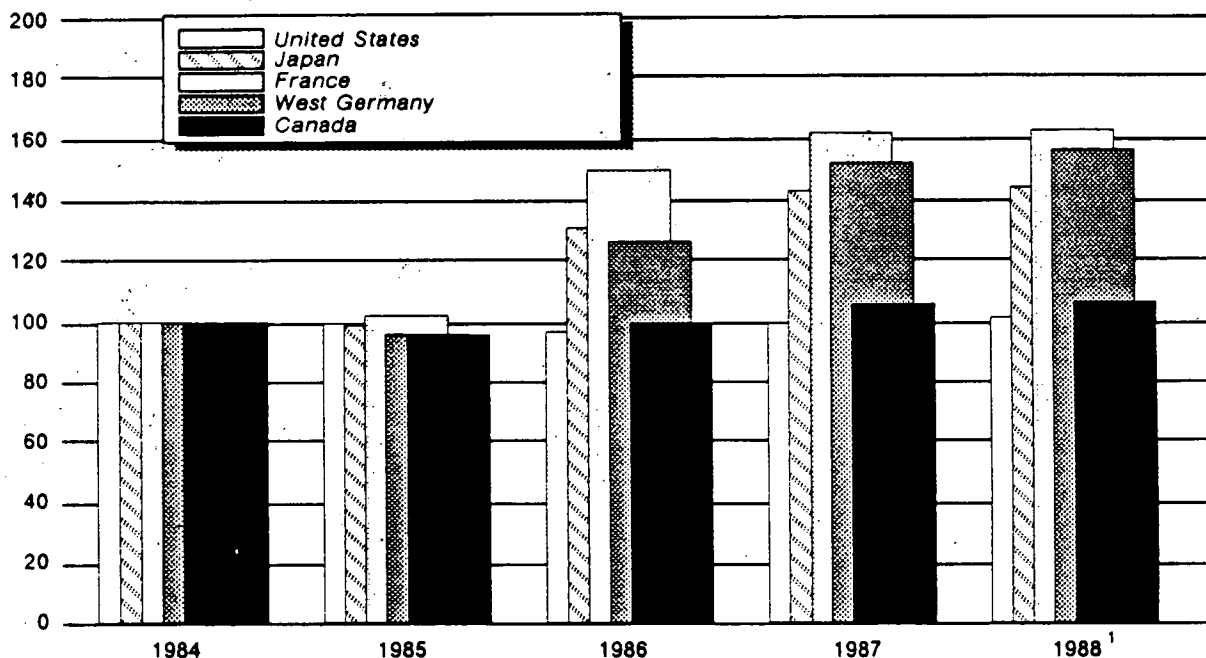
Source: World Steel Dynamics, Steel Price Track, #28.

As the dollar declined in value relative to other currencies (especially during the latter part of the 1984-88 period), the volume of steel shipped to the U.S. market dropped. The decline in imports (largely from VRA supplying countries which accounted for 70 percent of total U.S. steel imports in 1988), resulted in U.S. producers' market share increasing about 2 percentage points during 1987-88.

On an international basis, steel prices in the United States were usually lower than prices in major steel producing countries. The world "spot" export price of cold-rolled sheet, for example, increased about 72 percent from \$320 per ton in 1987 to \$550 per ton at year-end 1988, whereas the price of cold-rolled sheet in the United States rose about 1 percent from \$498 per ton to \$502 per ton during the period.¹ In Japan, the price of plate ranged between \$570 and \$600 per ton during 1987-88, while the "spot" price of plate in the United States ranged between \$490 and \$540 per ton.

Figure 2 provides an illustration of price indexes for selected major steel producing countries during the last 5 years, adjusted for exchange rate changes (in dollar terms).

Figure 2
Steel price indexes in selected countries, adjusted for exchange rate changes, 1984-88 (1984 = 100)



¹ Price indexes for France and West Germany were estimated by the staff of the U.S. International Trade Commission.

Source: Price indexes of selected official government publications.

¹World Steel Dynamics, Steel Price Track, 27.

James Brandon
252-1433

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 | 6/89 |

Monthly Summary
Subject Index

| | <u>USITC</u> <u>Publication</u> | <u>Date</u> |
|-------------------|------------------------------------|-------------|
| Wire rod----- | 2202 | 7/89 |
| Steel Prices----- | 2134 | 8/89 |

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 <u>2/</u> | 0.0 |
| South Korea | 2.2 |
| Spain | 0.52 |

Quota level for 1989 in short tons and as a
share of apparent U.S. consumption
(estimated) 3/

| <u>Quota agreements</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 | <u>4/</u> 0.10 |
| Yugoslavia | 18,900 | 0.02 |
| People's Republic of China | 57,000 | 0.06 |

Semifinished steel agreements Quota level for 1989 (short tons)

| | |
|------------------------|---------|
| Australia | 37,500 |
| Brazil | 525,000 |
| EC | 502,500 |
| Finland | 11,250 |
| Japan | 75,000 |
| Mexico | 75,000 |
| South Africa <u>2/</u> | 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.

C O N T E N T S

| <u>Page</u> | |
|---|-----|
| Monthly Summary----- | 1 |
| Summary Index----- | iii |
| Preface----- | v |
| 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----- | 3 |
| 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----- | 18 |

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, 1988 and 1989----- | 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 |

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

| Item | 1984 | 1985 | 1986 | 1987 | 1988 | January-May | |
|---|--------|---------|---------|------------------|------------------|-----------------|-----------------|
| | | | | | | 1988 | 1989 |
| Raw steel: | | | | | | | |
| Production (1,000 short tons)..... | 92,528 | 88,259 | 81,606 | 88,472 | 99,328 | 42,355 | 43,133 |
| Capability utilization (percent)..... | 68.4 | 66.1 | 63.8 | 78.9 | 88.7 | 90.9 | 89.9 |
| Continuously cast (percent)..... | 39.6 | 44.4 | 55.2 | 52.5 | 60.5 | 59.8 | 62.6 |
| Employment: | | | | | | | |
| Total (thousands)..... | 236 | 208 | 175 | 163 | 169 | 170 | 168 |
| Receiving wages (thousands)..... | 171 | 151 | 128 | 121 | 125 | 126 | 125 |
| Hourly employment cost <u>1/</u> (dollars)..... | 21.30 | 22.81 | 23.5 | 23.70 | 24.65 | 24.63 | 24.54 |
| Steel: | | | | | | | |
| Shipments (1,000 short tons)..... | 73,740 | 73,043 | 64,947 | 76,473 | 83,815 | 34,679 | 36,457 |
| Imports (1,000 short tons)..... | 26,705 | 24,885 | 21,289 | 20,938 | 21,869 | 9,048 | 7,149 |
| Exports (1,000 short tons)..... | 1,081 | 992 | 980 | 1,176 | 2,152 | 539 | 1,871 |
| Apparent consumption (1,000 short tons).... | 99,363 | 96,591 | 90,026 | 95,759 | 103,532 | 43,751 | 41,815 |
| Ratio of imports to consumption (percent)... | 26.9 | 25.8 | 23.6 | 21.3 | 21.1 | 20.7 | 17.1 |
| Financial: | | | | | | | |
| All operations: | | | | | | | |
| Net sales (million dollars)..... | 53,619 | 53,651 | 41,912 | <u>3/</u> 32,314 | <u>4/</u> | <u>4/</u> | <u>4/</u> |
| Net income (million dollars)..... | (301) | (1,210) | (6,094) | <u>3/</u> 1,121 | <u>4/</u> | <u>4/</u> | <u>4/</u> |
| Ratio of net sales to income (percent)... | (0.6) | (2.3) | (14.5) | <u>3/</u> 3.7 | <u>4/</u> | <u>4/</u> | <u>4/</u> |
| Steel operations: | | | | | | | |
| Net steel sales (million dollars)..... | 30,132 | 29,473 | 24,891 | 19,752 | <u>3/</u> 24,486 | <u>5/</u> 7,914 | <u>5/</u> 8,249 |
| Net steel income (million dollars)..... | (186) | (1,743) | (4,203) | 988 | <u>3/</u> 2,476 | <u>5/</u> 712 | <u>5/</u> 663 |
| Ratio of net sales to income (percent)... | (0.6) | (5.9) | (16.9) | 5 | <u>3/</u> 10.1 | <u>5/</u> 9 | <u>5/</u> 8 |

1/ Preliminary.

2/ Total employment costs (including benefits) of employees receiving wages.

3/ January-September.

4/ Not available.

5/ First quarter of the year.

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

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

(Short tons)

| Item | 1984 | 1985 | 1986 | 1987 | 1988 | January-May | |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | | | | | | 1988 | 1989 |
| All grades of steel: | | | | | | | |
| Semifinished----- | 1,306,044 | 1,374,524 | 1,388,649 | 2,095,599 | 1,746,267 | 675,276 | 883,165 |
| Plate----- | 4,338,993 | 4,327,347 | 3,531,806 | 4,065,183 | 7,361,445 | 2,931,533 | 3,093,336 |
| Sheet and strip----- | 40,878,749 | 40,850,298 | 40,055,641 | 43,288,266 | 44,707,915 | 18,641,876 | 19,719,474 |
| Bars & certain shapes 1/----- | 13,232,473 | 12,667,539 | 12,101,642 | 12,937,033 | 14,618,068 | 5,793,903 | 6,233,828 |
| Wire rod----- | 3,090,036 | 2,961,769 | 3,493,632 | 3,838,788 | 4,044,688 | 1,684,357 | 1,782,379 |
| Wire----- | 962,726 | 874,135 | 797,859 | 786,963 | 1,072,698 | 459,250 | 460,583 |
| Wire products----- | 259,616 | 262,268 | 278,068 | 304,761 | 3/ | 3/ | 3/ |
| Structural shapes & units----- | 4,156,233 | 4,698,305 | 4,815,432 | 5,081,809 | 5,313,459 | 2,273,269 | 2,392,491 |
| Rails & related products----- | 1,238,900 | 931,313 | 647,697 | 504,561 | 507,278 | 258,832 | 274,248 |
| Pipe and tube----- | 4,275,759 | 4,095,825 | 2,836,458 | 3,569,647 | 4,443,251 | 1,936,503 | 1,617,788 |
| Total----- | 73,739,529 | 73,043,323 | 69,946,884 | 76,472,610 | 83,815,069 | 34,678,918 | 36,457,292 |
| Carbon & certain alloy 2/ steel: | | | | | | | |
| Semifinished----- | 1,266,364 | 1,327,766 | 1,339,062 | 2,018,535 | 1,828,600 | 641,313 | 845,284 |
| Plate----- | 4,223,128 | 4,185,883 | 3,415,947 | 3,906,102 | 7,178,573 | 2,861,193 | 3,014,197 |
| Sheet and strip----- | 40,058,979 | 40,018,167 | 39,256,239 | 42,347,623 | 43,663,695 | 18,198,368 | 19,274,168 |
| Bars & certain shapes----- | 13,031,564 | 12,478,002 | 11,926,843 | 12,753,157 | 14,414,095 | 5,706,442 | 6,147,842 |
| Wire rod----- | 3,038,112 | 2,931,897 | 3,457,233 | 3,791,034 | 3,986,930 | 1,658,109 | 1,764,162 |
| Wire----- | 933,382 | 851,841 | 773,204 | 760,229 | 1,043,112 | 447,385 | 448,456 |
| Wire products----- | 259,616 | 262,268 | 278,068 | 304,761 | 3/ | 3/ | 3/ |
| Structural shapes & units----- | 4,156,233 | 4,698,305 | 4,815,432 | 5,081,809 | 5,313,459 | 2,273,269 | 2,392,491 |
| Rails & related products----- | 1,238,900 | 931,313 | 647,697 | 504,561 | 507,278 | 258,832 | 274,248 |
| Pipe and tube----- | 4,224,071 | 4,046,771 | 2,794,218 | 3,527,867 | 4,387,761 | 1,914,054 | 1,595,516 |
| Total----- | 72,430,349 | 71,732,213 | 68,703,943 | 74,995,678 | 82,323,503 | 33,983,084 | 35,756,364 |
| Stainless & alloy tool steel: | | | | | | | |
| Stainless steel: | | | | | | | |
| Semifinished----- | 39,680 | 46,758 | 49,587 | 77,064 | 79,953 | 33,963 | 37,881 |
| Plate----- | 115,865 | 141,464 | 115,859 | 159,081 | 182,872 | 70,340 | 79,139 |
| Sheet and strip----- | 819,770 | 832,131 | 799,402 | 940,643 | 1,044,220 | 443,508 | 445,306 |
| Bars & certain shapes----- | 139,980 | 129,267 | 119,024 | 125,441 | 139,696 | 61,447 | 57,648 |
| Wire rod----- | 51,924 | 29,872 | 36,399 | 47,754 | 57,758 | 26,248 | 18,217 |
| Wire----- | 29,344 | 22,294 | 24,655 | 26,734 | 29,586 | 11,865 | 12,127 |
| Pipe and tube----- | 51,688 | 49,054 | 42,240 | 41,780 | 55,490 | 22,449 | 22,272 |
| Tool steel (all forms)----- | 60,929 | 60,270 | 55,775 | 58,435 | 64,277 | 26,014 | 28,338 |
| Total----- | 1,309,180 | 1,311,110 | 1,242,941 | 1,476,932 | 1,653,852 | 695,834 | 700,928 |

1/ Includes tool steel.

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

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

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

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

(Short tons)

| Item | 1984 | 1985 | 1986 | 1987 | 1988 | January-May | |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|------------------|
| | | | | | | 1988 | 1989 |
| All grades of steel: | | | | | | | |
| Semifinished----- | 1,632,065 | 2,440,368 | 2,084,322 | 2,288,995 | 2,844,979 | 1,219,995 | 873,469 |
| Plate----- | 1,782,050 | 1,772,309 | 1,456,790 | 1,566,694 | 1,872,937 | 795,679 | 572,797 |
| Sheet and strip----- | 10,332,032 | 9,046,089 | 8,278,604 | 7,875,891 | 7,303,964 | 3,161,322 | 2,465,651 |
| Bars & certain shapes 1/----- | 1,722,313 | 1,550,559 | 1,476,368 | 1,359,758 | 1,445,932 | 562,407 | 527,347 |
| Wire rod----- | 1,589,788 | 1,476,145 | 1,362,753 | 1,467,030 | 1,493,833 | 684,289 | 495,858 |
| Wire----- | 671,829 | 612,485 | 582,022 | 555,981 | 540,380 | 234,629 | 219,713 |
| Wire products----- | 738,680 | 674,960 | 636,591 | 649,377 | 572,451 | 242,211 | 291,869 |
| Structural shapes & units----- | 2,432,694 | 2,440,403 | 2,179,657 | 2,153,669 | 2,188,467 | 920,889 | 824,288 |
| Rails & related products----- | 373,890 | 382,046 | 275,710 | 245,988 | 319,432 | 127,311 | 153,638 |
| Pipe and tube----- | 5,429,839 | 4,489,287 | 2,956,303 | 2,775,091 | 3,286,690 | 1,517,724 | 1,015,791 |
| Total----- | 26,705,180 | 24,884,651 | 21,289,120 | 20,938,474 | 21,869,065 | 9,466,456 | 7,440,421 |
| Carbon & certain alloy 2/ steel: | | | | | | | |
| Semifinished----- | 1,618,365 | 2,430,078 | 2,066,700 | 2,232,270 | 2,782,572 | 1,197,435 | 842,920 |
| Plate----- | 1,774,614 | 1,760,812 | 1,440,375 | 1,555,577 | 1,857,090 | 789,330 | 564,769 |
| Sheet and strip----- | 10,194,435 | 8,910,469 | 8,127,033 | 7,746,596 | 7,185,380 | 3,112,050 | 2,412,034 |
| Bars & certain shapes----- | 1,652,025 | 1,475,447 | 1,393,731 | 1,281,168 | 1,361,113 | 525,213 | 475,341 |
| Wire rod----- | 1,570,952 | 1,456,078 | 1,344,256 | 1,448,720 | 1,474,623 | 677,067 | 487,409 |
| Wire----- | 649,126 | 590,317 | 564,481 | 536,897 | 519,727 | 226,710 | 209,532 |
| Wire products----- | 738,680 | 674,960 | 636,591 | 649,377 | 572,451 | 242,211 | 291,869 |
| Structural shapes & units----- | 2,432,694 | 2,440,403 | 2,179,657 | 2,153,669 | 2,188,467 | 920,889 | 824,288 |
| Rails & related products----- | 373,890 | 382,046 | 275,710 | 245,988 | 319,432 | 127,311 | 153,638 |
| Pipe and tube----- | 5,399,642 | 4,457,277 | 2,923,029 | 2,748,644 | 3,249,937 | 1,500,655 | 998,688 |
| Total----- | 26,404,423 | 24,577,887 | 20,951,563 | 20,598,906 | 21,510,792 | 9,318,871 | 7,260,488 |
| Stainless & alloy tool steel: | | | | | | | |
| Stainless steel: | | | | | | | |
| Semifinished----- | 13,700 | 10,290 | 17,622 | 56,725 | 62,407 | 22,560 | 30,549 |
| Plate----- | 7,436 | 11,497 | 16,415 | 11,118 | 15,847 | 6,349 | 8,028 |
| Sheet and strip----- | 137,597 | 135,620 | 151,571 | 129,295 | 118,584 | 49,272 | 53,617 |
| Bars & certain shapes----- | 38,234 | 37,970 | 37,888 | 37,991 | 40,724 | 17,159 | 12,696 |
| Wire rod----- | 18,835 | 20,067 | 18,496 | 18,311 | 19,210 | 7,222 | 8,449 |
| Wire----- | 22,703 | 22,169 | 17,541 | 19,084 | 20,653 | 7,919 | 10,181 |
| Pipe and tube----- | 30,197 | 32,009 | 33,274 | 26,448 | 36,752 | 17,069 | 17,103 |
| Tool steel (all forms)----- | 32,054 | 37,142 | 44,749 | 40,599 | 44,095 | 20,034 | 39,310 |
| Total----- | 300,756 | 306,764 | 337,556 | 339,571 | 358,272 | 147,584 | 179,933 |

1/ Includes tool steel.

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

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

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

(Short tons)

| Item | 1984 | 1985 | 1986 | 1987 | 1988 | January-May | |
|---|------------------|----------------|----------------|------------------|------------------|----------------|------------------|
| | | | | | | 1988 | 1989 |
| All grades of steel: | | | | | | | |
| Semifinished----- | 73,536 | 89,708 | 58,885 | 73,543 | 61,430 | 17,473 | 87,346 |
| Plate----- | 88,184 | 82,988 | 69,565 | 96,538 | 119,393 | 42,183 | 355,535 |
| Sheet and strip----- | 389,577 | 375,396 | 507,420 | 556,991 | 1,374,056 | 282,176 | 972,352 |
| Bars & certain shapes 1/----- | 133,595 | 99,096 | 81,224 | 121,869 | 141,461 | 49,352 | 91,547 |
| Wire rod----- | 8,646 | 4,740 | 5,876 | 8,217 | 10,161 | 3,706 | 11,769 |
| Wire----- | 19,979 | 19,146 | 26,760 | 26,669 | 36,668 | 11,631 | 12,546 |
| Wire products----- | 22,085 | 19,253 | 24,731 | 23,257 | 27,847 | 9,408 | 7,851 |
| Structural shapes & units-- | 119,256 | 89,031 | 71,525 | 101,373 | 111,614 | 44,113 | 99,610 |
| Rails & related products-- | 19,079 | 13,430 | 13,131 | 15,755 | 18,855 | 8,581 | 33,687 |
| Pipe and tube----- | 207,426 | 199,258 | 121,050 | 152,155 | 250,390 | 69,966 | 198,425 |
| Total----- | 1,081,363 | 992,046 | 980,167 | 1,176,367 | 2,151,875 | 538,589 | 1,870,668 |
| Carbon & certain alloy 2/ steel: | | | | | | | |
| Semifinished----- | 72,285 | 82,650 | 57,932 | 71,362 | 58,598 | 14,985 | 83,612 |
| Plate----- | 84,813 | 74,957 | 66,042 | 92,057 | 107,546 | 37,129 | 352,058 |
| Sheet and strip----- | 369,495 | 349,620 | 477,803 | 501,010 | 1,328,485 | 263,914 | 949,996 |
| Bars & certain shapes----- | 126,090 | 89,241 | 72,134 | 111,619 | 124,911 | 43,892 | 71,543 |
| Wire rod----- | 7,918 | 3,716 | 5,049 | 6,889 | 8,676 | 3,377 | 9,673 |
| Wire----- | 17,524 | 17,182 | 24,033 | 22,863 | 32,209 | 10,379 | 11,390 |
| Wire products----- | 22,085 | 19,253 | 24,731 | 23,257 | 27,847 | 9,408 | 7,851 |
| Structural shapes & units-- | 119,256 | 89,031 | 71,525 | 101,373 | 111,614 | 44,113 | 99,610 |
| Rails & related products-- | 19,079 | 13,430 | 13,131 | 15,755 | 18,855 | 8,581 | 33,687 |
| Pipe and tube----- | 199,778 | 193,309 | 118,010 | 143,405 | 244,192 | 67,805 | 194,511 |
| Total----- | 1,038,323 | 932,389 | 930,390 | 1,089,590 | 2,062,933 | 503,583 | 1,813,931 |
| Stainless & alloy tool steel: | | | | | | | |
| Stainless steel: | | | | | | | |
| Semifinished----- | 1,251 | 7,058 | 953 | 2,181 | 2,853 | 2,488 | 3,734 |
| Plate----- | 3,371 | 8,031 | 3,523 | 4,481 | 11,847 | 5,054 | 3,476 |
| Sheet and strip----- | 20,081 | 25,776 | 29,617 | 55,981 | 45,571 | 18,263 | 22,356 |
| Bars & certain shapes----- | 5,178 | 7,762 | 6,946 | 7,189 | 12,047 | 3,477 | 7,517 |
| Wire rod----- | 728 | 1,024 | 828 | 1,328 | 1,486 | 329 | 2,095 |
| Wire----- | 2,455 | 1,964 | 2,728 | 3,806 | 4,459 | 1,252 | 1,156 |
| Pipe and tube----- | 7,648 | 5,948 | 3,040 | 8,751 | 6,198 | 2,162 | 3,914 |
| Tool steel (all forms)----- | 2,326 | 2,094 | 2,144 | 3,061 | 4,502 | 1,983 | 12,487 |
| Total----- | 43,038 | 59,657 | 49,779 | 86,778 | 88,943 | 35,008 | 56,735 |

1/ Includes tool steel.

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

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

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

(Short tons)

| Item | 1984 | 1985 | 1986 | 1987 | 1988 | January-May | |
|---|-------------------|-------------------|-------------------|-------------------|--------------------|-------------------|-------------------|
| | | | | | | 1988 | 1989 |
| All grades of steel: | | | | | | | |
| Semifinished----- | 2,864,573 | 3,725,184 | 3,414,086 | 4,311,051 | 4,529,816 | 1,877,798 | 1,669,288 |
| Plate----- | 6,032,859 | 6,016,668 | 4,919,031 | 5,535,339 | 9,114,989 | 3,685,029 | 3,310,598 |
| Sheet and strip----- | 50,821,204 | 49,520,991 | 47,826,825 | 50,607,166 | 50,637,823 | 21,521,022 | 21,212,773 |
| Bars & certain shapes 1/-- | 14,821,191 | 14,119,002 | 13,496,786 | 14,174,922 | 15,922,539 | 6,306,958 | 6,669,628 |
| Wire rod----- | 4,671,178 | 4,433,174 | 4,850,509 | 5,297,601 | 5,528,360 | 2,364,940 | 2,266,468 |
| Wire----- | 1,614,576 | 1,467,474 | 1,353,121 | 1,316,275 | 2,121,014 | 939,170 | 951,768 |
| Wire products----- | 976,211 | 917,975 | 889,928 | 930,881 | 3/ | 3/ | 3/ |
| Structural shapes & units-- | 6,469,671 | 7,049,677 | 6,923,564 | 7,134,105 | 7,390,312 | 3,150,045 | 3,117,169 |
| Rails & related products-- | 1,593,711 | 1,299,929 | 910,276 | 734,794 | 807,855 | 377,562 | 394,199 |
| Pipe and tube----- | 9,498,172 | 8,385,854 | 5,671,711 | 6,192,583 | 7,479,551 | 3,384,261 | 2,435,154 |
| Total----- | 99,363,346 | 96,935,928 | 90,255,837 | 96,234,717 | 103,532,259 | 43,606,785 | 42,027,045 |
| Carbon & certain alloy 2/ steel: | | | | | | | |
| Semifinished----- | 2,812,444 | 3,675,194 | 3,347,830 | 4,179,443 | 4,552,574 | 1,823,763 | 1,604,592 |
| Plate----- | 5,912,929 | 5,871,738 | 4,790,280 | 5,369,622 | 8,928,117 | 3,613,394 | 3,226,908 |
| Sheet and strip----- | 49,883,919 | 48,579,016 | 46,905,469 | 49,593,209 | 49,520,590 | 21,046,504 | 20,736,206 |
| Bars & certain shapes----- | 14,557,499 | 13,864,208 | 13,248,440 | 13,922,706 | 15,650,297 | 6,187,763 | 6,551,640 |
| Wire rod----- | 4,601,146 | 4,384,259 | 4,796,440 | 5,232,865 | 5,452,877 | 2,331,799 | 2,241,898 |
| Wire----- | 1,564,984 | 1,424,976 | 1,313,652 | 1,274,263 | 2,075,234 | 920,638 | 930,616 |
| Wire products----- | 976,211 | 917,975 | 889,928 | 930,881 | 3/ | 3/ | 3/ |
| Structural shapes & units-- | 6,469,671 | 7,049,677 | 6,923,564 | 7,134,105 | 7,390,312 | 3,150,045 | 3,117,169 |
| Rails & related products-- | 1,593,711 | 1,299,929 | 910,276 | 734,794 | 807,855 | 377,562 | 394,199 |
| Pipe and tube----- | 9,423,935 | 8,310,739 | 5,599,237 | 6,133,106 | 7,393,506 | 3,346,904 | 2,399,693 |
| Total----- | 97,796,449 | 95,377,711 | 88,725,116 | 94,504,994 | 101,771,362 | 42,798,372 | 41,202,921 |
| Stainless & alloy tool steel: | | | | | | | |
| Stainless steel: | | | | | | | |
| Semifinished----- | 52,129 | 49,990 | 66,256 | 131,608 | 139,527 | 54,035 | 64,696 |
| Plate----- | 119,930 | 144,930 | 128,751 | 165,718 | 186,872 | 71,635 | 83,691 |
| Sheet and strip----- | 937,286 | 941,975 | 921,356 | 1,013,957 | 1,117,233 | 474,517 | 476,567 |
| Bars & certain shapes----- | 173,036 | 159,475 | 149,966 | 156,243 | 168,373 | 75,129 | 62,827 |
| Wire rod----- | 70,031 | 48,915 | 54,067 | 64,737 | 75,482 | 33,141 | 24,571 |
| Wire----- | 49,592 | 42,499 | 39,468 | 42,012 | 45,780 | 18,532 | 21,152 |
| Pipe and tube----- | 74,237 | 75,115 | 72,474 | 59,477 | 86,044 | 37,356 | 35,461 |
| Tool steel (all forms)----- | 90,657 | 95,318 | 98,380 | 95,973 | 103,870 | 44,065 | 55,161 |
| Total----- | 1,566,898 | 1,558,217 | 1,530,718 | 1,729,725 | 1,923,181 | 808,410 | 824,126 |

1/ Includes tool steel.

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

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

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

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

(Percent)

| Item | 1984 | 1985 | 1986 | 1987 | 1988 | January-May | |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | | | | | 1988 | 1989 |
| All grades of steel: | | | | | | | |
| Semifinished----- | 57.0 | 65.5 | 61.1 | 53.1 | 62.8 | 65.0 | 52.3 |
| Plate----- | 29.5 | 29.5 | 29.6 | 28.3 | 20.5 | 21.6 | 17.3 |
| Sheet and strip----- | 20.3 | 18.3 | 17.3 | 15.6 | 14.4 | 14.7 | 11.6 |
| Bars & certain shapes 1/-- | 11.6 | 11.0 | 10.9 | 9.6 | 9.1 | 8.9 | 7.9 |
| Wire rod----- | 34.0 | 33.3 | 28.1 | 27.7 | 27.0 | 28.9 | 21.9 |
| Wire----- | 41.0 | 41.0 | 43.0 | 42.0 | 39.0 | 70.0 | 68.0 |
| Wire products----- | 75.7 | 73.5 | 71.5 | 69.8 | 3/ | 3/ | 3/ |
| Structural shapes & units-- | 37.6 | 34.6 | 31.5 | 30.2 | 29.6 | 29.2 | 26.4 |
| Rails & related products-- | 23.5 | 29.4 | 30.3 | 33.5 | 39.5 | 33.7 | 39.0 |
| Pipe and tube----- | 57.2 | 53.5 | 52.1 | 44.8 | 43.9 | 44.8 | 41.7 |
| Total----- | 26.9 | 25.7 | 23.6 | 21.8 | 21.1 | 21.7 | 17.7 |
| Carbon & certain alloy 2/ steel: | | | | | | | |
| Semifinished----- | 57.5 | 66.1 | 61.7 | 53.4 | 61.1 | 65.7 | 52.5 |
| Plate----- | 30.0 | 30.0 | 30.1 | 29.0 | 20.8 | 21.8 | 17.5 |
| Sheet and strip----- | 20.4 | 18.3 | 17.3 | 15.6 | 14.5 | 14.8 | 11.6 |
| Bars & certain shapes----- | 11.3 | 10.6 | 10.5 | 9.2 | 8.7 | 8.5 | 7.3 |
| Wire rod----- | 34.1 | 33.2 | 28.0 | 27.7 | 27.0 | 29.0 | 21.7 |
| Wire----- | 41.0 | 41.0 | 43.0 | 42.0 | 39.0 | 38.0 | 16.0 |
| Wire products----- | 75.7 | 73.5 | 71.5 | 69.8 | 3/ | 3/ | 3/ |
| Structural shapes & units-- | 37.6 | 34.6 | 31.5 | 30.2 | 29.6 | 29.2 | 26.4 |
| Rails & related products-- | 23.5 | 29.4 | 30.3 | 33.5 | 39.5 | 33.7 | 39.0 |
| Pipe and tube----- | 57.3 | 53.6 | 52.2 | 44.8 | 44.0 | 44.8 | 41.6 |
| Total----- | 27.0 | 25.8 | 23.6 | 21.8 | 21.1 | 21.8 | 17.6 |
| Stainless & alloy tool steel: | | | | | | | |
| Stainless steel: | | | | | | | |
| Semifinished----- | 26.3 | 20.6 | 26.6 | 43.1 | 44.7 | 41.8 | 47.2 |
| Plate----- | 6.2 | 7.9 | 12.7 | 6.7 | 8.5 | 8.9 | 9.6 |
| Sheet and strip----- | 14.7 | 14.4 | 16.5 | 12.8 | 10.6 | 10.4 | 11.3 |
| Bars & certain shapes----- | 22.1 | 23.8 | 25.3 | 24.3 | 24.2 | 22.8 | 20.2 |
| Wire rod----- | 26.9 | 41.0 | 34.2 | 28.3 | 25.4 | 21.8 | 34.4 |
| Wire----- | 45.8 | 52.2 | 44.4 | 45.4 | 45.1 | 42.7 | 48.1 |
| Pipe and tube----- | 40.7 | 42.6 | 45.9 | 44.5 | 42.7 | 45.7 | 48.2 |
| Tool steel (all forms)----- | 35.4 | 39.0 | 45.5 | 42.3 | 42.5 | 45.5 | 71.3 |
| Total----- | 19.2 | 19.7 | 22.1 | 19.6 | 18.6 | 18.3 | 21.8 |

1/ Includes tool steel.

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

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

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

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

| Item | 1987 | 1988 | January--May | |
|--------------------------------|-------------------|-------------------|------------------|------------------|
| | | | 1988 | 1989 |
| Quantity (short tons) | | | | |
| VRA countries: | | | | |
| Australia ----- | 155,112 | 282,085 | 114,194 | 136,732 |
| Austria ----- | 119,666 | 138,101 | 50,224 | 24,357 |
| Brazil ----- | 1,152,972 | 1,476,896 | 573,113 | 579,203 |
| Czechoslovakia ----- | 29,792 | 37,301 | 11,346 | 1,396 |
| East Germany ----- | 95,910 | 92,239 | 38,348 | 20,926 |
| EC countries ----- | 5,314,371 | 5,766,991 | 2,233,399 | 1,904,098 |
| Finland ----- | 174,889 | 212,989 | 83,399 | 83,856 |
| Hungary ----- | 27,064 | 30,094 | 12,961 | 9,635 |
| Japan ----- | 4,384,621 | 4,343,898 | 1,877,923 | 1,636,490 |
| Mexico ----- | 491,204 | 488,367 | 211,978 | 130,012 |
| Peoples Rep of China ----- | 51,107 | 68,840 | 27,784 | 22,217 |
| Poland ----- | 91,936 | 89,648 | 46,795 | 25,693 |
| Portugal ----- | 31,087 | 22,739 | 12,655 | 3,774 |
| Romania ----- | 82,408 | 102,548 | 61,518 | 20,721 |
| Republic of South Africa ----- | 30,015 | 1,693 | 1,693 | 247 |
| Korea, Republic of ----- | 1,434,872 | 1,572,602 | 748,750 | 494,491 |
| Spain ----- | 520,988 | 486,490 | 197,552 | 240,422 |
| Trinidad and Tobago ----- | 62,575 | 31,518 | 12,767 | 9,200 |
| Venezuela ----- | 170,571 | 169,383 | 101,224 | 32,829 |
| Yugoslavia ----- | 15,394 | 12,751 | 4,062 | 2,421 |
| Total ----- | 14,436,554 | 15,427,173 | 6,421,685 | 5,378,720 |
| Other countries: | | | | |
| Canada ----- | 3,809,440 | 3,430,920 | 1,539,989 | 1,415,147 |
| Sweden ----- | 609,367 | 575,055 | 342,449 | 144,292 |
| Argentina ----- | 346,494 | 558,011 | 313,708 | 63,541 |
| Turkey ----- | 407,413 | 307,985 | 177,757 | 65,643 |
| Indonesia ----- | 235,573 | 281,142 | 111,176 | 34,284 |
| Taiwan ----- | 263,415 | 252,112 | 105,534 | 72,950 |
| Norway ----- | 154,231 | 181,502 | 89,113 | 47,474 |
| Thailand ----- | 120,179 | 160,364 | 81,372 | 37,524 |
| Singapore ----- | 144,538 | 153,164 | 38,805 | 31,765 |
| India ----- | 60,774 | 100,261 | 53,425 | 50,474 |
| All others----- | 350,496 | 441,375 | 191,442 | 98,607 |
| Total ----- | 6,501,920 | 6,441,891 | 3,044,770 | 2,061,701 |
| Grand total ----- | 20,938,474 | 21,869,064 | 9,466,455 | 7,440,421 |

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--May | |
|--------------------------------|------------------|-------------------|------------------|------------------|
| | | | 1988 | 1989 |
| Value (thousand dollars) | | | | |
| VRA countries: | | | | |
| Australia ----- | 70,374 | 118,494 | 47,330 | 55,758 |
| Austria ----- | 58,007 | 82,907 | 30,951 | 22,678 |
| Brazil ----- | 328,749 | 463,632 | 176,068 | 194,810 |
| Czechoslovakia ----- | 7,156 | 12,019 | 3,434 | 617 |
| East Germany ----- | 25,328 | 31,340 | 11,667 | 7,100 |
| EC countries----- | 2,197,086 | 2,721,224 | 1,016,517 | 1,045,122 |
| Finland ----- | 65,035 | 101,105 | 37,500 | 39,269 |
| Hungary ----- | 6,191 | 8,600 | 3,470 | 3,134 |
| Japan ----- | 2,189,840 | 2,562,005 | 1,066,112 | 1,034,077 |
| Mexico ----- | 204,210 | 240,693 | 96,750 | 77,879 |
| Peoples Rep of China ----- | 23,586 | 27,574 | 10,797 | 12,034 |
| Poland ----- | 27,141 | 30,281 | 14,924 | 9,560 |
| Portugal ----- | 15,163 | 10,575 | 6,316 | 2,395 |
| Romania ----- | 25,093 | 36,063 | 21,487 | 7,248 |
| Republic of South Africa ----- | 7,322 | 1,487 | 1,487 | 229 |
| Korea, Republic of ----- | 633,718 | 770,065 | 356,188 | 248,996 |
| Spain ----- | 200,168 | 249,811 | 87,167 | 128,796 |
| Trinidad and Tobago ----- | 15,482 | 8,602 | 3,461 | 3,006 |
| Venezuela ----- | 48,835 | 53,699 | 32,475 | 12,487 |
| Yugoslavia ----- | 5,404 | 5,947 | 1,862 | 1,008 |
| Total----- | 6,153,888 | 7,536,123 | 3,025,963 | 2,906,203 |
| Other countries: | | | | |
| Canada ----- | 1,660,699 | 1,706,602 | 744,338 | 766,213 |
| Sweden ----- | 301,016 | 358,878 | 175,459 | 131,243 |
| Argentina ----- | 122,695 | 221,845 | 116,128 | 27,562 |
| Turkey ----- | 123,568 | 93,038 | 51,594 | 22,428 |
| Indonesia ----- | 56,949 | 81,687 | 30,091 | 12,178 |
| Taiwan ----- | 118,228 | 134,663 | 51,861 | 45,128 |
| Norway ----- | 39,735 | 55,371 | 23,959 | 16,762 |
| Thailand ----- | 43,817 | 65,625 | 32,099 | 16,214 |
| Singapore ----- | 42,953 | 50,365 | 13,012 | 13,224 |
| India ----- | 22,889 | 43,769 | 22,587 | 20,488 |
| All others----- | 124,712 | 164,938 | 71,532 | 47,222 |
| Total----- | 2,657,261 | 2,976,781 | 1,332,660 | 1,118,662 |
| Grand total----- | 8,811,149 | 10,512,904 | 4,358,623 | 4,024,865 |

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

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

| Item | 1987 | 1988 | January-May | |
|--------------------------------|------------|------------|-------------|-----------|
| | | | 1988 | 1989 |
| Quantity (Short tons) | | | | |
| VRA countries: | | | | |
| Australia ----- | 155,077 | 202,683 | 90,709 | 100,729 |
| Austria ----- | 119,666 | 138,029 | 50,224 | 24,357 |
| Brazil ----- | 671,685 | 755,083 | 311,007 | 316,334 |
| Czechoslovakia ----- | 29,792 | 37,301 | 11,346 | 1,396 |
| East Germany ----- | 95,909 | 92,239 | 38,348 | 20,926 |
| EC----- | 4,358,698 | 4,611,870 | 1,762,746 | 1,548,058 |
| Finland ----- | 160,941 | 209,750 | 80,160 | 83,856 |
| Hungary ----- | 26,495 | 30,094 | 12,961 | 9,635 |
| Japan ----- | 4,291,332 | 4,264,692 | 1,844,864 | 1,598,022 |
| Mexico ----- | 429,320 | 424,451 | 178,680 | 118,753 |
| Peoples Rep of China ----- | 51,093 | 68,840 | 27,784 | 22,211 |
| Poland ----- | 90,476 | 89,295 | 46,516 | 25,426 |
| Portugal ----- | 31,087 | 22,739 | 12,655 | 3,774 |
| Romania ----- | 82,408 | 102,548 | 61,518 | 20,721 |
| Republic of South Africa ----- | 7,437 | 1,693 | 1,693 | 247 |
| Korea, Republic of ----- | 1,407,830 | 1,515,157 | 747,414 | 451,259 |
| Spain ----- | 484,083 | 449,539 | 174,150 | 232,083 |
| Trinidad and Tobago ----- | 62,575 | 28,460 | 12,767 | 9,200 |
| Venezuela ----- | 130,749 | 119,720 | 79,283 | 32,829 |
| Yugoslavia ----- | 15,394 | 12,751 | 4,062 | 2,421 |
| Total----- | 12,702,047 | 13,176,934 | 5,548,887 | 4,622,237 |
| Other countries: | | | | |
| Canada ----- | 3,673,795 | 3,327,082 | 1,500,929 | 1,374,646 |
| Argentina ----- | 343,363 | 535,190 | 290,888 | 63,479 |
| Turkey ----- | 407,413 | 307,985 | 177,757 | 65,643 |
| Indonesia ----- | 234,667 | 276,988 | 107,027 | 34,284 |
| Sweden ----- | 267,311 | 269,005 | 137,581 | 79,606 |
| Taiwan ----- | 263,415 | 252,112 | 105,534 | 72,950 |
| Thailand ----- | 120,179 | 160,364 | 81,372 | 37,524 |
| Singapore ----- | 144,538 | 153,164 | 38,805 | 31,765 |
| Norway ----- | 109,791 | 116,917 | 59,141 | 41,597 |
| India ----- | 60,774 | 100,261 | 53,425 | 50,474 |
| All others----- | 322,184 | 348,084 | 145,113 | 92,743 |
| Total----- | 5,947,430 | 5,847,152 | 2,697,572 | 1,944,711 |
| Grand total----- | 18,649,477 | 19,024,086 | 8,246,459 | 6,566,948 |

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-May | |
|------------------------------------|------|------|-------------|------|
| | | | 1988 | 1989 |
| Import/consumption ratio (percent) | | | | |
| VRA countries: | | | | |
| Australia ----- | .2 | .2 | .2 | .3 |
| Austria ----- | .1 | .1 | .1 | .1 |
| Brazil ----- | .7 | .8 | .8 | .8 |
| Czechoslovakia ----- | 2/ | 2/ | 2/ | 2/ |
| East Germany ----- | .1 | .1 | .1 | .1 |
| EC----- | 4.8 | 4.7 | 4.3 | 3.9 |
| Finland ----- | .2 | .2 | .2 | .2 |
| Hungary ----- | 2/ | 2/ | 2/ | 2/ |
| Japan ----- | 4.7 | 4.4 | 4.5 | 4.0 |
| Mexico ----- | .5 | .4 | .4 | .3 |
| Peoples Rep of China ----- | .1 | .1 | .1 | .1 |
| Poland ----- | .1 | .1 | .1 | .1 |
| Portugal ----- | 2/ | 2/ | 2/ | 2/ |
| Romania ----- | .1 | .1 | .1 | .1 |
| Republic of South Africa ----- | 2/ | 2/ | 2/ | 2/ |
| Korea, Republic of ----- | 1.6 | 1.5 | 1.8 | 1.1 |
| Spain ----- | .5 | .5 | .4 | .6 |
| Trinidad and Tobago ----- | .1 | 2/ | 2/ | 2/ |
| Venezuela ----- | .1 | .1 | .2 | .1 |
| Yugoslavia ----- | 2/ | 2/ | 2/ | 2/ |
| Total----- | 14.0 | 13.5 | 13.5 | 11.6 |
| Other countries: | | | | |
| Canada ----- | 4.1 | 3.4 | 3.6 | 3.4 |
| Argentina ----- | .4 | .5 | .7 | .2 |
| Turkey ----- | .4 | .3 | .4 | .2 |
| Indonesia ----- | .3 | .3 | .3 | .1 |
| Sweden ----- | .3 | .3 | .3 | .2 |
| Taiwan ----- | .3 | .3 | .3 | .2 |
| Thailand ----- | .1 | .2 | .2 | .1 |
| Singapore ----- | .2 | .2 | .1 | .1 |
| Norway ----- | .1 | .1 | .1 | .1 |
| India ----- | .1 | .1 | .1 | .1 |
| All others----- | .4 | .4 | .4 | .2 |
| Total----- | 6.6 | 6.0 | 6.6 | 4.9 |
| Grand total----- | 20.6 | 19.5 | 20.0 | 16.4 |

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

2/ Less than 0.05 percent.

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

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

| Source | Voluntary restraint level 2/ | 1987 | 1988 | January--May | |
|--------------------------|------------------------------|------------------|------------------|------------------|----------------|
| | | | | 1988 | 1989 |
| Quantity (short tons) | | | | | |
| VRA countries: | | | | | |
| Australia | 50,000 | 35 | 79,402 | 23,486 | 36,003 |
| Austria | 3/ | 0 | 73 | 0 | 0 |
| Brazil | 700,000 | 481,287 | 721,813 | 262,106 | 262,869 |
| Czechoslovakia | 3/ | 0 | 0 | 0 | 0 |
| East Germany | 3/ | 1 | 0 | 0 | 0 |
| EC Countries | 4/ 820,000 | 955,673 | 1,155,121 | 470,653 | 356,040 |
| Finland | 15,000 | 13,948 | 3,239 | 3,239 | 0 |
| Hungary | 3/ | 569 | 0 | 0 | 0 |
| Japan | 100,000 | 93,288 | 79,206 | 33,059 | 38,468 |
| Mexico | 100,000 | 61,884 | 63,916 | 33,298 | 11,259 |
| Peoples Rep of China | 3/ | 13 | 0 | 0 | 5 |
| Poland | 3/ | 1,460 | 353 | 279 | 267 |
| Portugal | 3/ | 0 | 0 | 0 | 0 |
| Romania | 3/ | 0 | 0 | 0 | 0 |
| Republic of South Africa | 5/ 100,000 | 22,578 | 0 | 0 | 0 |
| Korea, Republic of | 50,000 | 27,043 | 57,445 | 1,336 | 43,232 |
| Spain | 50,000 | 36,905 | 36,951 | 23,401 | 8,339 |
| Trinidad and Tobago | 3,500 | 0 | 3,058 | 0 | 0 |
| Venezuela | 60,000 | 39,822 | 49,663 | 21,941 | 0 |
| Yugoslavia | 3/ | 0 | 0 | 0 | 0 |
| Total | 2,048,500 | 1,734,506 | 2,250,240 | 872,798 | 756,482 |
| Other countries: | | | | | |
| Sweden | 6/ | 342,056 | 306,050 | 204,867 | 64,687 |
| Canada | 6/ | 135,645 | 103,838 | 39,060 | 40,501 |
| Norway | 6/ | 44,440 | 64,585 | 29,971 | 5,877 |
| Soviet Union | 6/ | 0 | 47,078 | 23,134 | 5,860 |
| New Zealand | 6/ | 28,212 | 46,214 | 23,195 | 0 |
| Argentina | 6/ | 3,131 | 22,820 | 22,820 | 62 |
| Indonesia | 6/ | 906 | 4,154 | 4,149 | 0 |
| Switzerland | 6/ | 99 | 0 | 0 | 1 |
| Taiwan | 6/ | 0 | 0 | 0 | 0 |
| Total | 6/ | 554,489 | 594,739 | 347,196 | 116,988 |
| Grand total | 2,048,500 | 2,288,995 | 2,844,979 | 1,219,994 | 873,470 |

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

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

3/ No explicit semifinished steel provisions.

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

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

6/ Not applicable.

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

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

| Item | 1987 | 1988 | January--May | |
|--------------------------------|------------------|------------------|------------------|----------------|
| | | | 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 | 262,106 | 262,869 |
| Czechoslovakia ----- | 0 | 0 | 0 | 0 |
| East Germany ----- | 2/ | 0 | 0 | 0 |
| EC countries ----- | 949,332 | 1,151,180 | 468,906 | 355,139 |
| Finland ----- | 13,948 | 3,239 | 3,239 | 0 |
| Hungary ----- | 569 | 0 | 0 | 0 |
| Japan ----- | 89,683 | 77,271 | 31,838 | 38,200 |
| Mexico ----- | 61,884 | 63,916 | 33,298 | 11,259 |
| 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 | 1,336 | 43,232 |
| Spain ----- | 36,537 | 30,268 | 22,964 | 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 | 869,393 | 748,307 |
| Other countries: | | | | |
| Sweden ----- | 334,207 | 291,559 | 198,124 | 60,821 |
| Canada ----- | 110,445 | 70,310 | 26,650 | 21,991 |
| Norway ----- | 44,440 | 64,585 | 29,971 | 5,877 |
| Soviet Union ----- | 0 | 47,078 | 23,134 | 5,860 |
| 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 | 328,043 | 94,611 |
| Grand total ----- | 2,232,270 | 2,782,571 | 1,197,436 | 842,918 |

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 ^{2/} -May | |
|--------------------------------|----------------|----------------|----------------------------|----------------|
| | | | 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 | 55,628 | 66,569 |
| Czechoslovakia ----- | 0 | 0 | 0 | 0 |
| East Germany ----- | 7 | 0 | 0 | 0 |
| EC countries ----- | 208,398 | 284,362 | 108,740 | 94,029 |
| Finland ----- | 2,945 | 770 | 770 | 0 |
| Hungary ----- | 128 | 0 | 0 | 0 |
| Japan ----- | 20,477 | 19,499 | 7,789 | 10,526 |
| Mexico ----- | 11,428 | 17,342 | 7,455 | 3,388 |
| 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 ----- | 3,548 | 0 | 0 | 0 |
| Korea, Republic of ----- | 4,809 | 14,573 | 550 | 10,557 |
| Spain ----- | 6,503 | 6,521 | 4,471 | 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 | 192,797 | 191,985 |
| Other countries: | | | | |
| Sweden ----- | 76,098 | 73,544 | 49,532 | 15,249 |
| Canada ----- | 26,940 | 21,337 | 7,644 | 9,239 |
| Norway ----- | 8,098 | 14,757 | 6,452 | 1,288 |
| Soviet Union ----- | 0 | 6,946 | 2,959 | 843 |
| 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 | 82,302 | 26,648 |
| Grand total ----- | 471,519 | 668,601 | 275,099 | 218,633 |

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

^{2/} Less than 0.5 short ton.

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

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

| Item | 1987 | 1988 | January--May | |
|--------------------------------|------------------|------------------|----------------|----------------|
| | | | 1988 | 1989 |
| Quantity (short tons) | | | | |
| VRA countries: | | | | |
| Australia ----- | 5,014 | 5,935 | 2,453 | 1,270 |
| Austria ----- | 9,701 | 21,426 | 7,404 | 872 |
| Brazil ----- | 112,608 | 171,537 | 56,776 | 69,700 |
| Czechoslovakia ----- | 10,416 | 16,455 | 4,272 | 628 |
| East Germany ----- | 16,091 | 17,270 | 7,162 | 3,357 |
| EC countries ----- | 381,994 | 467,491 | 167,468 | 152,988 |
| Finland ----- | 69,486 | 96,135 | 28,859 | 42,466 |
| Hungary ----- | 13,933 | 16,146 | 6,970 | 5,087 |
| Japan ----- | 35,903 | 44,538 | 13,595 | 17,934 |
| Mexico ----- | 12,930 | 20,867 | 8,222 | 4,875 |
| Peoples Rep of China ----- | 0 | 26 | 0 | 0 |
| Poland ----- | 30,633 | 30,860 | 13,922 | 12,043 |
| Portugal ----- | 0 | 0 | 0 | 0 |
| Romania ----- | 49,274 | 68,325 | 40,719 | 16,383 |
| Republic of South Africa ----- | 465 | 0 | 0 | 0 |
| Korea, Republic of ----- | 64,323 | 68,405 | 27,094 | 20,546 |
| Spain ----- | 63,973 | 48,484 | 22,406 | 18,932 |
| Trinidad and Tobago ----- | 0 | 389 | 0 | 0 |
| Venezuela ----- | 6,872 | 6,653 | 5,981 | 2,804 |
| Yugoslavia ----- | 0 | 1,423 | 0 | 0 |
| Total----- | 883,616 | 1,102,365 | 413,303 | 369,885 |
| Other countries: | | | | |
| Canada ----- | 449,135 | 419,556 | 198,434 | 130,852 |
| Sweden ----- | 106,253 | 110,743 | 49,826 | 32,635 |
| Indonesia ----- | 46,701 | 84,969 | 42,789 | 203 |
| Argentina ----- | 17,499 | 44,564 | 25,710 | 233 |
| India ----- | 35,711 | 34,780 | 22,392 | 26,469 |
| Egypt ----- | 0 | 21,147 | 9,150 | 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 | 550 | 4,321 |
| All others ----- | 4,290 | 5,507 | 4,254 | 2/ |
| Total----- | 671,961 | 754,725 | 376,028 | 194,881 |
| Grand total----- | 1,555,577 | 1,857,090 | 789,331 | 564,766 |

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--May | |
|--------------------------------|----------------|----------------|----------------|----------------|
| | | | 1988 | 1989 |
| Value (thousand dollars) | | | | |
| VRA countries: | | | | |
| Australia ----- | 2,285 | 3,190 | 1,276 | 595 |
| Austria ----- | 3,379 | 8,467 | 2,998 | 615 |
| Brazil ----- | 36,299 | 67,413 | 23,235 | 21,024 |
| Czechoslovakia ----- | 2,292 | 5,280 | 1,141 | 177 |
| East Germany ----- | 3,761 | 5,566 | 2,060 | 1,143 |
| EC countries ----- | 126,682 | 197,106 | 68,214 | 68,446 |
| Finland ----- | 18,573 | 38,528 | 10,414 | 15,233 |
| Hungary ----- | 3,104 | 4,494 | 1,774 | 1,580 |
| Japan ----- | 19,324 | 27,120 | 7,927 | 11,004 |
| Mexico ----- | 3,340 | 8,122 | 2,989 | 2,040 |
| Peoples Rep of China ----- | 0 | 28 | 0 | 0 |
| Poland ----- | 7,316 | 9,971 | 4,019 | 4,126 |
| Portugal ----- | 0 | 0 | 0 | 0 |
| Romania ----- | 13,447 | 22,680 | 13,765 | 5,588 |
| Republic of South Africa ----- | 145 | 0 | 0 | 0 |
| Korea, Republic of ----- | 21,560 | 28,496 | 10,923 | 7,949 |
| Spain ----- | 20,059 | 22,593 | 9,208 | 7,059 |
| Trinidad and Tobago ----- | 0 | 122 | 0 | 0 |
| Venezuela ----- | 1,762 | 2,062 | 1,809 | 951 |
| Yugoslavia ----- | 0 | 461 | 0 | 0 |
| Total----- | 283,328 | 451,699 | 161,752 | 147,530 |
| Other countries: | | | | |
| Canada ----- | 155,991 | 175,573 | 79,772 | 55,328 |
| Sweden ----- | 40,807 | 52,247 | 22,202 | 16,620 |
| Indonesia ----- | 12,461 | 25,597 | 12,447 | 57 |
| Argentina ----- | 4,317 | 14,038 | 8,247 | 81 |
| India ----- | 13,055 | 14,024 | 9,056 | 7,844 |
| Egypt ----- | 0 | 6,652 | 2,568 | 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 | 172 | 1,312 |
| All others----- | 1,708 | 1,855 | 1,398 | 6 |
| Total----- | 232,452 | 299,969 | 142,693 | 81,325 |
| Grand total----- | 515,780 | 751,668 | 304,445 | 228,855 |

^{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 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--May | |
|--------------------------------|------------------|------------------|------------------|------------------|
| | | | 1988 | 1989 |
| Quantity (short tons) | | | | |
| VRA countries: | | | | |
| Australia ----- | 123,054 | 169,338 | 74,956 | 85,080 |
| Austria ----- | 82,055 | 80,141 | 29,160 | 12,929 |
| Brazil ----- | 343,715 | 279,788 | 117,525 | 143,728 |
| Czechoslovakia ----- | 2,410 | 0 | 0 | 0 |
| East Germany ----- | 61,012 | 50,830 | 19,412 | 9,907 |
| EC countries----- | 2,172,597 | 2,143,264 | 784,762 | 620,482 |
| Finland ----- | 71,070 | 85,164 | 40,221 | 30,264 |
| Hungary ----- | 9,600 | 13,211 | 5,406 | 3,409 |
| Japan ----- | 2,381,393 | 2,209,538 | 922,630 | 878,940 |
| Mexico ----- | 127,973 | 139,529 | 59,930 | 36,137 |
| Peoples Rep of China ----- | 584 | 0 | 0 | 18 |
| Poland ----- | 13,390 | 11,005 | 6,931 | 0 |
| Portugal ----- | 29,872 | 16,837 | 12,486 | 3,002 |
| Romania ----- | 3,665 | 6,731 | 4,692 | 52 |
| Republic of South Africa ----- | 372 | 0 | 0 | 0 |
| Korea, Republic of ----- | 603,796 | 487,380 | 260,218 | 108,762 |
| Spain ----- | 100,179 | 88,988 | 38,402 | 39,688 |
| Trinidad and Tobago ----- | 0 | 63 | 0 | 0 |
| Venezuela ----- | 56,293 | 57,246 | 48,183 | 12,573 |
| Yugoslavia ----- | 0 | 0 | 0 | 11 |
| Total----- | 6,183,030 | 5,839,053 | 2,424,914 | 1,984,982 |
| Other countries: | | | | |
| Canada ----- | 1,119,490 | 856,040 | 394,718 | 346,674 |
| Argentina ----- | 175,619 | 243,388 | 170,948 | 2,712 |
| Taiwan ----- | 60,024 | 78,901 | 31,031 | 17,295 |
| Sweden ----- | 61,509 | 51,007 | 33,559 | 10,543 |
| New Zealand ----- | 10,795 | 29,118 | 5,258 | 39,955 |
| Algeria ----- | 11,632 | 21,102 | 14,488 | 0 |
| Indonesia ----- | 24,966 | 20,138 | 9,543 | 160 |
| Turkey ----- | 67,134 | 17,019 | 17,019 | 20 |
| Norway ----- | 15,629 | 14,466 | 4,613 | 7,584 |
| Pakistan ----- | 10,113 | 8,324 | 3,345 | 0 |
| All others----- | 6,653 | 6,824 | 2,617 | 2,110 |
| Total----- | 1,563,564 | 1,346,327 | 687,139 | 427,053 |
| Grand total----- | 7,746,594 | 7,185,380 | 3,112,053 | 2,412,035 |

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--May | |
|--------------------------------|------------------|------------------|------------------|------------------|
| | | | 1988 | 1989 |
| Value (thousand dollars) | | | | |
| VRA countries: | | | | |
| Australia ----- | 59,001 | 90,392 | 38,278 | 42,073 |
| Austria ----- | 26,289 | 31,089 | 11,339 | 5,361 |
| Brazil ----- | 119,782 | 111,040 | 43,965 | 57,927 |
| Czechoslovakia ----- | 644 | 0 | 0 | 0 |
| East Germany ----- | 17,087 | 18,100 | 6,592 | 3,506 |
| EC countries----- | 877,390 | 995,304 | 354,408 | 311,881 |
| Finland ----- | 25,253 | 32,525 | 15,518 | 12,728 |
| Hungary ----- | 2,371 | 3,751 | 1,430 | 1,067 |
| Japan ----- | 1,208,940 | 1,211,321 | 501,360 | 501,536 |
| Mexico ----- | 60,338 | 77,632 | 31,786 | 21,714 |
| Peoples Rep of China ----- | 114 | 0 | 0 | 7 |
| Poland ----- | 5,198 | 5,049 | 3,111 | 0 |
| Portugal ----- | 14,108 | 8,172 | 6,080 | 1,600 |
| Romania ----- | 1,246 | 2,176 | 1,460 | 36 |
| Republic of South Africa ----- | 124 | 0 | 0 | 0 |
| Korea, Republic of ----- | 234,228 | 209,663 | 111,026 | 44,045 |
| Spain ----- | 40,855 | 41,812 | 16,204 | 18,481 |
| Trinidad and Tobago ----- | 0 | 19 | 0 | 0 |
| Venezuela ----- | 18,728 | 22,121 | 18,367 | 5,138 |
| Yugoslavia ----- | 0 | 0 | 0 | 6 |
| Total----- | 2,711,696 | 2,860,166 | 1,160,924 | 1,027,106 |
| Other countries: | | | | |
| Canada ----- | 463,992 | 381,804 | 171,757 | 166,496 |
| Argentina ----- | 64,208 | 92,033 | 64,339 | 1,208 |
| Taiwan ----- | 22,313 | 31,494 | 12,153 | 7,480 |
| Sweden ----- | 37,494 | 39,376 | 21,833 | 14,311 |
| New Zealand ----- | 5,600 | 11,315 | 2,012 | 17,235 |
| Algeria ----- | 4,076 | 8,668 | 6,264 | 0 |
| Indonesia ----- | 6,638 | 7,569 | 2,960 | 76 |
| Turkey ----- | 27,144 | 6,256 | 6,256 | 9 |
| Norway ----- | 7,955 | 7,909 | 2,455 | 4,844 |
| Pakistan ----- | 2,221 | 3,600 | 2,243 | 0 |
| All others----- | 2,985 | 3,066 | 1,235 | 963 |
| Total----- | 644,626 | 593,090 | 293,507 | 212,622 |
| Grand total----- | 3,356,322 | 3,453,256 | 1,454,431 | 1,239,728 |

^{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--May | |
|--------------------------------|------------------|------------------|----------------|----------------|
| | | | 1988 | 1989 |
| Quantity (short tons) | | | | |
| VRA countries: | | | | |
| Australia ----- | 117 | 826 | 30 | 36 |
| Austria ----- | 394 | 693 | 89 | 264 |
| Brazil ----- | 50,090 | 96,561 | 43,932 | 25,187 |
| Czechoslovakia ----- | 0 | 0 | 0 | 0 |
| East Germany ----- | 2 | 0 | 0 | 0 |
| EC countries----- | 209,024 | 222,242 | 70,243 | 67,017 |
| Finland ----- | 2,752 | 4,081 | 1,307 | 1,831 |
| Hungary ----- | 43 | 146 | 0 | 0 |
| Japan ----- | 154,408 | 107,959 | 52,414 | 34,015 |
| Mexico ----- | 31,521 | 22,813 | 10,211 | 3,659 |
| Peoples Rep of China ----- | 4,820 | 3,441 | 1,819 | 1,075 |
| Poland ----- | 1,037 | 1,282 | 442 | 1,438 |
| Portugal ----- | 0 | 2/ | 2/ | 0 |
| Romania ----- | 122 | 29 | 29 | 0 |
| Republic of South Africa ----- | 221 | 0 | 0 | 0 |
| Korea, Republic of ----- | 56,173 | 74,249 | 38,419 | 36,255 |
| Spain ----- | 30,581 | 38,094 | 18,838 | 11,985 |
| Trinidad and Tobago ----- | 18,047 | 15,404 | 7,247 | 9,189 |
| Venezuela ----- | 13,530 | 19,962 | 3,193 | 4,735 |
| Yugoslavia ----- | 287 | 0 | 0 | 0 |
| Total----- | 573,169 | 607,782 | 248,213 | 196,686 |
| Other countries: | | | | |
| Canada ----- | 379,637 | 429,634 | 181,048 | 181,656 |
| Turkey ----- | 94,882 | 102,560 | 38,094 | 49,718 |
| Indonesia ----- | 44,957 | 54,015 | 0 | 1,925 |
| Argentina ----- | 18,954 | 50,982 | 15,194 | 14,034 |
| Norway ----- | 28,347 | 36,346 | 18,009 | 11,995 |
| Taiwan ----- | 44,665 | 32,265 | 14,959 | 6,216 |
| Singapore ----- | 39,869 | 19,311 | 0 | 6,237 |
| India ----- | 10,014 | 11,249 | 4,861 | 4,024 |
| Sweden ----- | 7,255 | 9,099 | 4,253 | 1,407 |
| Israel ----- | 619 | 5,943 | 78 | 42 |
| All others----- | 38,800 | 1,924 | 506 | 1,403 |
| Total----- | 707,999 | 753,328 | 277,002 | 278,657 |
| Grand total----- | 1,281,168 | 1,361,110 | 525,215 | 475,343 |

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--May | |
|--------------------------------|----------------|----------------|----------------|----------------|
| | | | 1988 | 1989 |
| Value (thousand dollars) | | | | |
| VRA countries: | | | | |
| Australia ----- | 92 | 332 | 10 | 11 |
| Austria ----- | 590 | 667 | 138 | 477 |
| Brazil ----- | 15,461 | 29,058 | 12,674 | 9,533 |
| Czechoslovakia ----- | 0 | 0 | 0 | 0 |
| East Germany ----- | 1 | 0 | 0 | 0 |
| EC countries ----- | 154,145 | 116,081 | 36,342 | 39,206 |
| Finland ----- | 1,685 | 2,705 | 795 | 1,366 |
| Hungary ----- | 14 | 63 | 0 | 0 |
| Japan ----- | 62,568 | 49,339 | 22,796 | 17,332 |
| Mexico ----- | 8,595 | 8,588 | 3,783 | 1,423 |
| Peoples Rep of China ----- | 1,683 | 1,314 | 592 | 375 |
| Poland ----- | 548 | 845 | 307 | 794 |
| Portugal ----- | 0 | 2 | 2 | 0 |
| Romania ----- | 600 | 103 | 103 | 0 |
| Republic of South Africa ----- | 71 | 0 | 0 | 0 |
| Korea, Republic of ----- | 15,094 | 20,439 | 10,126 | 10,459 |
| Spain ----- | 11,163 | 17,305 | 7,960 | 5,928 |
| Trinidad and Tobago ----- | 5,496 | 3,968 | 1,815 | 2,975 |
| Venezuela ----- | 3,187 | 5,392 | 981 | 1,420 |
| Yugoslavia ----- | 73 | 0 | 0 | 0 |
| Total ----- | 281,066 | 256,201 | 98,424 | 91,299 |
| Other countries: | | | | |
| Canada ----- | 146,520 | 186,448 | 77,789 | 78,614 |
| Turkey ----- | 24,960 | 28,951 | 9,939 | 15,258 |
| Indonesia ----- | 9,076 | 14,691 | 0 | 518 |
| Argentina ----- | 4,865 | 16,442 | 4,515 | 5,630 |
| Norway ----- | 5,906 | 8,963 | 4,105 | 3,268 |
| Taiwan ----- | 11,531 | 10,022 | 4,235 | 2,146 |
| Singapore ----- | 10,128 | 5,104 | 0 | 2,595 |
| India ----- | 3,490 | 3,952 | 1,753 | 1,717 |
| Sweden ----- | 4,732 | 5,737 | 2,343 | 1,294 |
| Israel ----- | 191 | 1,616 | 72 | 18 |
| All others ----- | 9,814 | 1,111 | 346 | 562 |
| Total ----- | 231,213 | 283,037 | 105,097 | 111,620 |
| Grand total ----- | 512,279 | 539,238 | 203,521 | 202,919 |

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

^{2/} Less than 0.5 short ton.

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

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

| Item | 1987 | 1988 | January--May | |
|--------------------------------|------------------|------------------|----------------|----------------|
| | | | 1988 | 1989 |
| Quantity (short tons) | | | | |
| VRA countries: | | | | |
| Australia ----- | 9,664 | 9,551 | 6,175 | 6,937 |
| Austria ----- | 401 | 601 | 258 | 1,111 |
| Brazil ----- | 50,183 | 58,383 | 26,656 | 24,386 |
| Czechoslovakia ----- | 10,307 | 13,661 | 3,591 | 0 |
| East Germany ----- | 12,806 | 16,306 | 7,548 | 4,352 |
| EC countries ----- | 235,247 | 248,578 | 101,612 | 71,640 |
| Finland ----- | 2,237 | 2,237 | 0 | 108 |
| Hungary ----- | 2,862 | 0 | 0 | 0 |
| Japan ----- | 245,672 | 276,003 | 118,707 | 115,258 |
| Mexico ----- | 62,826 | 58,389 | 23,599 | 12,530 |
| 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 | 718 | 387 |
| Spain ----- | 40,302 | 37,258 | 18,806 | 25,139 |
| Trinidad and Tobago ----- | 43,094 | 11,312 | 4,708 | 0 |
| Venezuela ----- | 4,471 | 8,916 | 5,609 | 335 |
| Yugoslavia ----- | 0 | 0 | 0 | 0 |
| Total----- | 720,504 | 754,154 | 322,348 | 262,208 |
| Other countries: | | | | |
| Canada ----- | 390,071 | 360,096 | 175,876 | 185,005 |
| Turkey ----- | 61,072 | 126,791 | 91,887 | 0 |
| Indonesia ----- | 97,932 | 84,414 | 43,766 | 16,098 |
| Singapore ----- | 60,425 | 81,904 | 17,432 | 13,488 |
| Sweden ----- | 10,079 | 18,464 | 11,396 | 1,963 |
| Saudi Arabia ----- | 42,619 | 17,972 | 8,823 | 0 |
| Taiwan ----- | 15,798 | 16,843 | 5,475 | 8,601 |
| 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 | 354,718 | 225,200 |
| Grand total----- | 1,448,720 | 1,474,623 | 677,066 | 487,408 |

See footnote(s) at end of table.

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

| Item | 1987 | 1988 | January--May | |
|--------------------------------|----------------|----------------|----------------|----------------|
| | | | 1988 | 1989 |
| Value (thousand dollars) | | | | |
| VRA countries: | | | | |
| Australia ----- | 1,983 | 2,103 | 1,317 | 1,497 |
| Austria ----- | 179 | 248 | 109 | 301 |
| Brazil ----- | 12,145 | 16,380 | 7,515 | 6,655 |
| Czechoslovakia ----- | 2,164 | 3,234 | 789 | 0 |
| East Germany ----- | 2,585 | 3,547 | 1,521 | 1,060 |
| EC countries ----- | 84,580 | 97,970 | 38,875 | 27,674 |
| Finland ----- | 692 | 741 | 0 | 35 |
| Hungary ----- | 557 | 0 | 0 | 0 |
| Japan ----- | 103,044 | 124,039 | 50,576 | 53,816 |
| Mexico ----- | 14,093 | 15,344 | 5,874 | 3,082 |
| 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 | 315 | 236 |
| Spain ----- | 11,411 | 10,435 | 5,046 | 7,276 |
| Trinidad and Tobago ----- | 9,538 | 3,293 | 1,367 | 0 |
| Venezuela ----- | 1,014 | 2,000 | 1,279 | 88 |
| Yugoslavia ----- | 0 | 0 | 0 | 0 |
| Total ----- | 244,164 | 282,467 | 115,475 | 101,727 |
| Other countries: | | | | |
| Canada ----- | 127,412 | 130,836 | 61,999 | 66,908 |
| Turkey ----- | 13,673 | 32,337 | 23,400 | 0 |
| Indonesia ----- | 21,082 | 20,363 | 9,561 | 4,363 |
| Singapore ----- | 14,388 | 21,983 | 4,260 | 4,507 |
| Sweden ----- | 6,215 | 9,831 | 4,775 | 1,560 |
| Saudi Arabia ----- | 8,616 | 3,719 | 1,791 | 0 |
| Taiwan ----- | 6,199 | 6,764 | 2,144 | 3,842 |
| 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 | 107,945 | 81,198 |
| Grand total ----- | 453,316 | 511,809 | 223,420 | 182,925 |

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

2/ Less than 0.5 short ton.

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

Table 15.--Carbon and certain alloy $\frac{1}{2}$ steel wire: U.S. imports for consumption, by specified sources, 1987, 1988, and by specified periods, 1988 and 1989

| Item | 1987 | 1988 | January--May | |
|--------------------------------|----------------|----------------|----------------|----------------|
| | | | 1988 | 1989 |
| Quantity (short tons) | | | | |
| VRA countries: | | | | |
| Australia ----- | 4,963 | 4,488 | 1,337 | 1,794 |
| Austria ----- | 2,484 | 1,731 | 699 | 793 |
| Brazil ----- | 10,577 | 14,128 | 6,998 | 5,241 |
| Czechoslovakia ----- | 0 | 0 | 0 | 24 |
| East Germany ----- | 89 | 0 | 0 | 0 |
| EC countries ----- | 174,468 | 168,458 | 75,032 | 63,912 |
| Finland ----- | 400 | 476 | 265 | 59 |
| Hungary ----- | 57 | 0 | 0 | 0 |
| Japan ----- | 96,684 | 78,468 | 34,713 | 30,343 |
| Mexico ----- | 3,991 | 2,712 | 955 | 556 |
| Peoples Rep of China ----- | 7,302 | 9,720 | 3,274 | 4,192 |
| Poland ----- | 2 | 116 | 0 | 56 |
| 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 | 2,511 | 2,799 |
| Spain ----- | 40 | 22 | 22 | 75 |
| Trinidad and Tobago ----- | 1,435 | 1,060 | 718 | 0 |
| Venezuela ----- | 7,717 | 5,996 | 3,382 | 1,360 |
| Yugoslavia ----- | 42 | 3 | 0 | 0 |
| Total----- | 318,664 | 295,114 | 129,906 | 111,204 |
| Other countries: | | | | |
| Canada ----- | 194,819 | 193,243 | 85,829 | 85,269 |
| Sweden ----- | 7,745 | 7,532 | 3,218 | 3,171 |
| Taiwan ----- | 3,217 | 4,897 | 2,001 | 1,168 |
| India ----- | 2,572 | 4,108 | 1,690 | 2,219 |
| Saudi Arabia ----- | 0 | 4,000 | 0 | 0 |
| Switzerland ----- | 1,372 | 2,591 | 1,085 | 1,058 |
| Argentina ----- | 1,170 | 2,491 | 926 | 2,657 |
| Chile ----- | 1,379 | 2,146 | 1,062 | 756 |
| Ecuador ----- | 18 | 1,430 | 151 | 1,006 |
| Norway ----- | 2,476 | 1,312 | 491 | 388 |
| All others----- | 3,464 | 865 | 351 | 636 |
| Total----- | 218,232 | 224,615 | 96,804 | 98,328 |
| Grand total----- | 536,896 | 519,729 | 226,710 | 209,532 |

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--May | |
|--------------------------------|----------------|----------------|----------------|----------------|
| | | | 1988 | 1989 |
| Value (thousand dollars) | | | | |
| VRA countries: | | | | |
| Australia ----- | 2,329 | 2,018 | 625 | 811 |
| Austria ----- | 3,613 | 2,584 | 1,163 | 1,145 |
| Brazil ----- | 4,944 | 6,207 | 2,945 | 2,759 |
| Czechoslovakia ----- | 0 | 0 | 0 | 16 |
| East Germany ----- | 24 | 0 | 0 | 0 |
| EC countries ----- | 129,054 | 141,173 | 61,314 | 58,542 |
| Finland ----- | 170 | 231 | 122 | 17 |
| Hungary ----- | 17 | 0 | 0 | 0 |
| Japan ----- | 64,973 | 61,637 | 25,553 | 25,867 |
| Mexico ----- | 1,681 | 1,320 | 449 | 328 |
| Peoples Rep of China ----- | 2,868 | 4,165 | 1,438 | 1,823 |
| Poland ----- | 3 | 59 | 0 | 29 |
| 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 | 1,435 | 1,730 |
| Spain ----- | 33 | 37 | 37 | 87 |
| Trinidad and Tobago ----- | 448 | 354 | 253 | 0 |
| Venezuela ----- | 3,802 | 3,096 | 1,635 | 874 |
| Yugoslavia ----- | 24 | 9 | 0 | 0 |
| Total ----- | 218,950 | 227,557 | 96,969 | 94,028 |
| Other countries: | | | | |
| Canada ----- | 101,960 | 109,405 | 47,425 | 50,593 |
| Sweden ----- | 10,304 | 10,678 | 4,216 | 4,410 |
| Taiwan ----- | 1,964 | 2,903 | 1,054 | 1,132 |
| India ----- | 883 | 1,518 | 627 | 828 |
| Saudi Arabia ----- | 0 | 810 | 0 | 0 |
| Switzerland ----- | 898 | 1,525 | 646 | 686 |
| Argentina ----- | 499 | 1,245 | 556 | 1,229 |
| Chile ----- | 532 | 946 | 441 | 405 |
| Ecuador ----- | 9 | 652 | 74 | 491 |
| Norway ----- | 1,427 | 1,177 | 420 | 319 |
| All others ----- | 1,385 | 483 | 177 | 357 |
| Total ----- | 119,861 | 131,342 | 55,636 | 60,450 |
| Grand total ----- | 338,811 | 358,899 | 152,605 | 154,478 |

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

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

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

| Item | 1987 | 1988 | January--May | |
|--------------------------------|----------------|----------------|----------------|----------------|
| | | | 1988 | 1989 |
| Quantity (short tons) | | | | |
| VRA countries: | | | | |
| Australia ----- | 291 | 5 | 2 | 0 |
| Austria ----- | 1,113 | 956 | 143 | 1,841 |
| Brazil ----- | 10,382 | 15,018 | 5,783 | 5,420 |
| Czechoslovakia ----- | 0 | 0 | 0 | 0 |
| East Germany ----- | 0 | 0 | 0 | 0 |
| EC countries ----- | 34,544 | 23,220 | 10,945 | 32,119 |
| Finland ----- | 0 | 1 | 2/ | 2/ |
| Hungary ----- | 0 | 0 | 0 | 0 |
| Japan ----- | 50,318 | 23,536 | 11,870 | 26,126 |
| Mexico ----- | 14,577 | 13,693 | 6,394 | 5,907 |
| Peoples Rep of China ----- | 36,253 | 36,866 | 15,691 | 16,275 |
| Poland ----- | 19,213 | 16,070 | 7,676 | 4,928 |
| Portugal ----- | 683 | 380 | 169 | 220 |
| Romania ----- | 6,859 | 143 | 143 | 0 |
| Republic of South Africa ----- | 4,340 | 1,550 | 1,550 | 246 |
| Korea, Republic of ----- | 186,794 | 192,127 | 84,382 | 70,316 |
| Spain ----- | 18,997 | 14,765 | 6,225 | 15,321 |
| Trinidad and Tobago ----- | 0 | 94 | 94 | 0 |
| Venezuela ----- | 2,683 | 1,352 | 703 | 5,266 |
| Yugoslavia ----- | 7,882 | 7,314 | 2,458 | 2,407 |
| Total ----- | 394,929 | 347,090 | 154,228 | 186,392 |
| Other countries: | | | | |
| Canada ----- | 106,028 | 98,251 | 42,700 | 47,620 |
| Turkey ----- | 37,393 | 23,631 | 7,336 | 4,423 |
| United Arab Emirates ----- | 7,787 | 20,059 | 8,112 | 7,170 |
| Indonesia ----- | 11,116 | 18,621 | 5,208 | 8,101 |
| Argentina ----- | 12,069 | 18,002 | 6,127 | 7,010 |
| Taiwan ----- | 37,689 | 13,715 | 5,483 | 6,650 |
| Thailand ----- | 20,516 | 8,627 | 2,839 | 10,122 |
| Chile ----- | 10,919 | 8,459 | 3,402 | 2,275 |
| India ----- | 505 | 4,571 | 1,247 | 3,298 |
| Saudi Arabia ----- | 305 | 3,718 | 2,529 | 3,626 |
| All others ----- | 10,123 | 7,707 | 3,000 | 5,180 |
| Total ----- | 254,450 | 225,361 | 87,983 | 105,475 |
| Grand total ----- | 649,379 | 572,451 | 242,211 | 291,867 |

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--May | |
|--------------------------------|----------------|----------------|----------------|----------------|
| | | | 1988 | 1989 |
| Value (thousand dollars) | | | | |
| VRA countries: | | | | |
| Australia ----- | 249 | 20 | 13 | 0 |
| Austria ----- | 1,973 | 1,556 | 361 | 4,070 |
| Brazil ----- | 4,592 | 7,169 | 2,745 | 2,997 |
| Czechoslovakia ----- | 0 | 0 | 0 | 0 |
| East Germany ----- | 0 | 0 | 0 | 0 |
| EC countries----- | 27,128 | 24,443 | 9,663 | 69,854 |
| Finland ----- | 0 | 96 | 4 | 4 |
| Hungary ----- | 0 | 0 | 0 | 0 |
| Japan ----- | 46,874 | 28,992 | 13,201 | 50,462 |
| Mexico ----- | 7,758 | 8,903 | 3,924 | 5,870 |
| Peoples Rep of China ----- | 17,786 | 14,640 | 6,305 | 9,436 |
| Poland ----- | 7,056 | 5,403 | 2,653 | 1,688 |
| Portugal ----- | 820 | 530 | 234 | 325 |
| Romania ----- | 2,424 | 44 | 44 | 0 |
| Republic of South Africa ----- | 2,199 | 792 | 792 | 225 |
| Korea, Republic of ----- | 128,818 | 138,561 | 56,914 | 61,380 |
| Spain ----- | 11,866 | 8,752 | 3,524 | 16,213 |
| Trinidad and Tobago ----- | 0 | 27 | 27 | 0 |
| Venezuela ----- | 498 | 387 | 208 | 1,614 |
| Yugoslavia ----- | 2,845 | 3,027 | 1,086 | 998 |
| Total----- | 262,886 | 243,342 | 101,698 | 225,136 |
| Other countries: | | | | |
| Canada ----- | 73,873 | 70,198 | 29,825 | 39,639 |
| Turkey ----- | 12,966 | 8,700 | 2,518 | 2,525 |
| United Arab Emirates ----- | 2,582 | 7,562 | 3,084 | 2,814 |
| Indonesia ----- | 4,341 | 6,881 | 1,874 | 3,747 |
| Argentina ----- | 5,105 | 7,943 | 2,617 | 3,568 |
| Taiwan ----- | 24,306 | 12,448 | 4,936 | 7,756 |
| Thailand ----- | 10,027 | 5,332 | 1,917 | 3,969 |
| Chile ----- | 4,662 | 3,991 | 1,676 | 1,242 |
| India ----- | 263 | 2,659 | 594 | 2,445 |
| Saudi Arabia ----- | 103 | 1,239 | 855 | 1,322 |
| All others----- | 6,976 | 6,778 | 2,573 | 8,127 |
| Total----- | 145,204 | 133,731 | 52,469 | 77,154 |
| Grand total----- | 408,090 | 377,073 | 154,167 | 302,290 |

^{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--May | |
|--------------------------------|------------------|------------------|----------------|----------------|
| | | | 1988 | 1989 |
| Quantity (short tons) | | | | |
| VRA countries: | | | | |
| Australia ----- | 55 | 139 | 41 | 229 |
| Austria ----- | 377 | 1,541 | 109 | 266 |
| Brazil ----- | 11,926 | 20,210 | 12,399 | 5,729 |
| Czechoslovakia ----- | 0 | 0 | 0 | 0 |
| East Germany ----- | 0 | 0 | 0 | 0 |
| EC countries----- | 645,485 | 732,369 | 281,875 | 288,935 |
| Finland ----- | 341 | 118 | 101 | 2,257 |
| Hungary ----- | 0 | 0 | 0 | 0 |
| Japan ----- | 629,977 | 590,217 | 257,605 | 222,516 |
| Mexico ----- | 17,953 | 24,912 | 10,741 | 5,884 |
| Peoples Rep of China ----- | 8 | 208 | 34 | 211 |
| Poland ----- | 18,559 | 14,059 | 8,314 | 4,624 |
| Portugal ----- | 122 | 0 | 0 | 2/ |
| Romania ----- | 0 | 19 | 0 | 48 |
| Republic of South Africa ----- | 933 | 143 | 143 | 0 |
| Korea, Republic of ----- | 135,070 | 169,302 | 87,713 | 48,911 |
| Spain ----- | 177,434 | 171,068 | 47,593 | 84,117 |
| Trinidad and Tobago ----- | 0 | 0 | 0 | 11 |
| Venezuela ----- | 0 | 2/ | 0 | 43 |
| Yugoslavia ----- | 0 | 263 | 0 | 0 |
| Total----- | 1,638,240 | 1,724,568 | 706,668 | 663,781 |
| Other countries: | | | | |
| Canada ----- | 398,180 | 338,187 | 150,260 | 110,461 |
| Norway ----- | 61,316 | 64,361 | 35,805 | 21,480 |
| Argentina ----- | 17,757 | 27,523 | 17,166 | 16,853 |
| Taiwan ----- | 17,179 | 9,020 | 4,190 | 3,581 |
| New Zealand ----- | 9,076 | 8,242 | 2,400 | 3,439 |
| Indonesia ----- | 0 | 4,074 | 0 | 3,251 |
| Sweden ----- | 2,170 | 3,925 | 1,300 | 690 |
| Thailand ----- | 0 | 3,278 | 44 | 0 |
| Singapore ----- | 6,702 | 3,129 | 1,679 | 144 |
| Switzerland ----- | 131 | 626 | 473 | 27 |
| All others----- | 2,917 | 1,534 | 904 | 582 |
| Total----- | 515,428 | 463,899 | 214,221 | 160,508 |
| Grand total----- | 2,153,668 | 2,188,467 | 920,889 | 824,289 |

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--May | |
|--------------------------------|----------------|----------------|----------------|----------------|
| | | | 1988 | 1989 |
| Value (thousand dollars) | | | | |
| VRA countries: | | | | |
| Australia ----- | 54 | 135 | 32 | 817 |
| Austria ----- | 1,455 | 1,865 | 660 | 821 |
| Brazil ----- | 4,099 | 8,055 | 4,255 | 2,267 |
| Czechoslovakia ----- | 0 | 0 | 0 | 0 |
| East Germany ----- | 0 | 0 | 0 | 0 |
| EC countries ----- | 222,416 | 294,725 | 112,852 | 114,791 |
| Finland ----- | 336 | 248 | 162 | 2,693 |
| Hungary ----- | 0 | 0 | 0 | 0 |
| Japan ----- | 189,574 | 228,010 | 94,182 | 89,839 |
| Mexico ----- | 7,074 | 11,585 | 4,579 | 3,068 |
| Peoples Rep of China ----- | 71 | 154 | 18 | 161 |
| Poland ----- | 3,990 | 3,587 | 2,041 | 1,341 |
| Portugal ----- | 78 | 0 | 0 | 8 |
| Romania ----- | 0 | 11 | 0 | 21 |
| Republic of South Africa ----- | 573 | 694 | 694 | 0 |
| Korea, Republic of ----- | 59,530 | 84,018 | 44,247 | 20,619 |
| Spain ----- | 48,816 | 62,180 | 14,643 | 30,214 |
| Trinidad and Tobago ----- | 0 | 0 | 0 | 32 |
| Venezuela ----- | 0 | 1 | 0 | 13 |
| Yugoslavia ----- | 0 | 393 | 0 | 0 |
| Total----- | 538,066 | 695,661 | 278,365 | 266,705 |
| Other countries: | | | | |
| Canada ----- | 220,522 | 201,529 | 85,361 | 70,135 |
| Norway ----- | 15,052 | 21,943 | 10,237 | 6,813 |
| Argentina ----- | 4,186 | 7,274 | 4,550 | 4,788 |
| Taiwan ----- | 9,331 | 5,476 | 2,719 | 3,323 |
| New Zealand ----- | 9,040 | 8,814 | 3,373 | 3,902 |
| Indonesia ----- | 0 | 1,173 | 0 | 951 |
| Sweden ----- | 7,243 | 5,413 | 3,371 | 1,861 |
| Thailand ----- | 0 | 1,711 | 21 | 0 |
| Singapore ----- | 4,293 | 2,903 | 1,205 | 133 |
| Switzerland ----- | 818 | 1,557 | 817 | 131 |
| All others ----- | 6,366 | 1,349 | 842 | 575 |
| Total----- | 276,851 | 259,142 | 112,496 | 92,612 |
| Grand total----- | 814,917 | 954,803 | 390,861 | 359,317 |

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

| Item | 1987 | 1988 | January--May | |
|--------------------------------|----------------|----------------|----------------|----------------|
| | | | 1988 | 1989 |
| Quantity (short tons) | | | | |
| VRA countries: | | | | |
| Australia ----- | 30 | 2 | 0 | 1,395 |
| Austria ----- | 5 | 703 | $\frac{2}{}$ | 2,456 |
| Brazil ----- | 2,440 | 4,553 | 1,001 | 1,497 |
| Czechoslovakia ----- | 0 | 0 | 0 | 0 |
| East Germany ----- | 0 | 1 | 1 | 0 |
| EC countries----- | 42,340 | 51,287 | 27,748 | 31,218 |
| Finland ----- | $\frac{2}{}$ | 3 | 3 | 0 |
| Hungary ----- | 0 | 4 | 0 | 0 |
| Japan ----- | 84,891 | 79,347 | 35,763 | 47,705 |
| Mexico ----- | 46 | 26 | $\frac{2}{}$ | 165 |
| Peoples Rep of China ----- | 45 | 25 | 25 | 364 |
| Poland ----- | 0 | 0 | 0 | 101 |
| Portugal ----- | 0 | 1,071 | 0 | 552 |
| Romania ----- | 0 | 0 | 0 | 0 |
| Republic of South Africa ----- | 879 | $\frac{2}{}$ | $\frac{2}{}$ | 0 |
| Korea, Republic of ----- | 5,803 | 6,919 | 4,699 | 3,405 |
| 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 | 69,240 | 88,890 |
| Other countries: | | | | |
| Canada ----- | 101,439 | 172,077 | 55,500 | 63,198 |
| Sweden ----- | 7,424 | 3,064 | 2,531 | 239 |
| Gabon ----- | 0 | 128 | 0 | 0 |
| Taiwan ----- | 168 | 128 | 31 | 231 |
| Argentina ----- | 6 | 6 | 2 | 994 |
| India ----- | 0 | 6 | 0 | 0 |
| Philippines ----- | 0 | 6 | 6 | 0 |
| Honduras ----- | 0 | $\frac{2}{}$ | 0 | 9 |
| Norway ----- | 0 | $\frac{2}{}$ | 0 | 0 |
| Colombia ----- | 0 | 0 | 0 | 30 |
| All others----- | 127 | 0 | 0 | 47 |
| Total----- | 109,164 | 175,415 | 58,070 | 64,748 |
| Grand total----- | 245,987 | 319,433 | 127,310 | 153,638 |

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--May | |
|--------------------------------|---------------|----------------|---------------|---------------|
| | | | 1988 | 1989 |
| Value (thousand dollars) | | | | |
| VRA countries: | | | | |
| Australia ----- | 15 | 7 | 0 | 1,764 |
| Austria ----- | 37 | 299 | 3 | 1,607 |
| Brazil ----- | 2,016 | 3,751 | 867 | 1,211 |
| Czechoslovakia ----- | 0 | 0 | 0 | 0 |
| East Germany ----- | 0 | 5 | 5 | 0 |
| EC countries----- | 17,563 | 24,466 | 12,113 | 14,922 |
| Finland ----- | 5 | 14 | 14 | 0 |
| Hungary ----- | 0 | 25 | 0 | 0 |
| Japan ----- | 34,066 | 38,835 | 16,117 | 25,341 |
| Mexico ----- | 14 | 37 | 3 | 167 |
| Peoples Rep of China ----- | 32 | 9 | 9 | 174 |
| 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 | 1,606 | 1,839 |
| 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 | 30,738 | 47,670 |
| Other countries: | | | | |
| Canada ----- | 20,479 | 50,140 | 18,778 | 28,345 |
| Sweden ----- | 2,553 | 1,001 | 748 | 187 |
| Gabon ----- | 0 | 67 | 0 | 0 |
| Taiwan ----- | 302 | 294 | 75 | 385 |
| Argentina ----- | 24 | 17 | 13 | 311 |
| India ----- | 0 | 16 | 0 | 0 |
| Philippines ----- | 0 | 28 | 28 | 0 |
| Honduras ----- | 0 | 2 | 0 | 4 |
| Norway ----- | 0 | 3 | 0 | 0 |
| All others----- | 284 | 0 | 0 | 169 |
| Total----- | 23,642 | 51,568 | 19,642 | 29,401 |
| Grand total----- | 79,886 | 122,369 | 50,380 | 77,071 |

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

^{2/} Less than 0.5 short ton.

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

Table 19.--Carbon and certain alloy 1/ 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--May | |
|-------------------------------|------------------|------------------|------------------|----------------|
| | | | 1988 | 1989 |
| Quantity (short tons) | | | | |
| VRA countries: | | | | |
| Australia ----- | 11,869 | 12,375 | 5,712 | 3,970 |
| Austria ----- | 19,766 | 26,408 | 10,600 | 2,326 |
| Brazil ----- | 75,669 | 87,724 | 36,700 | 32,208 |
| Czechoslovakia ----- | 6,660 | 7,164 | 3,481 | 745 |
| East Germany ----- | 5,909 | 7,828 | 4,223 | 3,309 |
| EC countries----- | 383,341 | 458,471 | 203,364 | 166,997 |
| Finland ----- | 5,968 | 12,755 | 5,349 | 5,359 |
| Hungary ----- | 0 | 585 | 585 | 1,072 |
| Japan ----- | 542,452 | 790,770 | 371,270 | 186,866 |
| Mexico ----- | 137,761 | 131,349 | 53,965 | 44,114 |
| Peoples Rep of China ----- | 2,056 | 18,422 | 6,913 | 48 |
| Poland ----- | 7,267 | 8,048 | 4,855 | 2,176 |
| Portugal ----- | 410 | 0 | 0 | 0 |
| Romania ----- | 22,488 | 27,284 | 15,918 | 4,238 |
| Republic of South Africa ---- | 40 | 0 | 0 | 0 |
| Korea, Republic of ----- | 331,525 | 496,059 | 235,884 | 154,690 |
| Spain ----- | 32,753 | 29,637 | 14,885 | 28,982 |
| Trinidad and Tobago ----- | 0 | 0 | 0 | 0 |
| Venezuela ----- | 38,840 | 19,510 | 12,232 | 5,714 |
| Yugoslavia ----- | 7,183 | 3,732 | 1,587 | 0 |
| Total----- | 1,631,957 | 2,138,121 | 987,523 | 642,814 |
| Other countries: | | | | |
| Canada ----- | 514,456 | 436,372 | 205,680 | 212,817 |
| Thailand ----- | 93,717 | 148,259 | 78,449 | 27,176 |
| Argentina ----- | 100,108 | 148,192 | 54,774 | 18,829 |
| Taiwan ----- | 79,176 | 88,055 | 39,120 | 27,723 |
| Singapore ----- | 37,408 | 47,545 | 18,640 | 11,848 |
| India ----- | 10,848 | 44,486 | 22,808 | 13,445 |
| Turkey ----- | 140,786 | 32,001 | 17,476 | 11,291 |
| Sweden ----- | 30,146 | 26,842 | 13,515 | 8,001 |
| Malaysia ----- | 13,285 | 22,879 | 11,457 | 1,619 |
| Chile ----- | 2,077 | 22,048 | 7,454 | 2,080 |
| All others----- | 94,680 | 95,139 | 43,758 | 21,044 |
| Total----- | 1,116,687 | 1,111,818 | 513,131 | 355,873 |
| Grand total----- | 2,748,644 | 3,249,939 | 1,500,654 | 998,687 |

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--May | |
|--------------------------------|------------------|------------------|----------------|----------------|
| | | | 1988 | 1989 |
| Value (thousand dollars) | | | | |
| VRA countries: | | | | |
| Australia ----- | 4,265 | 4,959 | 2,253 | 1,803 |
| Austria ----- | 11,963 | 23,494 | 9,110 | 2,440 |
| Brazil ----- | 32,186 | 41,170 | 16,626 | 17,072 |
| Czechoslovakia ----- | 2,057 | 3,472 | 1,492 | 424 |
| East Germany ----- | 1,862 | 4,115 | 1,488 | 1,391 |
| EC countries ----- | 197,587 | 322,171 | 132,491 | 115,219 |
| Finland ----- | 1,915 | 5,624 | 2,225 | 2,589 |
| Hungary ----- | 0 | 266 | 266 | 458 |
| Japan ----- | 295,849 | 597,887 | 261,658 | 148,903 |
| Mexico ----- | 57,935 | 71,872 | 28,290 | 24,868 |
| Peoples Rep of China ----- | 895 | 7,066 | 2,389 | 32 |
| Poland ----- | 2,219 | 3,115 | 1,778 | 948 |
| Portugal ----- | 157 | 0 | 0 | 0 |
| Romania ----- | 7,377 | 11,018 | 6,086 | 1,602 |
| Republic of South Africa ----- | 15 | 0 | 0 | 0 |
| Korea, Republic of ----- | 137,101 | 239,742 | 108,308 | 76,563 |
| Spain ----- | 16,510 | 23,994 | 10,736 | 17,165 |
| Trinidad and Tobago ----- | 0 | 0 | 0 | 0 |
| Venezuela ----- | 13,066 | 7,535 | 4,375 | 2,389 |
| Yugoslavia ----- | 2,462 | 2,036 | 754 | 0 |
| Total----- | 785,421 | 1,369,536 | 590,325 | 413,866 |
| Other countries: | | | | |
| Canada ----- | 254,194 | 266,692 | 123,426 | 132,071 |
| Thailand ----- | 32,613 | 58,119 | 30,099 | 11,743 |
| Argentina ----- | 38,060 | 76,641 | 25,079 | 10,550 |
| Taiwan ----- | 28,607 | 39,591 | 16,350 | 13,390 |
| Singapore ----- | 13,763 | 19,833 | 7,144 | 5,923 |
| India ----- | 4,059 | 20,173 | 10,081 | 6,094 |
| Turkey ----- | 43,271 | 14,568 | 7,295 | 4,544 |
| Sweden ----- | 21,798 | 23,510 | 11,395 | 8,205 |
| Malaysia ----- | 4,615 | 9,314 | 4,409 | 705 |
| Chile ----- | 829 | 9,500 | 3,200 | 1,006 |
| All others ----- | 35,348 | 41,391 | 17,579 | 9,534 |
| Total----- | 477,157 | 579,332 | 256,057 | 203,765 |
| Grand total----- | 1,262,578 | 1,948,868 | 846,382 | 617,631 |

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

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

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

| Item | 1987 | 1988 | January--May | |
|--------------------------------|-------------------|-------------------|------------------|------------------|
| | | | 1988 | 1989 |
| Quantity (short tons) | | | | |
| VRA countries: | | | | |
| Australia ----- | 155,092 | 282,061 | 114,193 | 136,713 |
| Austria ----- | 116,298 | 134,200 | 48,462 | 22,857 |
| Brazil ----- | 1,135,516 | 1,468,033 | 569,876 | 575,965 |
| Czechoslovakia ----- | 29,792 | 37,280 | 11,344 | 1,396 |
| East Germany ----- | 95,910 | 92,234 | 38,348 | 20,926 |
| EC countries ----- | 5,228,372 | 5,666,561 | 2,191,954 | 1,850,449 |
| Finland ----- | 166,202 | 204,209 | 79,344 | 82,343 |
| Hungary ----- | 27,064 | 30,094 | 12,961 | 9,568 |
| Japan ----- | 4,311,383 | 4,277,647 | 1,850,404 | 1,597,903 |
| Mexico ----- | 471,462 | 478,207 | 207,316 | 125,086 |
| Peoples Rep of China ----- | 51,081 | 68,735 | 27,781 | 22,213 |
| Poland ----- | 91,561 | 89,325 | 46,755 | 25,366 |
| Portugal ----- | 31,087 | 22,739 | 12,655 | 3,774 |
| Romania ----- | 82,408 | 102,530 | 61,500 | 20,721 |
| Republic of South Africa ----- | 30,015 | 1,693 | 1,693 | 246 |
| Korea, Republic of ----- | 1,419,183 | 1,560,497 | 742,973 | 489,304 |
| Spain ----- | 500,796 | 458,584 | 190,140 | 225,871 |
| Trinidad and Tobago ----- | 62,575 | 31,380 | 12,767 | 9,200 |
| Venezuela ----- | 170,571 | 169,376 | 101,224 | 32,829 |
| Yugoslavia ----- | 15,394 | 12,734 | 4,045 | 2,419 |
| Total----- | 14,191,762 | 15,188,119 | 6,325,735 | 5,255,149 |
| Other countries: | | | | |
| Canada ----- | 3,763,701 | 3,373,766 | 1,516,694 | 1,385,545 |
| Argentina ----- | 346,313 | 557,969 | 313,667 | 63,384 |
| Sweden ----- | 566,885 | 522,294 | 317,741 | 120,336 |
| Turkey ----- | 407,413 | 307,985 | 177,757 | 65,642 |
| Indonesia ----- | 235,573 | 281,142 | 111,176 | 34,282 |
| Taiwan ----- | 257,931 | 243,886 | 102,298 | 71,464 |
| Norway ----- | 154,194 | 181,502 | 89,113 | 47,474 |
| Thailand ----- | 120,179 | 160,176 | 81,345 | 37,316 |
| Singapore ----- | 144,538 | 153,163 | 38,805 | 31,765 |
| India ----- | 60,231 | 99,714 | 53,243 | 49,900 |
| All others----- | 350,185 | 441,075 | 191,297 | 98,232 |
| Total----- | 6,407,143 | 6,322,672 | 2,993,136 | 2,005,340 |
| Grand total----- | 20,598,905 | 21,510,791 | 9,318,871 | 7,260,489 |

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--May | |
|--------------------------------|------------------|------------------|------------------|------------------|
| | | | 1988 | 1989 |
| Value (thousand dollars) | | | | |
| VRA countries: | | | | |
| Australia ----- | 70,279 | 118,320 | 47,308 | 55,680 |
| Austria ----- | 49,477 | 70,268 | 25,882 | 16,837 |
| Brazil ----- | 318,756 | 451,458 | 170,455 | 188,014 |
| Czechoslovakia ----- | 7,156 | 11,986 | 3,422 | 617 |
| East Germany ----- | 25,328 | 31,334 | 11,667 | 7,100 |
| EC countries ----- | 2,044,943 | 2,497,803 | 935,013 | 914,563 |
| Finland ----- | 51,574 | 81,482 | 30,024 | 34,666 |
| Hungary ----- | 6,191 | 8,600 | 3,470 | 3,104 |
| Japan ----- | 2,045,689 | 2,386,680 | 1,001,159 | 934,625 |
| Mexico ----- | 172,255 | 220,745 | 89,132 | 65,948 |
| Peoples Rep of China ----- | 23,479 | 27,385 | 10,757 | 12,023 |
| Poland ----- | 26,671 | 29,711 | 14,863 | 8,973 |
| Portugal ----- | 15,163 | 10,575 | 6,316 | 2,395 |
| Romania ----- | 25,093 | 36,033 | 21,458 | 7,248 |
| Republic of South Africa ----- | 7,322 | 1,487 | 1,487 | 225 |
| Korea, Republic of ----- | 608,066 | 743,129 | 345,449 | 235,377 |
| Spain ----- | 167,216 | 193,629 | 71,828 | 103,161 |
| Trinidad and Tobago ----- | 15,482 | 8,400 | 3,461 | 3,006 |
| Venezuela ----- | 48,835 | 53,667 | 32,475 | 12,487 |
| Yugoslavia ----- | 5,404 | 5,925 | 1,840 | 1,004 |
| Total----- | 5,734,379 | 6,988,617 | 2,827,466 | 2,607,053 |
| Other countries: | | | | |
| Canada ----- | 1,591,881 | 1,593,962 | 703,777 | 697,366 |
| Argentina ----- | 122,372 | 221,780 | 116,064 | 27,386 |
| Sweden ----- | 207,367 | 221,486 | 120,459 | 67,047 |
| Turkey ----- | 123,568 | 93,038 | 51,594 | 22,425 |
| Indonesia ----- | 56,949 | 81,687 | 30,091 | 12,125 |
| Taiwan ----- | 104,597 | 109,041 | 43,692 | 39,454 |
| Norway ----- | 39,717 | 55,371 | 23,959 | 16,760 |
| Thailand ----- | 43,817 | 65,167 | 32,042 | 15,733 |
| Singapore ----- | 42,953 | 50,360 | 13,012 | 13,224 |
| India ----- | 22,038 | 42,731 | 22,273 | 19,185 |
| All others ----- | 123,858 | 163,352 | 70,888 | 46,090 |
| Total----- | 2,479,117 | 2,697,975 | 1,227,851 | 976,795 |
| Grand total----- | 8,213,496 | 9,686,592 | 4,055,317 | 3,583,848 |

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

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

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

| Item | 1987 | 1988 | January--May | |
|--------------------------------|---------------|---------------|---------------|---------------|
| | | | 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 | 1,747 | 900 |
| Finland ----- | 0 | 0 | 0 | 0 |
| Hungary ----- | 0 | 0 | 0 | 0 |
| Japan ----- | 3,605 | 1,935 | 1,222 | 267 |
| 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 | 438 | 6,739 |
| Trinidad and Tobago ----- | 0 | 0 | 0 | 0 |
| Venezuela ----- | 0 | 0 | 0 | 0 |
| Yugoslavia ----- | 0 | 0 | 0 | 0 |
| Total ----- | 23,674 | 14,389 | 3,407 | 8,173 |
| Other countries: | | | | |
| Canada ----- | 25,200 | 33,527 | 12,410 | 18,510 |
| Sweden ----- | 7,849 | 14,491 | 6,744 | 3,866 |
| Taiwan ----- | 0 | 0 | 0 | 1/ |
| Total ----- | 33,049 | 48,018 | 19,154 | 22,376 |
| Grand total ----- | 56,723 | 62,407 | 22,561 | 30,549 |

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--May | |
|--------------------------|---------------|---------------|---------------|---------------|
| | | | 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 | 2,630 | 632 |
| Finland | 0 | 0 | 0 | 0 |
| Hungary | 0 | 0 | 0 | 0 |
| Japan | 3,581 | 2,906 | 1,692 | 526 |
| 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 | 2,340 | 4,759 |
| Trinidad and Tobago | 0 | 0 | 0 | 0 |
| Venezuela | 0 | 0 | 0 | 0 |
| Yugoslavia | 0 | 0 | 0 | 0 |
| Total | 13,469 | 16,904 | 6,662 | 6,390 |
| Other countries: | | | | |
| Canada | 25,133 | 52,871 | 15,291 | 35,965 |
| Sweden | 7,692 | 23,240 | 8,537 | 9,182 |
| Hong Kong | 0 | 0 | 0 | 2 |
| Taiwan | 0 | 0 | 0 | 14 |
| Total | 32,825 | 76,111 | 23,828 | 45,163 |
| Grand total | 46,294 | 93,015 | 30,490 | 51,553 |

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--May | |
|--------------------------------|---------------|---------------|--------------|--------------|
| | | | 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 | 3,420 | 5,513 |
| Finland ----- | 2,369 | 2,730 | 1,432 | 751 |
| Hungary ----- | 0 | 0 | 0 | 0 |
| Japan ----- | 1,558 | 2,225 | 755 | 668 |
| 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 | 5,640 | 7,022 |
| Other countries: | | | | |
| Sweden ----- | 1,744 | 2,779 | 583 | 869 |
| Canada ----- | 34 | 371 | 126 | 136 |
| Anguilla ----- | 0 | 5 | 0 | 0 |
| Total----- | 1,778 | 3,155 | 709 | 1,005 |
| Grand total----- | 11,117 | 15,848 | 6,349 | 8,027 |

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--May | |
|--------------------------|---------------|---------------|---------------|---------------|
| | | | 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 | 6,135 | 16,176 |
| Finland | 3,590 | 6,147 | 2,687 | 2,324 |
| Hungary | 0 | 0 | 0 | 0 |
| Japan | 2,339 | 4,514 | 1,344 | 1,855 |
| 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 | 10,304 | 20,784 |
| Other countries: | | | | |
| Sweden | 3,986 | 6,775 | 1,522 | 2,661 |
| Canada | 33 | 889 | 211 | 346 |
| Anguilla | 0 | 9 | 0 | 0 |
| Total | 4,019 | 7,673 | 1,733 | 3,007 |
| Grand total | 19,628 | 34,972 | 12,037 | 23,791 |

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--May | |
|--------------------------------|----------------|----------------|---------------|---------------|
| | | | 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 | 18,534 | 19,841 |
| Finland ----- | 6,296 | 6,045 | 2,622 | 754 |
| Hungary ----- | 0 | 0 | 0 | 0 |
| Japan ----- | 25,733 | 22,393 | 9,682 | 16,322 |
| Mexico ----- | 18,819 | 8,814 | 3,975 | 4,614 |
| 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 | 3,893 | 2,781 |
| Spain ----- | 13,700 | 14,153 | 4,296 | 4,838 |
| Trinidad and Tobago ----- | 0 | 0 | 0 | 0 |
| Venezuela ----- | 0 | 5 | 0 | 0 |
| Yugoslavia ----- | 0 | 0 | 0 | 0 |
| Total ----- | 116,125 | 106,202 | 43,221 | 49,158 |
| Other countries: | | | | |
| Sweden ----- | 7,493 | 8,433 | 4,407 | 2,983 |
| Canada ----- | 4,892 | 3,838 | 1,556 | 1,475 |
| India ----- | 341 | 90 | 67 | 0 |
| Honduras ----- | 0 | 19 | 19 | 0 |
| Peru ----- | 0 | 2 | 2 | 0 |
| Antigua ----- | 1 | 0 | 0 | 0 |
| Norway ----- | 37 | 0 | 0 | 0 |
| Turkey ----- | 0 | 0 | 0 | 1/ |
| Jordan ----- | 19 | 0 | 0 | 0 |
| Hong Kong ----- | 41 | 0 | 0 | 0 |
| All others ----- | 345 | 0 | 0 | 0 |
| Total ----- | 13,169 | 12,382 | 6,051 | 4,458 |
| Grand total ----- | 129,294 | 118,584 | 49,272 | 53,616 |

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--May | |
|--------------------------------|----------------|----------------|---------------|----------------|
| | | | 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 | 31,047 | 43,799 |
| Finland ----- | 9,834 | 13,459 | 4,788 | 2,222 |
| Hungary ----- | 0 | 0 | 0 | 0 |
| Japan ----- | 43,684 | 50,112 | 19,219 | 35,167 |
| Mexico ----- | 30,157 | 16,454 | 6,193 | 11,110 |
| 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 | 7,043 | 7,327 |
| Spain ----- | 20,342 | 31,308 | 7,043 | 11,039 |
| Trinidad and Tobago ----- | 0 | 0 | 0 | 0 |
| Venezuela ----- | 0 | 21 | 0 | 0 |
| Yugoslavia ----- | 0 | 0 | 0 | 0 |
| Total----- | 184,816 | 220,330 | 75,654 | 110,705 |
| Other countries: | | | | |
| Sweden ----- | 17,785 | 24,684 | 10,606 | 9,991 |
| Canada ----- | 8,019 | 9,552 | 3,306 | 4,820 |
| India ----- | 492 | 172 | 122 | 0 |
| Honduras ----- | 0 | 35 | 35 | 0 |
| Peru ----- | 0 | 26 | 26 | 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 | 14,095 | 14,814 |
| Grand total----- | 211,699 | 254,799 | 89,749 | 125,519 |

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--May | |
|--------------------------------|---------------|---------------|---------------|---------------|
| | | | 1988 | 1989 |
| Quantity (short tons) | | | | |
| VRA countries: | | | | |
| Australia ----- | 0 | 0 | 0 | 0 |
| Austria ----- | 94 | 183 | 91 | 56 |
| Brazil ----- | 1,450 | 3,827 | 1,685 | 1,917 |
| Czechoslovakia ----- | 0 | 0 | 0 | 0 |
| East Germany ----- | 0 | 0 | 0 | 0 |
| EC countries ----- | 5,899 | 8,421 | 3,614 | 2,503 |
| Finland ----- | 0 | 0 | 0 | 0 |
| Hungary ----- | 0 | 0 | 0 | 0 |
| Japan ----- | 19,259 | 16,715 | 6,533 | 4,976 |
| 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 | 734 | 1,226 |
| Spain ----- | 3,826 | 4,285 | 1,776 | 1,090 |
| Trinidad and Tobago ----- | 0 | 0 | 0 | 0 |
| Venezuela ----- | 0 | 0 | 0 | 0 |
| Yugoslavia ----- | 0 | 0 | 0 | 0 |
| Total----- | 33,114 | 35,104 | 14,502 | 11,768 |
| Other countries: | | | | |
| Sweden ----- | 3,200 | 3,708 | 1,924 | 592 |
| Canada ----- | 1,269 | 1,641 | 660 | 236 |
| 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 | 2,657 | 929 |
| Grand total----- | 37,991 | 40,726 | 17,159 | 12,697 |

See footnote(s) at end of table.

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

| Item | 1987 | 1988 | January--May | |
|--------------------------|---------------|---------------|---------------|---------------|
| | | | 1988 | 1989 |
| Value (thousand dollars) | | | | |
| VRA countries: | | | | |
| Australia | 0 | 0 | 0 | 0 |
| Austria | 257 | 412 | 213 | 147 |
| Brazil | 2,503 | 5,743 | 2,842 | 4,435 |
| Czechoslovakia | 0 | 0 | 0 | 0 |
| East Germany | 0 | 0 | 0 | 0 |
| EC countries | 11,437 | 19,765 | 7,065 | 7,146 |
| Finland | 0 | 0 | 0 | 0 |
| Hungary | 0 | 0 | 0 | 0 |
| Japan | 36,707 | 40,671 | 13,267 | 15,410 |
| 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 | 1,246 | 3,513 |
| Spain | 6,889 | 10,122 | 3,586 | 3,207 |
| Trinidad and Tobago | 0 | 0 | 0 | 0 |
| Venezuela | 0 | 0 | 0 | 0 |
| Yugoslavia | 0 | 0 | 0 | 0 |
| Total | 62,162 | 80,335 | 28,452 | 33,858 |
| Other countries: | | | | |
| Sweden | 6,180 | 8,981 | 3,999 | 2,038 |
| Canada | 2,136 | 3,608 | 1,275 | 886 |
| 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 | 5,397 | 3,161 |
| Grand total | 71,185 | 93,510 | 33,849 | 37,019 |

1/ Less than 0.5 short ton.

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

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

| Item | 1987 | 1988 | January--May | |
|--------------------------------|---------------|---------------|--------------|--------------|
| | | | 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 | 2,540 | 3,604 |
| Finland ----- | 0 | 0 | 0 | 0 |
| Hungary ----- | 0 | 0 | 0 | 0 |
| Japan ----- | 5,544 | 5,483 | 1,894 | 2,371 |
| 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 | 226 | 65 |
| Spain ----- | 1,542 | 1,979 | 630 | 958 |
| Trinidad and Tobago ----- | 0 | 138 | 0 | 0 |
| Venezuela ----- | 0 | 0 | 0 | 0 |
| Yugoslavia ----- | 0 | 17 | 17 | 0 |
| Total ----- | 14,310 | 15,903 | 5,581 | 6,998 |
| Other countries: | | | | |
| Sweden ----- | 3,955 | 3,159 | 1,618 | 1,375 |
| Taiwan ----- | 47 | 148 | 22 | 0 |
| Canada ----- | 0 | 1 | 0 | 76 |
| Total ----- | 4,002 | 3,307 | 1,640 | 1,451 |
| Grand total ----- | 18,312 | 19,210 | 7,221 | 8,449 |

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--May | |
|--------------------------------|---------------|---------------|---------------|---------------|
| | | | 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 | 5,481 | 11,239 |
| Finland ----- | 0 | 0 | 0 | 0 |
| Hungary ----- | 0 | 0 | 0 | 0 |
| Japan ----- | 8,927 | 11,611 | 3,210 | 6,293 |
| 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 | 317 | 166 |
| Spain ----- | 2,539 | 5,122 | 1,539 | 2,881 |
| Trinidad and Tobago ----- | 0 | 202 | 0 | 0 |
| Venezuela ----- | 0 | 0 | 0 | 0 |
| Yugoslavia ----- | 0 | 22 | 22 | 0 |
| Total ----- | 24,929 | 37,037 | 10,943 | 20,579 |
| Other countries: | | | | |
| Sweden ----- | 6,995 | 7,916 | 3,141 | 4,707 |
| Taiwan ----- | 72 | 328 | 46 | 0 |
| Canada ----- | 0 | 2 | 0 | 217 |
| Total ----- | 7,067 | 8,246 | 3,187 | 4,924 |
| Grand total ----- | 31,996 | 45,283 | 14,130 | 25,503 |

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--May | |
|--------------------------------|---------------|---------------|--------------|---------------|
| | | | 1988 | 1989 |
| Quantity (short tons) | | | | |
| VRA countries: | | | | |
| Australia ----- | 1/ | 1/ | 1/ | 1/ |
| Austria ----- | 37 | 25 | 2 | 19 |
| Brazil ----- | 188 | 156 | 44 | 217 |
| Czechoslovakia ----- | 0 | 0 | 0 | 0 |
| East Germany ----- | 0 | 0 | 0 | 0 |
| EC countries ----- | 6,763 | 7,713 | 3,044 | 3,466 |
| Finland ----- | 0 | 0 | 0 | 7 |
| Hungary ----- | 0 | 0 | 0 | 0 |
| Japan ----- | 4,254 | 4,719 | 1,589 | 2,214 |
| 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 | 373 | 325 |
| Spain ----- | 621 | 388 | 133 | 335 |
| Trinidad and Tobago ----- | 0 | 0 | 0 | 0 |
| Venezuela ----- | 0 | 3 | 0 | 0 |
| Yugoslavia ----- | 0 | 0 | 0 | 3 |
| Total ----- | 12,818 | 13,991 | 5,186 | 6,586 |
| Other countries: | | | | |
| Sweden ----- | 2,555 | 2,685 | 1,156 | 1,307 |
| Canada ----- | 2,043 | 2,277 | 1,054 | 1,021 |
| Taiwan ----- | 1,462 | 1,221 | 352 | 556 |
| Switzerland ----- | 47 | 268 | 123 | 186 |
| India ----- | 77 | 209 | 47 | 526 |
| 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 | 2,732 | 3,596 |
| Grand total ----- | 19,082 | 20,651 | 7,918 | 10,182 |

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--May | |
|--------------------------------|---------------|---------------|---------------|---------------|
| | | | 1988 | 1989 |
| Value (thousand dollars) | | | | |
| VRA countries: | | | | |
| Australia ----- | 64 | 39 | 16 | 37 |
| Austria ----- | 172 | 117 | 12 | 102 |
| Brazil ----- | 282 | 304 | 61 | 554 |
| Czechoslovakia ----- | 0 | 0 | 0 | 0 |
| East Germany ----- | 0 | 0 | 0 | 0 |
| EC countries----- | 17,601 | 23,826 | 8,788 | 13,047 |
| Finland ----- | 0 | 0 | 0 | 58 |
| Hungary ----- | 0 | 0 | 0 | 0 |
| Japan ----- | 13,957 | 18,705 | 6,010 | 9,167 |
| 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 | 965 | 1,225 |
| Spain ----- | 1,280 | 1,096 | 312 | 1,086 |
| Trinidad and Tobago ----- | 0 | 0 | 0 | 0 |
| Venezuela ----- | 0 | 11 | 0 | 0 |
| Yugoslavia ----- | 0 | 0 | 0 | 4 |
| Total----- | 35,612 | 47,148 | 16,170 | 25,280 |
| Other countries: | | | | |
| Sweden ----- | 10,548 | 12,922 | 4,972 | 7,162 |
| Canada ----- | 6,960 | 9,650 | 4,052 | 5,458 |
| Taiwan ----- | 3,797 | 3,824 | 974 | 1,876 |
| Switzerland ----- | 170 | 1,254 | 471 | 853 |
| India ----- | 159 | 414 | 87 | 1,188 |
| Singapore ----- | 0 | 5 | 0 | 0 |
| Israel ----- | 85 | 0 | 0 | 0 |
| All others----- | 49 | 0 | 0 | 4 |
| Total----- | 21,768 | 28,069 | 10,556 | 16,541 |
| Grand total----- | 57,380 | 75,217 | 26,726 | 41,821 |

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--May | |
|--------------------------------|---------------|---------------|---------------|---------------|
| | | | 1988 | 1989 |
| Quantity (short tons) | | | | |
| VRA countries: | | | | |
| Australia ----- | 0 | 23 | 1 | 0 |
| Austria ----- | 395 | 756 | 320 | 325 |
| Brazil ----- | 0 | 0 | 0 | 0 |
| Czechoslovakia ----- | 0 | 0 | 0 | 0 |
| East Germany ----- | 0 | 0 | 0 | 0 |
| EC countries ----- | 4,430 | 6,694 | 3,067 | 5,552 |
| Finland ----- | 0 | 1/ | 1/ | 0 |
| Hungary ----- | 0 | 0 | 0 | 0 |
| Japan ----- | 7,208 | 8,365 | 4,028 | 3,907 |
| Mexico ----- | 781 | 950 | 432 | 220 |
| 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 | 210 | 201 |
| Spain ----- | 88 | 388 | 135 | 579 |
| Trinidad and Tobago ----- | 0 | 0 | 0 | 0 |
| Venezuela ----- | 0 | 0 | 0 | 0 |
| Yugoslavia ----- | 0 | 0 | 0 | 0 |
| Total----- | 13,419 | 17,568 | 8,193 | 10,788 |
| Other countries: | | | | |
| Canada ----- | 5,432 | 6,925 | 3,548 | 3,242 |
| Taiwan ----- | 3,571 | 6,809 | 2,856 | 922 |
| Sweden ----- | 4,016 | 5,253 | 2,443 | 1,927 |
| Thailand ----- | 0 | 188 | 27 | 208 |
| India ----- | 0 | 4 | 0 | 5 |
| Israel ----- | 1/ | 4 | 1/ | 1/ |
| Switzerland ----- | 2 | 1 | 1/ | 6 |
| 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 | 8,874 | 6,314 |
| Grand total----- | 26,446 | 36,752 | 17,067 | 17,102 |

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--May | |
|--------------------------------|---------------|----------------|---------------|---------------|
| | | | 1988 | 1989 |
| Value (thousand dollars) | | | | |
| VRA countries: | | | | |
| Australia ----- | 0 | 135 | 7 | 0 |
| Austria ----- | 1,637 | 4,157 | 1,399 | 2,538 |
| Brazil ----- | 0 | 0 | 0 | 0 |
| Czechoslovakia ----- | 0 | 0 | 0 | 0 |
| East Germany ----- | 0 | 0 | 0 | 0 |
| EC countries----- | 14,405 | 25,735 | 10,263 | 22,169 |
| Finland ----- | 0 | 1 | 1 | 0 |
| Hungary ----- | 0 | 0 | 0 | 0 |
| Japan ----- | 22,587 | 31,923 | 13,889 | 21,083 |
| Mexico ----- | 1,654 | 2,891 | 1,002 | 697 |
| 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 | 642 | 595 |
| Spain ----- | 282 | 1,726 | 495 | 2,637 |
| Trinidad and Tobago ----- | 0 | 0 | 0 | 0 |
| Venezuela ----- | 0 | 0 | 0 | 0 |
| Yugoslavia ----- | 0 | 0 | 0 | 0 |
| Total----- | 41,977 | 67,823 | 27,698 | 49,735 |
| Other countries: | | | | |
| Canada ----- | 17,196 | 24,048 | 11,031 | 14,712 |
| Taiwan ----- | 9,190 | 21,308 | 7,132 | 3,779 |
| Sweden ----- | 12,414 | 22,285 | 8,844 | 10,623 |
| Thailand ----- | 0 | 458 | 57 | 482 |
| India ----- | 0 | 17 | 0 | 20 |
| Israel ----- | 49 | 77 | 19 | 2 |
| Switzerland ----- | 168 | 177 | 93 | 105 |
| New Zealand ----- | 0 | 2 | 0 | 0 |
| All others----- | 25 | 0 | 0 | 18 |
| Total----- | 39,042 | 68,372 | 27,176 | 29,741 |
| Grand total----- | 81,019 | 136,195 | 54,874 | 79,476 |

1/ Less than 0.5 short ton.

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

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

| Item | 1987 | 1988 | January--May | |
|--------------------------------|---------------|---------------|---------------|---------------|
| | | | 1988 | 1989 |
| Quantity (short tons) | | | | |
| VRA countries: | | | | |
| Australia ----- | 19 | 0 | 0 | 18 |
| Austria ----- | 2,693 | 2,538 | 1,312 | 1,005 |
| Brazil ----- | 997 | 1,920 | 1,019 | 1,104 |
| Czechoslovakia ----- | 0 | 21 | 2 | 0 |
| East Germany ----- | 0 | 4 | 0 | 0 |
| EC countries ----- | 10,302 | 12,795 | 5,479 | 12,269 |
| Finland ----- | 22 | 5 | 0 | 0 |
| Hungary ----- | 0 | 0 | 0 | 67 |
| Japan ----- | 6,077 | 4,416 | 1,817 | 7,863 |
| 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 | 340 | 590 |
| Spain ----- | 47 | 30 | 5 | 13 |
| Trinidad and Tobago ----- | 0 | 0 | 0 | 0 |
| Venezuela ----- | 0 | 0 | 0 | 0 |
| Yugoslavia ----- | 0 | 0 | 0 | 0 |
| Total----- | 21,988 | 23,206 | 10,218 | 23,077 |
| Other countries: | | | | |
| Sweden ----- | 11,669 | 12,254 | 5,834 | 11,038 |
| Canada ----- | 6,868 | 8,573 | 3,942 | 4,907 |
| Argentina ----- | 70 | 42 | 42 | 108 |
| India ----- | 0 | 19 | 0 | 1/ |
| Switzerland ----- | 1/ | 1/ | 0 | 0 |
| United Arab Emirates ----- | 0 | 0 | 0 | 179 |
| Malaysia ----- | 2 | 0 | 0 | 0 |
| Taiwan ----- | 1/ | 0 | 0 | 0 |
| Total----- | 18,609 | 20,888 | 9,818 | 16,232 |
| Grand total----- | 40,597 | 44,094 | 20,036 | 39,309 |

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--May | |
|--------------------------------|---------------|---------------|---------------|---------------|
| | | | 1988 | 1989 |
| Value (thousand dollars) | | | | |
| VRA countries: | | | | |
| Australia ----- | 31 | 0 | 0 | 41 |
| Austria ----- | 5,895 | 6,561 | 3,297 | 2,587 |
| Brazil ----- | 1,349 | 3,560 | 2,024 | 1,808 |
| Czechoslovakia ----- | 0 | 33 | 12 | 0 |
| East Germany ----- | 0 | 6 | 0 | 0 |
| EC countries ----- | 18,504 | 23,173 | 10,094 | 16,350 |
| Finland ----- | 37 | 15 | 0 | 0 |
| Hungary ----- | 0 | 0 | 0 | 30 |
| Japan ----- | 12,370 | 14,883 | 6,322 | 9,952 |
| 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 | 526 | 792 |
| Spain ----- | 54 | 40 | 24 | 26 |
| Trinidad and Tobago ----- | 0 | 0 | 0 | 0 |
| Venezuela ----- | 0 | 0 | 0 | 0 |
| Yugoslavia ----- | 0 | 0 | 0 | 0 |
| Total----- | 40,937 | 50,625 | 22,615 | 31,823 |
| Other countries: | | | | |
| Sweden ----- | 28,049 | 30,589 | 13,380 | 17,832 |
| Canada ----- | 9,342 | 12,019 | 5,395 | 6,443 |
| Argentina ----- | 122 | 65 | 65 | 88 |
| India ----- | 0 | 16 | 0 | 4 |
| Switzerland ----- | 2 | 2 | 0 | 0 |
| United Arab Emirates ----- | 0 | 0 | 0 | 149 |
| Malaysia ----- | 1 | 0 | 0 | 0 |
| Taiwan ----- | 1 | 0 | 0 | 0 |
| Total----- | 37,517 | 42,691 | 18,840 | 24,516 |
| Grand total----- | 78,454 | 93,316 | 41,455 | 56,339 |

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--May | |
|--------------------------------|----------------|----------------|----------------|----------------|
| | | | 1988 | 1989 |
| Quantity (short tons) | | | | |
| VRA countries: | | | | |
| Australia ----- | 20 | 24 | 1 | 19 |
| Austria ----- | 3,368 | 3,901 | 1,761 | 1,500 |
| Brazil ----- | 17,456 | 8,863 | 3,237 | 3,238 |
| Czechoslovakia ----- | 0 | 21 | 2 | 0 |
| East Germany ----- | 0 | 4 | 0 | 0 |
| EC countries ----- | 85,998 | 100,430 | 41,445 | 53,649 |
| Finland ----- | 8,687 | 8,780 | 4,055 | 1,512 |
| Hungary ----- | 0 | 0 | 0 | 67 |
| Japan ----- | 73,238 | 66,251 | 27,519 | 38,587 |
| Mexico ----- | 19,741 | 10,160 | 4,662 | 4,926 |
| 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 | 5,777 | 5,187 |
| Spain ----- | 20,193 | 27,906 | 7,412 | 14,551 |
| Trinidad and Tobago ----- | 0 | 138 | 0 | 0 |
| Venezuela ----- | 0 | 7 | 0 | 0 |
| Yugoslavia ----- | 0 | 17 | 17 | 3 |
| Total ----- | 244,791 | 239,054 | 95,948 | 123,570 |
| Other countries: | | | | |
| Canada ----- | 45,739 | 57,153 | 23,295 | 29,603 |
| Sweden ----- | 42,482 | 52,761 | 24,708 | 23,956 |
| Taiwan ----- | 5,484 | 8,227 | 3,236 | 1,486 |
| India ----- | 544 | 546 | 181 | 574 |
| Switzerland ----- | 116 | 270 | 123 | 191 |
| Thailand ----- | 0 | 188 | 27 | 208 |
| Argentina ----- | 181 | 42 | 42 | 157 |
| Honduras ----- | 0 | 19 | 19 | 0 |
| Anguilla ----- | 0 | 5 | 0 | 0 |
| Israel ----- | 65 | 4 | 1/ | 1/ |
| All others ----- | 167 | 4 | 2 | 186 |
| Total ----- | 94,778 | 119,219 | 51,633 | 56,361 |
| Grand total ----- | 339,569 | 358,273 | 147,581 | 179,931 |

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--May | |
|--------------------------|----------------|----------------|----------------|----------------|
| | | | 1988 | 1989 |
| Value (thousand dollars) | | | | |
| VRA countries: | | | | |
| Australia | 95 | 174 | 22 | 78 |
| Austria | 8,529 | 12,639 | 5,069 | 5,841 |
| Brazil | 9,993 | 12,173 | 5,613 | 6,796 |
| Czechoslovakia | 0 | 33 | 12 | 0 |
| East Germany | 0 | 6 | 0 | 0 |
| EC countries | 152,144 | 223,422 | 81,504 | 130,559 |
| Finland | 13,461 | 19,623 | 7,476 | 4,603 |
| Hungary | 0 | 0 | 0 | 30 |
| Japan | 144,150 | 175,325 | 64,953 | 99,452 |
| Mexico | 31,955 | 19,948 | 7,618 | 11,931 |
| 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 | 10,739 | 13,619 |
| Spain | 32,952 | 56,181 | 15,339 | 25,635 |
| Trinidad and Tobago | 0 | 202 | 0 | 0 |
| Venezuela | 0 | 32 | 0 | 0 |
| Yugoslavia | 0 | 22 | 22 | 4 |
| Total | 419,509 | 547,505 | 198,499 | 299,151 |
| Other countries: | | | | |
| Canada | 68,819 | 112,639 | 40,561 | 68,846 |
| Sweden | 93,649 | 137,391 | 55,001 | 64,197 |
| Taiwan | 13,631 | 25,622 | 8,170 | 5,674 |
| India | 851 | 1,039 | 314 | 1,304 |
| Switzerland | 469 | 1,434 | 565 | 959 |
| Thailand | 0 | 458 | 57 | 482 |
| Argentina | 323 | 65 | 65 | 176 |
| Honduras | 0 | 35 | 35 | 0 |
| Anguilla | 0 | 9 | 0 | 0 |
| Israel | 134 | 77 | 19 | 2 |
| All others | 269 | 35 | 26 | 229 |
| Total | 178,145 | 278,804 | 104,813 | 141,869 |
| Grand total | 597,654 | 826,309 | 303,312 | 441,020 |

1/ Less than 0.5 short tons

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

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

(Per short ton)

| Item | 1987 | 1988 | January-May | |
|--|------|------|-------------|-------|
| | | | 1988 | 1989 |
| Carbon and certain alloy 1/2 steel: | | | | |
| Semifinished 2/2----- | 211 | 240 | 230 | 259 |
| Plate----- | 332 | 405 | 386 | 405 |
| Sheet and strip: | | | | |
| Hot rolled----- | 308 | 364 | 346 | 387 |
| Cold rolled----- | 449 | 509 | 488 | 557 |
| Galvanized----- | 503 | 552 | 538 | 570 |
| Tin plate----- | 533 | 567 | 550 | 601 |
| Tin free----- | 509 | 542 | 536 | 570 |
| Other coated----- | 528 | 590 | 575 | 596 |
| Average, sheet and strip----- | 433 | 481 | 467 | 514 |
| Bar: | | | | |
| Hot finished----- | 369 | 406 | 394 | 435 |
| Cold finished----- | 831 | 598 | 563 | 644 |
| Reinforcing----- | 248 | 262 | 242 | 293 |
| Light shapes----- | 315 | 382 | 369 | 356 |
| Average, bar----- | 400 | 396 | 388 | 427 |
| Wire rod----- | 313 | 347 | 330 | 375 |
| Wire----- | 631 | 691 | 673 | 737 |
| Wire products----- | 628 | 659 | 637 | 1,036 |
| Structural shapes and units: | | | | |
| Heavy structurals----- | 304 | 376 | 360 | 374 |
| Fabricated structurals----- | 898 | 939 | 902 | 1,064 |
| Average, structurals----- | 378 | 436 | 424 | 436 |
| Rails and related products----- | 325 | 383 | 396 | 502 |
| Pipe and tube: | | | | |
| Oil country tubular goods----- | 536 | 730 | 699 | 798 |
| Line pipe----- | 421 | 529 | 490 | 580 |
| Mechanical pipe----- | 623 | 675 | 624 | 703 |
| Structural pipe----- | 368 | 507 | 472 | 570 |
| Pressure tubing----- | 688 | 793 | 694 | 882 |
| Other (incl. standard)----- | 415 | 487 | 460 | 506 |
| Average, pipe and tube----- | 459 | 600 | 564 | 618 |
| Average, carbon and certain alloy 1/2 steel----- | 399 | 450 | 435 | 494 |

See footnotes at end of table.

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

(Per short ton)

| Item | 1987 | 1988 | January-May | |
|---|-------|-------|-------------|-------|
| | | | 1988 | 1989 |
| Stainless and alloy tool steel: | | | | |
| Stainless steel: | | | | |
| Semifinished 2/----- | 816 | 1,490 | 1,351 | 1,688 |
| Plate----- | 1,766 | 2,207 | 1,896 | 2,963 |
| Sheet and strip: | | | | |
| Sheet----- | 1,566 | 2,067 | 1,739 | 2,157 |
| Strip----- | 2,555 | 3,331 | 2,872 | 3,333 |
| Average, sheet and strip: | 1,637 | 2,149 | 1,822 | 2,341 |
| Bars and shapes----- | 1,874 | 2,296 | 1,973 | 2,916 |
| Wire rod----- | 1,747 | 2,357 | 1,957 | 3,019 |
| Wire----- | 3,007 | 3,642 | 3,375 | 4,108 |
| Pipe and tube----- | 3,063 | 3,706 | 3,215 | 4,647 |
| Alloy tool steel (all forms): | 1,932 | 2,116 | 2,069 | 1,433 |
| Average, stainless and alloy steel----- | 1,760 | 2,306 | 2,055 | 2,451 |

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

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

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

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

| Item | 1987 | 1988 | January-May | |
|---|-----------|-----------|-----------------------|-----------|
| | | | 1988 | 1989 |
| | | | Quantity (short tons) | |
| Carbon and certain alloy <u>3/</u> steel: | | | | |
| Semifinished <u>2/</u> | | | | |
| Ingots----- | 103,967 | 103,282 | 42,372 | 20,581 |
| Blooms and billets----- | 426,208 | 581,907 | 265,411 | 259,339 |
| Slabs and sheet bars----- | 1,702,095 | 2,097,383 | 889,653 | 562,999 |
| Total----- | 2,232,270 | 2,782,572 | 1,197,435 | 842,920 |
| Plate: | | | | |
| Carbon----- | 1,450,898 | 1,750,917 | 744,363 | 521,565 |
| Alloy----- | 104,678 | 106,172 | 44,967 | 43,204 |
| Total----- | 1,555,577 | 1,857,090 | 789,330 | 564,769 |
| Sheet and strip: | | | | |
| Hot rolled: | | | | |
| Sheet----- | 2,123,804 | 2,199,268 | 889,843 | 674,659 |
| Strip----- | 43,197 | 49,553 | 18,414 | 46,370 |
| Cold rolled: | | | | |
| Black plate----- | 159,779 | 145,166 | 54,402 | 62,010 |
| Electrical----- | 64,822 | 64,684 | 28,911 | 36,043 |
| Other sheet----- | 2,156,348 | 2,011,242 | 876,265 | 621,127 |
| Other strip----- | 135,227 | 126,534 | 60,218 | 49,127 |
| Galvanized----- | 2,306,233 | 1,948,811 | 922,886 | 627,348 |
| Tin plate----- | 332,306 | 294,552 | 117,232 | 143,746 |
| Tin free----- | 101,172 | 97,460 | 35,076 | 49,573 |
| Other coated----- | 323,709 | 248,111 | 108,802 | 102,033 |
| Total----- | 7,746,596 | 7,185,380 | 3,112,050 | 2,412,034 |
| Bar: | | | | |
| Hot rolled: | | | | |
| Carbon----- | 443,037 | 476,951 | 183,191 | 173,762 |
| Alloy----- | 160,811 | 186,902 | 84,133 | 63,754 |
| Cold rolled: | | | | |
| Carbon----- | 152,283 | 161,345 | 70,221 | 53,929 |
| Alloy----- | 40,927 | 52,093 | 19,952 | 22,104 |
| Reinforcing----- | 351,632 | 357,253 | 114,088 | 111,779 |
| Light structural shapes----- | 132,477 | 126,568 | 53,627 | 50,015 |
| Total----- | 1,281,168 | 1,361,113 | 525,213 | 475,341 |

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-May | |
|---------------------------------|-----------|-----------|-------------|---------|
| | | | 1988 | 1989 |
| Quantity (short tons) | | | | |
| Wire rod and related products: | | | | |
| Wire rod: | | | | |
| Carbon----- | 1,341,257 | 1,355,951 | 626,267 | 440,486 |
| Alloy----- | 107,463 | 118,672 | 50,800 | 46,923 |
| Wire: | | | | |
| Carbon----- | 504,898 | 486,699 | 213,054 | 191,267 |
| Alloy----- | 31,999 | 33,028 | 13,656 | 18,265 |
| Wire products: | | | | |
| Nails----- | 440,746 | 364,748 | 157,531 | 145,220 |
| Barbed wire----- | 16,643 | 15,538 | 7,923 | 6,245 |
| Wire fencing----- | 13,263 | 12,052 | 6,026 | 20,954 |
| Bale ties----- | 1,719 | 1,849 | 732 | 510 |
| Wire strand----- | 98,898 | 88,300 | 34,352 | 66,943 |
| Wire rope----- | 65,683 | 77,564 | 29,443 | 51,997 |
| Milliners wire----- | 12,426 | 12,400 | 6,204 | 1/ |
| Total----- | 2,634,993 | 2,566,801 | 1,145,987 | 988,810 |
| Structurals: | | | | |
| Heavy----- | 1,884,684 | 1,955,762 | 811,742 | 750,322 |
| Fabricated----- | 268,985 | 232,705 | 109,147 | 73,966 |
| Total----- | 2,153,669 | 2,188,467 | 920,889 | 824,288 |
| Rails and related products: | | | | |
| Rails----- | 213,530 | 260,006 | 98,115 | 115,299 |
| Joint bars and tie plates----- | 13,969 | 8,487 | 7,491 | 8,939 |
| Track spikes----- | 370 | 205 | 129 | 3,543 |
| Wheels and axles----- | 18,120 | 50,734 | 21,576 | 25,858 |
| Total----- | 245,988 | 319,432 | 127,311 | 153,638 |
| Pipes and tubes: | | | | |
| Oil country tubular goods----- | 594,463 | 1,032,296 | 473,077 | 158,711 |
| Line pipe----- | 526,047 | 507,914 | 223,401 | 186,722 |
| Mechanical pipe----- | 284,807 | 382,270 | 181,299 | 171,180 |
| Structural pipe----- | 428,758 | 278,870 | 132,858 | 145,142 |
| Pressure tubing----- | 27,122 | 52,100 | 22,525 | 24,550 |
| Other (including standard)----- | 887,446 | 996,487 | 467,495 | 312,383 |
| Total----- | 2,748,644 | 3,249,937 | 1,500,655 | 998,688 |

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-May | |
|---------------------------------|---------|---------|-------------|--------|
| | | | 1988 | 1989 |
| Quantity (short tons) | | | | |
| Stainless and alloy tool steel: | | | | |
| Stainless: | | | | |
| Semifinished: | | | | |
| Ingots----- | 1,106 | 3,877 | 126 | 36 |
| Blooms and billets----- | 48,955 | 40,772 | 15,348 | 20,583 |
| Slabs and sheet bars----- | 6,664 | 17,758 | 7,086 | 9,931 |
| Total----- | 56,725 | 62,407 | 22,560 | 30,549 |
| Plate----- | 11,118 | 15,847 | 6,349 | 8,028 |
| Sheet and strip: | | | | |
| Sheet: | | | | |
| Hot rolled----- | 5,179 | 7,331 | 2,888 | 3,747 |
| Cold rolled----- | 114,806 | 103,577 | 42,794 | 41,474 |
| Strip----- | 9,309 | 7,676 | 3,590 | 8,397 |
| Total----- | 129,295 | 118,584 | 49,272 | 53,617 |
| Bars and shapes----- | 37,991 | 40,724 | 17,159 | 12,696 |
| Wire rod----- | 18,311 | 19,210 | 7,222 | 8,449 |
| Wire----- | 19,084 | 20,653 | 7,919 | 10,181 |
| Pipe and tube----- | 26,448 | 36,752 | 17,069 | 17,103 |
| Alloy tool steel (all forms): | | | | |
| Semifinished <u>2</u> /----- | 6,880 | 4,408 | 1,775 | 500 |
| Bars----- | 19,792 | 28,867 | 13,425 | 853 |
| Other----- | 13,927 | 10,820 | 4,834 | 37,956 |
| Total----- | 40,599 | 44,095 | 20,034 | 39,310 |

See footnotes at end of table.

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

| Item | 1987 | 1988 | January-May | |
|---|--------|--------|-------------|--------|
| | | | 1988 | 1989 |
| Share of product group totals (percent) | | | | |
| Carbon and certain alloy <u>3</u> / steel: | | | | |
| Semifinished <u>2</u> / Ingots----- | 4.66 | 3.71 | 3.54 | 2.44 |
| Blooms and billets----- | 19.09 | 20.91 | 22.16 | 30.77 |
| Slabs and sheet bars----- | 76.25 | 75.38 | 74.30 | 66.79 |
| Total----- | 100.00 | 100.00 | 100.00 | 100.00 |
| Plate: | | | | |
| Carbon----- | 93.27 | 94.28 | 94.30 | 92.35 |
| Alloy----- | 6.73 | 5.72 | 5.70 | 7.65 |
| Total----- | 100.00 | 100.00 | 100.00 | 100.00 |
| Sheet and strip: | | | | |
| Hot rolled: | | | | |
| Sheet----- | 27.42 | 30.61 | 28.59 | 27.97 |
| Strip----- | 0.56 | 0.69 | 0.59 | 1.92 |
| Cold rolled: | | | | |
| Black plate----- | 2.06 | 2.02 | 1.75 | 2.57 |
| Electrical----- | 0.84 | 0.90 | 0.93 | 1.49 |
| Other sheet----- | 27.84 | 27.99 | 28.16 | 25.75 |
| Other strip----- | 1.75 | 1.76 | 1.94 | 2.04 |
| Galvanized----- | 29.77 | 27.12 | 29.66 | 26.01 |
| Tin plate----- | 4.29 | 4.10 | 3.77 | 5.96 |
| Tin free----- | 1.31 | 1.36 | 1.13 | 2.06 |
| Other coated----- | 4.18 | 3.45 | 3.50 | 4.23 |
| Total----- | 100.00 | 100.00 | 100.00 | 100.00 |
| Bar: | | | | |
| Hot rolled: | | | | |
| Carbon----- | 34.58 | 35.04 | 34.88 | 36.56 |
| Alloy----- | 12.55 | 13.73 | 16.02 | 13.41 |
| Cold rolled: | | | | |
| Carbon----- | 11.89 | 11.85 | 13.37 | 11.35 |
| Alloy----- | 3.19 | 3.83 | 3.80 | 4.65 |
| Reinforcing----- | 27.45 | 26.25 | 21.72 | 23.52 |
| Light structural shapes----- | 10.34 | 9.30 | 10.21 | 10.52 |
| Total----- | 100.00 | 100.00 | 100.00 | 100.00 |

) See footnotes at end of table.

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

| Item | 1987 | 1988 | January-May | |
|---|--------|--------|-------------|--------|
| | | | 1988 | 1989 |
| Share of product group totals (percent) | | | | |
| Wire rod and related products: | | | | |
| Wire rod: | | | | |
| Carbon----- | 50.90 | 52.83 | 54.65 | 44.55 |
| Alloy----- | 4.08 | 4.62 | 4.43 | 4.75 |
| Wire: | | | | |
| Carbon----- | 19.16 | 18.96 | 18.59 | 19.34 |
| Alloy----- | 1.21 | 1.29 | 1.19 | 1.85 |
| Wire products: | | | | |
| Nails----- | 16.73 | 14.21 | 13.75 | 14.69 |
| Barbed wire----- | 0.63 | 0.61 | 0.69 | 0.63 |
| Wire fencing----- | 0.50 | 0.47 | 0.53 | 2.12 |
| Bale ties----- | 0.07 | 0.07 | 0.06 | 0.05 |
| Wire strand----- | 3.75 | 3.44 | 3.00 | 6.77 |
| Wire rope----- | 2.49 | 3.02 | 2.57 | 5.26 |
| Milliners wire----- | 0.47 | 0.48 | 0.54 | 1/ |
| Total----- | 100.00 | 100.00 | 100.00 | 100.00 |
| Structurals: | | | | |
| Heavy----- | 87.51 | 89.37 | 88.15 | 91.03 |
| Fabricated----- | 12.49 | 10.63 | 11.85 | 8.97 |
| Total----- | 100.00 | 100.00 | 100.00 | 100.00 |
| Rails and related products: | | | | |
| Rails----- | 86.80 | 81.40 | 77.07 | 75.05 |
| Joint bars and tie plates----- | 5.68 | 2.66 | 5.88 | 5.82 |
| Track spikes----- | 0.15 | 0.06 | 0.10 | 2.31 |
| Wheels and axles----- | 7.37 | 15.88 | 16.95 | 16.83 |
| Total----- | 100.00 | 100.00 | 100.00 | 100.00 |
| Pipes and tubes: | | | | |
| Oil country tubular goods----- | 21.63 | 31.76 | 31.52 | 15.89 |
| Line pipe----- | 19.14 | 15.63 | 14.89 | 18.70 |
| Mechanical pipe----- | 10.36 | 11.76 | 12.08 | 17.14 |
| Structural pipe----- | 15.60 | 8.58 | 8.85 | 14.53 |
| Pressure tubing----- | 0.99 | 1.60 | 1.50 | 2.46 |
| Other (including standard)----- | 32.29 | 30.66 | 31.15 | 31.28 |
| Total----- | 100.00 | 100.00 | 100.00 | 100.00 |

See footnotes at end of table.

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

| Item | 1987 | 1988 | January-May | |
|---|--------|--------|-------------|--------|
| | | | 1988 | 1989 |
| Share of product group totals (percent) | | | | |
| Stainless and alloy tool steel: | | | | |
| Stainless: | | | | |
| Semifinished: | | | | |
| Ingots----- | 1.95 | 6.21 | 0.56 | 0.12 |
| Blooms and billets----- | 86.30 | 65.33 | 68.03 | 67.38 |
| Slabs and sheet bars----- | 11.75 | 28.45 | 31.41 | 32.51 |
| Total----- | 100.00 | 100.00 | 100.00 | 100.00 |
| Plate----- | 100.00 | 100.00 | 99.99 | 99.99 |
| Sheet and strip: | | | | |
| Sheet: | | | | |
| Hot rolled----- | 4.01 | 6.18 | 5.86 | 6.99 |
| Cold rolled----- | 88.79 | 87.34 | 86.85 | 77.35 |
| Strip----- | 7.20 | 6.47 | 7.29 | 15.66 |
| 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 | 100.00 | 100.00 |
| 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 ^{2/} ----- | 16.95 | 10.00 | 8.86 | 1.27 |
| Bars----- | 48.75 | 65.47 | 67.01 | 2.17 |
| Other----- | 34.30 | 24.54 | 24.13 | 96.56 |
| Total----- | 100.00 | 100.00 | 100.00 | 100.00 |

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

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

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

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

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

(Short tons)

| Item | 1987 | 1988 | January-May | |
|-----------------------------|------------|------------|-------------|-----------|
| | | | 1988 | 1989 |
| Atlantic Coast | 4,673,187 | 4,743,215 | 2,365,187 | 1,787,678 |
| Great Lakes-Canadian border | 6,594,724 | 6,342,613 | 2,167,764 | 1,946,949 |
| Gulf Coast-Mexican border | 4,930,247 | 5,938,464 | 2,884,077 | 1,968,912 |
| Off-shore | 374,262 | 403,506 | 128,963 | 171,409 |
| Pacific Coast | 4,366,056 | 4,441,267 | 1,920,463 | 1,565,474 |
| Total | 20,938,475 | 21,869,065 | 9,466,454 | 7,440,422 |

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

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

(Short tons)

| Item | 1987 | 1988 | January-May | |
|---------------------------------------|-----------|-----------|-------------|-----------|
| | | | 1988 | 1989 |
| Carbon and certain alloy 1/ steel: | | | | |
| Semifinished 2/----- | 384,562 | 471,964 | 256,219 | 185,103 |
| Plate----- | 258,880 | 331,537 | 160,584 | 102,211 |
| Sheet and strip----- | 1,900,352 | 1,771,637 | 956,098 | 646,971 |
| Bars and certain shapes----- | 222,055 | 220,708 | 94,887 | 65,859 |
| Wire rod----- | 310,731 | 297,606 | 140,138 | 102,524 |
| Wire----- | 119,558 | 108,857 | 48,819 | 39,290 |
| Wire products----- | 266,335 | 220,011 | 90,555 | 106,723 |
| Structural shapes and units-- | 581,450 | 602,240 | 291,072 | 273,230 |
| Rails and related products-- | 25,273 | 36,885 | 20,309 | 17,301 |
| Pipe and tube----- | 462,405 | 523,784 | 238,784 | 161,355 |
| Total----- | 4,531,600 | 4,585,229 | 2,297,465 | 1,700,566 |
| Stainless and alloy tool steel: | | | | |
| Stainless steel: | | | | |
| Semifinished 2/----- | 15,595 | 24,249 | 9,000 | 7,772 |
| Plate----- | 4,167 | 6,134 | 2,405 | 4,465 |
| Sheet and strip----- | 42,918 | 45,874 | 19,506 | 21,621 |
| Bars and certain shapes----- | 19,945 | 22,371 | 10,461 | 7,420 |
| Wire rod----- | 13,117 | 13,526 | 5,157 | 6,177 |
| Wire----- | 10,357 | 10,593 | 4,027 | 5,524 |
| Pipe and tube----- | 10,147 | 12,391 | 6,101 | 5,858 |
| Tool steel (all forms)----- | 25,340 | 22,848 | 11,064 | 28,276 |
| Total----- | 141,586 | 157,986 | 67,722 | 87,112 |
| Grand Total----- | 4,673,187 | 4,743,215 | 2,365,187 | 1,787,678 |

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

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

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

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

(Short tons)

| Item | 1987 | 1988 | January-May | |
|---|------------------|------------------|------------------|------------------|
| | | | 1988 | 1989 |
| Carbon and certain alloy 1/ steel: | | | | |
| Semifinished 2/----- | 498,851 | 414,978 | 104,173 | 121,030 |
| Plate----- | 663,496 | 723,681 | 248,950 | 177,662 |
| Sheet and strip----- | 2,630,195 | 2,396,464 | 709,846 | 603,950 |
| Bars and certain shapes----- | 561,285 | 625,771 | 234,788 | 210,817 |
| Wire rod----- | 565,070 | 545,070 | 225,412 | 206,446 |
| Wire----- | 251,126 | 253,271 | 111,121 | 108,940 |
| Wire products----- | 95,457 | 83,750 | 37,442 | 43,641 |
| Structural shapes and units--- | 566,003 | 522,423 | 181,510 | 134,947 |
| Rails and related products--- | 107,729 | 179,981 | 57,195 | 67,348 |
| Pipe and tube----- | 564,259 | 488,579 | 217,331 | 225,658 |
| Total ----- | 6,503,470 | 6,233,970 | 2,127,767 | 1,900,439 |
| Stainless and alloy tool steel: | | | | |
| Stainless steel: | | | | |
| Semifinished 2/----- | 27,149 | 34,966 | 12,410 | 18,934 |
| Plate----- | 1,971 | 3,246 | 848 | 895 |
| Sheet and strip----- | 34,156 | 33,923 | 11,618 | 11,091 |
| Bars and certain shapes----- | 4,170 | 4,098 | 1,314 | 451 |
| Wire rod----- | 1,047 | 661 | 196 | 327 |
| Wire----- | 4,794 | 6,053 | 2,497 | 2,710 |
| Pipe and tube----- | 6,134 | 7,833 | 3,828 | 3,523 |
| Tool steel (all forms) ----- | 11,832 | 17,864 | 7,285 | 8,578 |
| Total ----- | 91,254 | 108,644 | 39,997 | 46,510 |
| Grand Total ----- | 6,594,724 | 6,342,613 | 2,167,764 | 1,946,949 |

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

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

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

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

(Short tons)

| Item | 1987 | 1988 | January-May | |
|---|------------------|------------------|------------------|------------------|
| | | | 1988 | 1989 |
| Carbon and certain alloy 1/ steel: | | | | |
| Semifinished 2/----- | 866,421 | 1,061,770 | 548,018 | 327,091 |
| Plate----- | 419,658 | 567,614 | 292,970 | 187,538 |
| Sheet and strip----- | 1,515,043 | 1,558,244 | 782,537 | 583,218 |
| Bars and certain shapes----- | 131,573 | 137,056 | 66,316 | 60,194 |
| Wire rod----- | 257,709 | 349,946 | 185,335 | 93,851 |
| Wire----- | 76,094 | 64,524 | 27,400 | 25,889 |
| Wire products----- | 107,410 | 105,823 | 48,378 | 56,704 |
| Structural shapes and units----- | 473,758 | 493,074 | 203,421 | 177,419 |
| Rails and related products----- | 61,358 | 64,016 | 30,554 | 50,435 |
| Pipe and tube----- | 959,115 | 1,493,874 | 679,788 | 380,652 |
| Total----- | 4,868,139 | 5,895,942 | 2,864,716 | 1,942,991 |
| Stainless and alloy tool steel: | | | | |
| Stainless steel: | | | | |
| Semifinished 2/----- | 13,974 | 3,131 | 1,109 | 3,844 |
| Plate----- | 2,714 | 3,233 | 1,980 | 1,861 |
| Sheet and strip----- | 29,042 | 16,038 | 7,744 | 10,173 |
| Bars and certain shapes----- | 5,951 | 6,668 | 2,757 | 2,074 |
| Wire rod----- | 1,117 | 1,220 | 397 | 646 |
| Wire----- | 1,350 | 606 | 262 | 484 |
| Pipe and tube----- | 6,665 | 10,896 | 4,679 | 6,101 |
| Tool steel (all forms)----- | 1,295 | 730 | 434 | 738 |
| Total----- | 62,108 | 42,523 | 19,361 | 25,921 |
| Grand Total----- | 4,930,247 | 5,938,464 | 2,884,077 | 1,968,912 |

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

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

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

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

(Short tons)

| Item | 1987 | 1988 | January-May | |
|---------------------------------------|---------|---------|-------------|---------|
| | | | 1988 | 1989 |
| Carbon and certain alloy 1/ steel: | | | | |
| Semifinished 2/----- | 0 | 3/ | 0 | 0 |
| Plate----- | 6,693 | 13,906 | 4,660 | 3,062 |
| Sheet and strip----- | 90,238 | 72,445 | 25,363 | 28,998 |
| Bars and certain shapes----- | 164,360 | 157,820 | 53,558 | 82,882 |
| Wire rod----- | 11,940 | 16,953 | 2,910 | 5,174 |
| Wire----- | 11,147 | 14,739 | 5,866 | 4,963 |
| Wire products----- | 7,285 | 10,190 | 4,118 | 2,374 |
| Structural shapes and units-- | 22,499 | 21,786 | 6,362 | 17,868 |
| Rails and related products-- | 445 | 88 | 7 | 211 |
| Pipe and tube----- | 58,545 | 93,829 | 25,456 | 24,887 |
| Total----- | 373,151 | 401,758 | 128,300 | 170,419 |
| Stainless and alloy tool steel: | | | | |
| Stainless steel: | | | | |
| Semifinished 2/----- | 0 | 0 | 0 | 0 |
| Plate----- | 0 | 3/ | 0 | 0 |
| Sheet and strip----- | 1 | 0 | 0 | 36 |
| Bars and certain shapes----- | 0 | 15 | 0 | 3/ |
| Wire rod----- | 0 | 0 | 0 | 0 |
| Wire----- | 1,074 | 1,690 | 622 | 641 |
| Pipe and tube----- | 36 | 42 | 42 | 18 |
| Tool steel (all forms)----- | 0 | 0 | 0 | 295 |
| Total----- | 1,111 | 1,748 | 663 | 990 |
| Grand Total----- | 374,262 | 403,506 | 128,963 | 171,409 |

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

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

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

(Short tons)

| Item | 1987 | 1988 | January-May | |
|---------------------------------------|-----------|-----------|-------------|-----------|
| | | | 1988 | 1989 |
| Carbon and certain alloy 1/ steel: | | | | |
| Semifinished 2/----- | 482,436 | 833,859 | 289,026 | 209,696 |
| Plate----- | 206,851 | 220,352 | 82,167 | 94,296 |
| Sheet and strip----- | 1,610,768 | 1,386,590 | 638,206 | 548,897 |
| Bars and certain shapes----- | 201,894 | 219,758 | 75,665 | 55,590 |
| Wire rod----- | 303,270 | 265,048 | 123,273 | 79,414 |
| Wire----- | 78,972 | 78,336 | 33,504 | 30,450 |
| Wire products----- | 172,890 | 152,677 | 61,717 | 82,428 |
| Structural shapes and units----- | 509,959 | 548,943 | 238,524 | 220,824 |
| Rails and related products----- | 51,183 | 38,461 | 19,245 | 18,344 |
| Pipe and tube----- | 704,321 | 649,871 | 339,296 | 206,136 |
| Total----- | 4,322,545 | 4,393,893 | 1,900,623 | 1,546,074 |
| Stainless and alloy tool steel: | | | | |
| Stainless steel: | | | | |
| Semifinished 2/----- | 7 | 61 | 40 | 0 |
| Plate----- | 2,266 | 3,233 | 1,116 | 806 |
| Sheet and strip----- | 23,178 | 22,749 | 10,404 | 10,696 |
| Bars and certain shapes----- | 7,925 | 7,573 | 2,627 | 2,751 |
| Wire rod----- | 3,030 | 3,803 | 1,472 | 1,299 |
| Wire----- | 1,508 | 1,711 | 511 | 822 |
| Pipe and tube----- | 3,465 | 5,590 | 2,419 | 1,602 |
| Tool steel (all forms)----- | 2,132 | 2,653 | 1,251 | 1,423 |
| Total----- | 43,511 | 47,373 | 19,840 | 19,400 |
| Grand Total----- | 4,366,056 | 4,441,267 | 1,920,463 | 1,565,474 |

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

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

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

Appendix A

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

DEFINITIONS

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

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

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

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

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

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

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

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

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

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

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

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

9. Semifinished products include:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

(c) Other sheet; provided for in items 7209.11.0000, 7209.12.0030, 7209.12.0090, 7209.13.0030, 7209.13.0090, 7209.14.0030, 7209.14.0090, 7209.21.0000, 7209.22.0000, 7209.23.0000, 7209.24.5000, 7209.31.0000, 7209.32.0000, 7209.33.0000, 7209.34.0000, 7209.41.0000, 7209.42.0000, 7209.43.0000, 7209.44.0000, 7210.70.3000, 7225.50.7000, 7225.50.8000 of the HTS.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

12. Wire rod and related products include:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

(ii) Line pipe; provided for in items 7304.101020, 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 HTS. Line pipe is included in AISI product group No. 20.

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

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

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

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

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

16. Alloy tool steel (all forms) provided for in items 7224.10.0030, 7224.90.0010, 7224.90.0020, 7224.90.0030, 7225.20.0000, 7225.30.1000, 7225.30.5030, 7225.30.5060, 7225.40.1015, 7225.40.1090, 7225.40.5030, 7225.40.5060, 7225.50.1030, 7225.50.1060, 7226.20.0000, 7226.91.1030, 7226.91.1060, 7226.91.3030, 7226.91.3060, 7226.92.1030, 7226.92.1060, 7226.92.3030, 7226.92.3060, 7227.10.000, 7227.90.1030, 7227.90.1060, 7227.90.2030, 7227.90.2060, 7228.10.0010, 7228.10.0030, 7228.10.0060, 7228.30.2000, 7228.30.4000, 7228.30.6000, 7228.50.1010, 7228.50.1020, 7228.50.1040, 7228.50.1060, 7228.50.1080, 7228.60.1030, 7228.60.1060, and 7229.10.0000 of the HTS. Alloy tool steel is included in AISI product group No. 17. Consistent with previous Commission investigations and industry practice, tool steel of the type described in headnote 1(h) of chapter 72 of the HTS, which is commonly referred to as bearing steel, is included with "certain alloy" products.

Appendix B

**Definitions of Certain Specialty Steels
Including Alloy Tool Steel**

HARMONIZED TARIFF SCHEDULE of the United States

Annotated for Statistical Reporting Purposes

SUBCHAPTER III

TEMPORARY MODIFICATIONS ESTABLISHED PURSUANT TO TRADE LEGISLATION

XXII
99-21U.S. Notes

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

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

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

HARMONIZED TARIFF SCHEDULE of the United States

Annotated for Statistical Reporting Purposes

II
-22

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

- (i) The term "mold blocks" refers to products of either stainless steel bar or alloy tool steel whose chemistry meets that of either H13 hot-work tool steel forged bars, P20 mold steel forged bars, or hardenable Cr stainless steel 420 forged bars, as defined in subparagraphs (a), (b), and (c) below:
- (A) "H13 hot-work tool steel forged bars" refers to forged bars of the alloy tool steel grade containing by weight, in addition to iron, not less than 0.32 percent nor more than 0.45 percent carbon; not less than 4.75 percent nor more than 5.50 percent chromium; not less than 0.20 percent nor more than 0.5 percent manganese; not less than 1.10 percent nor more than 1.75 percent molybdenum; not more than 0.030 percent phosphorous; not more than 0.030 percent sulfur; not less than 0.80 percent nor more than 1.20 percent silicon; and not less than 0.80 percent nor more than 1.20 percent vanadium.
- (B) "P20 mold steel forged blocks" refers to forged bars of the alloy tool steel grade containing by weight, in addition to iron, not less than 0.28 percent nor more than 0.40 percent carbon; not less than 1.40 percent nor more than 2.00 percent chromium; not less than 0.60 percent nor more than 1.00 percent manganese; not less than 0.30 percent nor more than 0.55 percent molybdenum; not more than 0.030 percent phosphorous; not more than 0.030 percent sulfur; and not less than 0.20 percent nor more than 0.80 percent silicon.
- (C) "Hardenable Cr Stainless Steel 420 forged bars" refers to stainless steel forged bars containing by weight over 0.15 percent carbon; not less than 12.00 percent nor more than 14 percent chromium; not more than 1.00 percent manganese; not more than 0.040 percent phosphorous; not more than 0.030 percent sulfur; not more than 1.00 percent silicon.
- (ii) Mold blocks may only be forged bars of P20 mold steel, forged bars of H13 hot-work tool steel, and hardenable Cr stainless steel 420 forged bars of Canadian origin which are used in the United States to produce plastic injection molds, die-casting molds, and metal forming dies for automotive components. If rectangular, these bars must be between 10.16 and 101.6 cm in thickness and between 33.02 and 182.88 cm in width. Round bars of these steels must be between 20.32 and 60.96 cm in diameter. The rectangular bars must be machined on four faces at 90 degrees. In addition, one surface must be machined not to exceed 250AA roughness height (250 R.M.S. value), and surfaces must be perpendicular within 0.1588 cm. The round bars must be machined on both end faces, and their periphery must be machined not to exceed 250AA roughness height (250 R.M.S. value).
- (iii) In order for the product to be considered a mold block, the Canadian government and the importer must certify that the product meets the requirements set forth in subparagraphs (i) and (ii) above. The Canadian government will certify that the tonnage in the shipment, when added to other such certified shipments during the same restraint period, does not exceed the tonnage allowed under subheading 9903.72.40, 9903.72.42, or 9903.72.44, as appropriate. Such certification must be endorsed by the competent Canadian government authorities and presented to U.S. Customs at the time of entry into the United States.
- (iv) The Government of the United States will allow entry of such mold blocks only to the extent that the quantity of mold blocks entered does not exceed the quantities set forth in subheadings 9903.72.40, 9903.72.42, and 9903.72.44, respectively. Entries in excess of such quantity will be subject to the restraint levels described in subheadings 9903.72.10, 9903.72.12, 9903.72.14, 9903.72.30, 9903.72.32, and 9903.72.34, as appropriate.

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

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

- (1) the term "tungsten articles" means ammonium paratungstate provided for in subheading 2841.80 and tungstic acid provided for in subheading 2825.90.50;
- (b) Export certificate.--Effective January 1, 1988, none of the tungsten articles provided for herein that are exported from the People's Republic of China (the PRC) shall be entered, or withdrawn from warehouse for consumption, unless such tungsten articles are accompanied by a validated export certificate issued by the competent authority of the Government of the People's Republic of China;
- (c) Carryover.--Whenever the specified limit of imports has not been entered during a period, an amount not to exceed 5 percent (except that the United States Trade Representative may by prior determination permit a carryover of greater than 5 percent) of the limit specified in the period in which the shortfall occurred may be entered in the subsequent period.

HARMONIZED TARIFF SCHEDULE of the United States

Annotated for Statistical Reporting Purposes

XXII
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 1.65 percent nor more than 1.95 percent; |
| | nickel: | not more than 0.25 percent; |
| | copper: | not more than 0.35 percent; |
| | molybdenum: | not less than 0.18 percent nor more than 0.4 percent; |
| | aluminum: | not more than 0.05 percent; |

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

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

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

HARMONIZED TARIFF SCHEDULE of the United States

Annotated for Statistical Reporting Purposes

XXII
99-24

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

- (i) The term "mold blocks" refers to products of either stainless steel bar or alloy tool steel whose chemistry meets that of either H13 hot-work tool steel forged bars, P20 mold steel forged bars, or hardenable Cr stainless steel 420 forged bars, as defined in subparagraphs (a), (b), and (c) below:
- (A) "H13 hot-work tool steel forged bars" refers to forged bars of the alloy tool steel grade containing by weight, in addition to iron, not less than 0.32 percent nor more than 0.45 percent carbon; not less than 4.75 percent nor more than 5.50 percent chromium; not less than 0.20 percent nor more than 0.5 percent manganese; not less than 1.10 percent nor more than 1.75 percent molybdenum; not more than 0.030 percent phosphorous; not more than 0.030 percent sulfur; not less than 0.80 percent nor more than 1.20 percent silicon; and not less than 0.80 percent nor more than 1.20 percent vanadium.
- (B) "P20 mold steel forged blocks" refers to forged bars of the alloy tool steel grade containing by weight, in addition to iron, not less than 0.28 percent nor more than 0.40 percent carbon; not less than 1.40 percent nor more than 2.00 percent chromium; not less than 0.60 percent nor more than 1.00 percent manganese; not less than 0.30 percent nor more than 0.55 percent molybdenum; not more than 0.030 percent phosphorous; not more than 0.030 percent sulfur; and not less than 0.20 percent nor more than 0.80 percent silicon.
- (C) "Hardenable Cr Stainless Steel 420 forged bars" refers to stainless steel forged bars containing by weight over 0.15 percent carbon; not less than 12.00 percent nor more than 14 percent chromium; not more than 1.00 percent manganese; not more than 0.040 percent phosphorous; not more than 0.030 percent sulfur; not more than 1.00 percent silicon.
- (ii) Mold blocks may only be forged bars of P20 mold steel, forged bars of H13 hot-work tool steel, and hardenable Cr stainless steel 420 forged bars of Canadian origin which are used in the United States to produce plastic injection molds, die-casting molds, and metal forming dies for automotive components. If rectangular, these bars must be between 10.16 and 101.6 cm in thickness and between 33.02 and 182.88 cm in width. Round bars of these steels must be between 20.32 and 60.96 cm in diameter. The rectangular bars must be machined on four faces at 90 degrees. In addition, one surface must be machined not to exceed 250AA roughness height (250 R.M.S. value), and surfaces must be perpendicular within 0.1588 cm. The round bars must be machined on both end faces, and their periphery must be machined not to exceed 250AA roughness height (250 R.M.S. value).
- (iii) In order for the product to be considered a mold block, the Canadian government and the importer must certify that the product meets the requirements set forth in subparagraphs (i) and (ii) above. The Canadian government will certify that the tonnage in the shipment, when added to other such certified shipments during the same restraint period, does not exceed the tonnage allowed under subheading 9903.72.40, 9903.72.42, or 9903.72.44, as appropriate. Such certification must be endorsed by the competent Canadian government authorities and presented to U.S. Customs at the time of entry into the United States.
- (iv) The Government of the United States will allow entry of such mold blocks only to the extent that the quantity of mold blocks entered does not exceed the quantities set forth in subheadings 9903.72.40, 9903.72.42, and 9903.72.44, respectively. Entries in excess of such quantity will be subject to the restraint levels described in subheadings 9903.72.10, 9903.72.12, 9903.72.14, 9903.72.30, 9903.72.32, and 9903.72.34, as appropriate.
5. Quantitative limitations on certain tungsten articles.--The provisions of this note apply to subheadings 9903.28.05 through 9903.28.25, inclusive. The limitations imposed are in addition to the duties provided for the restrained articles in chapter 28 or in chapter 98, where applicable. The quantitative limitations shall include imports entered, or withdrawn from warehouse for consumption, informal entries, temporary imports under bond, and imports under chapter 98.
- (a) Definitions.--For purposes of this subchapter--
- (i) the term "tungsten articles" means ammonium paratungstate provided for in subheading 2841.80 and tungstic acid provided for in subheading 2825.90.50;
- (b) Export certificate.--Effective January 1, 1988, none of the tungsten articles provided for herein that are exported from the People's Republic of China (the PRC) shall be entered, or withdrawn from warehouse for consumption, unless such tungsten articles are accompanied by a validated export certificate issued by the competent authority of the Government of the People's Republic of China;
- (c) Carryover.--Whenever the specified limit of imports has not been entered during a period, an amount not to exceed 5 percent (except that the United States Trade Representative may by prior determination permit a carryover of greater than 5 percent) of the limit specified in the period in which the shortfall occurred may be entered in the subsequent period.

HARMONIZED TARIFF SCHEDULE of the United States

*Annotated for Statistical Reporting Purposes*XXII
99-25

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

Appendix C

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

**OFFICE OF THE UNITED STATES
TRADE REPRESENTATIVE**

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

AGENCY: Office of the United States
Trade Representative.

ACTION: Notice.

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

EFFECTIVE DATE: January 1, 1989.

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

SUPPLEMENTARY INFORMATION:
Presidential Proclamation 5679 of July 16, 1967 (53 FR 27308) provided for the temporary imposition of increased tariffs and quantitative restrictions on certain stainless steel and alloy tool steel imported into the United States, pursuant to section 203 of the Trade Act of 1974. Proclamation 5679 authorizes the U.S. Trade Representative to take such actions and perform such functions for the United States as may be necessary to administer and implement the relief, including negotiating orderly marketing agreements and allocating quota quantities on a country-by-country basis. The U.S. Trade Representative is also authorized to make modifications in the TSUS headline of items proclaimed by the President in order to implement such actions.

On January 1, 1989, the TSUS will be replaced by the Harmonized Tariff Schedule of the United States (HTS). Accordingly, the U.S. Trade Representative has determined that the following revisions to Chapter 98, subchapter III, of the HTS are required for continued implementation of Proclamation 5679 after December 31, 1988.

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

The term "*razor blade steel of the type described in U.S. note 4(a)(ii) to this subchapter*" refers to products of stainless steel of the type described in U.S. note 4(a)(ix) to this subchapter, which are flat rolled, not over 0.254mm in thickness and not over 2.286cm in width—and, when cold rolled, are over 1.27cm in width—contain by weight not less than 11.5 percent, and not

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

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

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

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

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

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

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

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

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

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

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

4(a)(xiii) The term "*plate of the type described in U.S. note 4(a)(xiii) to this subchapter*" refers to products which are flat rolled, whether or not corrugated or crimped, 4.7625mm or more in thickness and over 30.32cm in width when hot rolled or over 30.48cm in width when cold rolled:

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

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

4(a)(xvi) The term "*wire of the type described in U.S. note 4(a)(xvi) to this subchapter*" refers to products which are either cold drawn, in coils, of any cross-sectional configuration and not over 17.8582mm in maximum cross-sectional dimension; or in coils with a cold rolled finish, of solid rectangular cross section, not over 6.35mm in thickness and not over 1.27cm in width.

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

Replace the entire text of subheading 9903.72.00 with the following:

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

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

Replace the entire text of subheading 9903.72.01 with the following:

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

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

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

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

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

| Item | Articles | Quota Quantity (in kilograms) | |
|------------|--|---|----------------------------|
| | | If entered during the restraint period: | |
| | | July 20 through January 19 | January 20 through July 19 |
| 9903.72.10 | If entered during the period from October 20, 1987, through July 19, 1988 inclusive: | | |
| | Austria | n/a | 97,977 |
| | Canada | 250,388 | 501,678 |
| | Japan | 3,213,281 | 6,427,470 |
| | Korea | 439,989 | 880,885 |
| | Mexico | 25,401 | 51,710 |
| | Spain | 987,913 | 1,995,827 |
| | Sweden | 308,446 | 616,892 |
| | Taiwan | 22,680 | 45,360 |
| | Other, except as provided in U.S. note 4(g)(ii) to this subchapter | 99,791 | 97,070 |
| 9903.72.12 | If entered during the period from July 20, 1988, through July 19, 1989 inclusive: | | |
| | Austria | 97,070 | 97,977 |
| | Canada | 512,565 | 512,565 |
| | Japan | 6,572,621 | 6,572,621 |
| | Korea | 891,772 | 892,679 |
| | Mexico | 58,060 | 58,968 |
| | Spain | 2,041,187 | 2,041,187 |
| | Sweden | 630,500 | 631,407 |
| | Taiwan | 48,287 | 47,174 |
| | Other, except as provided in U.S. note 4(g)(ii) to this subchapter | 107,956 | 104,327 |
| 9903.72.14 | If entered during the period from July 20, 1989, through September 30, 1989 inclusive: | | |
| | Austria | 39,009 | (¹) |
| | Canada | 211,376 | (¹) |
| | Japan | 2,707,974 | (¹) |
| | Korea | 367,414 | (¹) |
| | Mexico | 24,484 | (²) |
| | Spain | 840,969 | (¹) |
| | Sweden | 259,457 | (¹) |
| | Taiwan | 19,051 | (¹) |
| | Other, except as provided in U.S. note 4(g)(ii) to this subchapter | 44,453 | (²) |

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

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

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

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

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

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

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

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

7217.21.30, 7217.21.50, 7217.22.10, 7117.22.50, 7217.23.10, 7217.23.50, 7217.29.10, 7217.29.50, 7217.31.10, 7217.31.30, 7217.31.50, 7217.32.10, 7217.32.50, 7217.33.10, 7217.33.50, 7217.39.10, 7217.39.50, 7219.11, 7219.12, 7219.13, 7219.14, 7219.21, 7219.22, 7219.23, 7219.24, 7219.31, 7219.32, 7219.33, 7219.34, 7219.35, 7219.90, 7220.11, 7220.12.10, 7220.12.50, 7220.20.10, 7220.20.60, 7220.20.70, 7220.20.80, 7220.20.90, 7220.90, 7221.00, 7222.10, 7222.20, 7222.30, 7223.00.10, 7223.00.50, 7223.00.90, 7225.20, 7225.30.10, 7225.30.30, 7225.30.50, 7225.30.70, 7225.40.10, 7225.40.30, 7225.40.50, 7225.40.70, 7225.50.10, 7225.50.60, 7225.50.70, 7225.50.80, 7225.90, 7226.20, 7226.91.10, 7226.91.30, 7226.91.50, 7226.91.70, 7226.91.80, 7226.92.10, 7226.92.30, 7226.92.50, 7226.92.70, 7226.92.60, 7226.99, 7227.10, 7227.90.10, 7227.90.20, 7227.90.60, 7228.10, 7228.30.60, 7228.30.80, 7228.40, 7228.50.10, 7228.50.50, 7228.60.10, 7228.60.80, 7228.60.80, 7229.10, 7229.90.10, 7229.90.50, 7229.90.90:

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

| Item | Articles | Quota Quantity (in kilograms) | |
|------------|--|---|----------------------------|
| | | If entered during the restraint period: | |
| | | July 20 through January 19 | January 20 through July 19 |
| 9903.72.30 | If entered during the period from October 20, 1987, through July 19, 1988 inclusive: | | |
| | Canada | 360,156 | 719,405 |
| | Japan | 1,048,716 | 2,098,340 |
| | Korea | 345,641 | 691,282 |
| | Mexico | 58,060 | 117,935 |
| | Poland | 77,111 | 155,130 |
| | Spain | 40,824 | 83,462 |
| | Sweden | 1,979,497 | 3,958,995 |
| 9903.72.32 | Other, except as provided in U.S. note 4(g)(ii) to this subchapter | 76,204 | 147,873 |
| | If entered during the period from July 20, 1988, through July 19, 1989 inclusive: | | |
| | Canada | 735,734 | 736,642 |
| | Japan | 2,144,607 | 2,145,514 |
| | Korea | 713,055 | 712,147 |
| | Mexico | 126,100 | 126,100 |
| | Poland | 151,501 | 152,409 |
| | Spain | 85,276 | 85,276 |
| 9903.72.34 | Sweden | 4,048,807 | 4,048,807 |
| | Other, except as provided in U.S. note 4(g)(ii) to this subchapter | 148,780 | 147,873 |
| | If entered during the period from July 20, 1989, through September 30, 1989 inclusive: | | |
| | Canada | 303,003 | (¹) |
| | Japan | 883,607 | (¹) |
| | Korea | 203,931 | (¹) |
| | Mexico | 51,710 | (¹) |
| | Poland | 62,596 | (¹) |
| | Spain | 35,381 | (¹) |
| | Sweden | 1,667,423 | (¹) |
| | Other, except as provided in U.S. note 4(g)(ii) to this subchapter | 61,689 | (¹) |

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

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

