

**QUARTERLY SURVEY ON CERTAIN
STAINLESS STEEL AND ALLOY
TOOL STEEL (COVERING THE
THIRD QUARTER OF 1984)**

**Report to the President on
Investigation No. 332-167
Under Section 332 of the
Tariff Act of 1930**



USITC PUBLICATION 1602

NOVEMBER 1984

UNITED STATES INTERNATIONAL TRADE COMMISSION

COMMISSIONERS

Paula Stern, Chairwoman

Susan W. Liebeler, Vice Chairman

Alfred E. Eckes

Seeley G. Lodwick

David B. Rohr

Kenneth R. Mason, Secretary to the Commission

This report was prepared by

**Dennis Rapkins
and
Anna Mae Toth**

**Metals Branch
Minerals and Metals Division**

**Office of Industries
Norris A. Lynch, Director**

**Address all communications to
Office of the Secretary
United States International Trade Commission
Washington, D.C. 20436**

QUARTERLY REPORT ON CERTAIN STAINLESS STEEL AND ALLOY TOOL STEEL

HIGHLIGHTS

During the third quarter (July-September) 1984, compared to the second quarter of 1984:

- DOMESTIC PRODUCTION of certain stainless steel and alloy tool steel products decreased 28 percent to 231,874 tons.
- U.S. PRODUCERS' SHIPMENTS decreased 20 percent to 251,108 tons.
- EMPLOYMENT of production and related workers decreased 4 percent to 13,961 workers.
- U.S. PRODUCERS' AND IMPORTERS' PRICES exhibited noteworthy changes in certain products, but did not register general upward or downward movements.
- U.S. IMPORTERS' UNFILLED ORDERS decreased 8 percent to 46,184 tons.
- U.S. IMPORTERS' INVENTORIES increased 5 percent to 23,210 tons.

U.S. production and producers' shipments

U.S. production of certain stainless steel sheet and strip, plate, bar, wire rod, and alloy tool steel decreased from April-June 1984 to July-September 1984. Stainless steel sheet and strip showed the greatest decrease, declining 35 percent from 201,604 tons in the second quarter of 1984 to 130,561 tons in the third quarter of 1984. U.S. producers' shipments of stainless steel sheet and strip, plate, bar, rod, and alloy tool steel decreased in the third quarter; shipments of stainless steel sheet and strip showed the largest decline, dropping 23 percent from 201,518 tons in the second quarter to 155,535 tons in the third quarter. In addition, shipments of alloy tool steel fell 22 percent from 24,443 tons to 18,994 tons during the same period.

Employment and hours worked

The average number of all persons employed in producing certain stainless steel and alloy tool steel decreased from 19,786 persons to 19,279 persons, or by 3 percent, from April-June 1984 to July-September 1984. Employment of production and related workers fell from 14,611 workers to 13,961 workers, or by 4 percent, over the same period. The number of hours worked by production and related workers decreased from 7.1 million man-hours to 6.4 million man-hours, or by 10 percent, from April-June 1984 to July-September 1984.

U.S. producers' prices

Surveys of the weighted average prices of certain domestic stainless steel and alloy tool steel products reflected mixed results between April and September 1984. Overall, almost an equal number of product price increases and decreases were recorded. Prices for stainless steel sheet and strip to service centers/distributors showed noteworthy decreases in the third quarter, while price increases were registered in shipments of bar to service centers/distributors.

U.S. importers' prices

Pricing data reported by U.S. importers for stainless steel and alloy tool steel products revealed fluctuating price movements between April and September 1984. Noteworthy price decreases were recorded in shipments of stainless steel sheet and strip and wire rod to end-use customers, while price increases were registered in shipments of plate to service centers/distributors.

U.S. importers' unfilled orders and inventories

Data on importers' unfilled orders from foreign sources indicate decreases in such orders for stainless steel sheet and strip, plate, and bar between June 30, 1984 and September 30, 1984. Importers' unfilled orders for stainless steel wire rod and alloy tool steel increased during the same period. Importers' inventories of stainless steel sheet and strip, plate, and alloy tool steel increased between the two quarters, while inventories of bar and rod declined.

Table 1.--Certain stainless steel and alloy tool steel: U.S. production, by types and by specified periods, October 1982-September 1984

(In tons)

Period	Stainless steel				Alloy tool steel, all forms
	Sheet and strip	Plate	Bar	Rod	
1982:					
Oct.-Dec-----	107,873	23,145	17,321	5,067	8,772
1983:					
Jan-March-----	143,081	22,538	21,113	6,195	11,243
Apr.-June-----	160,718	23,437	27,105	8,489	14,543
July-Sept-----	215,116	24,690	31,123	8,174	12,559
Oct.-Dec-----	217,471	30,710	37,188	10,893	19,362
1984:					
Jan.-March-----	226,397	29,727	46,701	13,029	24,222
Apr.-June-----	201,604	35,433	47,088	13,462	23,820
July-Sept-----	130,561	29,387	41,377	9,615	20,934
1984:					
July-----	37,225	8,613	12,089	2,764	6,157
August-----	44,023	10,246	12,947	2,707	7,553
September-----	49,313	10,528	16,341	4,144	7,224

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 2.--Certain stainless steel and alloy tool steel: U.S. producers' shipments, by types, by specified periods, October 1982-September 1984

(In tons)

Period	Stainless steel				Alloy tool steel, all forms
	Sheet and strip	Plate	Bar	Rod	
1982:					
Oct.-Dec -----	107,711	21,512	19,594	5,188	9,947
1983:					
Jan-March -----	132,297	22,565	24,172	5,976	11,840
Apr.-June -----	159,874	24,479	25,380	8,239	13,022
July-Sept -----	192,448	24,314	26,534	7,863	13,145
Oct.-Dec. -----	209,154	27,732	32,024	9,918	14,411
1984:					
Jan.-March -----	210,616	29,591	41,436	12,201	20,196
Apr.-June -----	201,518	30,680	42,246	14,096	24,443
July-Sept -----	155,535	28,093	38,212	10,434	18,994
1984:					
July -----	51,425	8,345	12,209	3,036	5,995
August -----	52,235	10,089	12,848	3,204	6,418
September -----	51,875	9,659	13,155	4,194	6,421

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 3.--Certain stainless steel and alloy tool steel: Average number of all persons employed in U.S. establishments in which certain stainless steel and alloy tool steel are produced, by specified periods, October 1982-September 1984

Period	Stainless steel				Alloy tool steel, all forms
	Sheet and strip	Plate	Bar	Rod	
1982:					
Oct.-Dec-----	4,320	1,609	3,497	873	3,605
1983:					
Jan.-March-----	6,249	1,459	3,422	796	3,485
Apr.-June-----	5,234	1,514	3,450	1,027	3,557
July-Sept-----	8,388	1,542	4,112	1,090	3,573
Oct.-Dec-----	8,226	1,498	4,316	1,234	3,814
1984:					
Jan.-March-----	^{1/} 8,748	1,326	4,490	1,264	3,953
Apr.-June-----	7,789	1,526	5,016	1,304	4,151
July-Sept-----	6,573	1,712	5,700	1,158	4,136
1984:					
July-----	6,291	1,674	5,522	1,060	4,123
August-----	6,597	1,694	5,714	961	4,317
September-----	6,832	1,767	5,863	1,454	3,968

^{1/} Data revised.

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 4.--Certain stainless steel and alloy tool steel: Average number of production and related workers employed in U.S. establishments in which stainless steel and alloy tool steel are produced, by specified periods, October 1982-September 1984

Period	Stainless steel				Alloy tool steel, all forms
	Sheet and strip	Plate	Bar	Rod	
1982:					
Oct.-Dec-----	3,243	1,162	2,037	476	2,394
1983:					
Jan.-March-----	3,854	1,056	2,004	456	2,355
Apr.-June-----	3,842	1,115	2,126	598	2,388
July-Sept-----	6,656	1,075	2,656	666	2,450
Oct.-Dec-----	6,466	1,115	3,024	780	2,267
1984:					
Jan.-March-----	^{1/} 6,987	977	3,024	807	2,756
Apr.-June-----	6,272	1,082	3,496	847	2,914
July-Sept-----	5,129	1,220	3,958	735	2,919
1984:					
July-----	4,939	1,202	3,832	667	2,877
August-----	5,148	1,206	3,940	607	3,034
September-----	5,299	1,253	4,102	930	2,846

^{1/} Data revised.

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 5.--Certain stainless steel and alloy tool steel: Number of man-hours worked by production and related workers in U.S. establishments in which certain stainless steel and alloy tool steel products are produced, by specified periods, October 1982-September 1984

Period	Stainless steel				Alloy tool steel, all forms
	Sheet and strip	Plate	Bar	Rod	
1982:					
Oct.-Dec-----	1,881,440	390,777	879,812	187,186	970,013
1983:					
Jan.-March----	2,384,759	436,443	1,002,148	219,000	960,094
Apr.-June-----	2,668,251	465,570	1,106,076	302,000	1,041,423
July-Sept-----	3,020,375	486,076	1,484,447	325,431	1,048,195
Oct.-Dec.-----	3,099,366	450,775	1,736,844	408,380	1,240,847
1984:					
Jan.-March---- ^{1/}	3,500,712	480,128	1,898,138	456,520	1,387,427
Apr.-June-----	2,820,172	559,518	1,846,557	461,516	1,441,665
July-Sept-----	2,301,369	559,121	1,712,532	365,165	1,433,114
1984:					
July-----	683,735	175,490	521,566	109,822	445,527
August-----	778,483	197,421	587,170	105,953	492,672
September----	839,151	186,210	603,796	149,390	494,515

^{1/} Data revised.

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 6a.—Stainless steel sheet (cold-rolled) 1/₁: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to steel service centers or distributors, by periods indicated, April–September 1984

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1984:				
April	1684–1802	1762	1785–1847	1826
May	1687–1770	1737	1794–1836	1823
June	1653–1738	1675	1767–1817	1793
July	1670–2492	1823	1724–2588	1799
August	***	***	1701–2570	1745
September	***	***	1607–1706	1665
U.S. importers				
1984:				
Apr.–June	1660–1747	1723	***	***
July–September	***	***	***	***

1/₁ Grade 304, 2B finish, 16 gage, 36" – 48", coil.

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 6b.—Stainless steel sheet (cold-rolled) 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to end-use customers, by periods indicated, April–September 1984

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1984:				
April—	1665–1893	1787	***	***
May—	1671–1892	1759	***	***
June—	***	***	***	***
July—	***	***	***	***
August—	***	***	***	***
September—	1598–1837	1630	***	***
U.S. importers				
1984:				
Apr.–June—	***	***	***	***
July–September—	***	***	***	***

1/ Grade 304, 2B finish, 16 gage x 36" – 48" x coil.

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 7a.—Stainless steel sheet (cold-rolled) 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to steel service centers or distributors, by periods indicated, April–September 1984

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1984:				
April	***	***	***	***
May	***	***	***	***
June	***	***	***	***
July	—	—	—	—
August	—	—	—	—
September	—	—	—	—
U.S. importers				
1984:				
Apr.–June	***	***	***	***
July–September	1530–1795	1717	1530–1795	1717

1/ Grade 430, BA finish, 24 gage x 12" – 24" x coil.

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 7b.—Stainless steel sheet (cold-rolled) 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to end-use customers, by periods indicated, April–September 1984

(Dollars per ton)

Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1984:				
April	—	—	—	—
May	—	—	—	—
June	—	—	—	—
July	***	***	***	***
August	***	***	***	***
September	***	***	***	***
U.S. importers				
1984:				
Apr.–June	***	***	***	***
July–September	***	***	***	***

1/ Grade 430, BA finish, 24 gage x 12" – 24" x coil.

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 8a.—Stainless steel sheet (cold-rolled) 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to steel service centers or distributors, by periods indicated, April–September 1984

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1984:				
April	2307–2425	2354	2386–2525	2453
May	***	***	***	***
June	***	***	***	***
July	***	***	***	***
August	***	***	***	***
September	***	***	***	***
U.S. importers				
1984:				
Apr.–June	***	***	***	***
July–September	–	–	–	–

1/ Grade 316, 2B finish, 16 gage x 36" – 48" x coil.

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 8b.—Stainless steel sheet (cold-rolled) 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to end-use customers, by periods indicated, April–September 1984

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1984:				
April	—	—	—	—
May	***	***	***	***
June	***	***	***	***
July	—	—	—	—
August	—	—	—	—
September	—	—	—	—
U.S. importers				
1984:				
Apr.–June	***	***	***	***
July–September	***	***	***	***

1/ Grade 316, 2B finish, 16 gage x 36" – 48" x coil.

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 9a.—Stainless steel sheet (cold-rolled) 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to steel service centers or distributors, by periods indicated, April–September 1984

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1984:				
April	—	—	—	—
May	***	***	***	***
June	—	—	—	—
July	—	—	—	—
August	***	***	***	***
September	—	—	—	—
U.S. importers				
1984:				
Apr.–June	***	***	***	***
July–September	***	***	***	***

1/ Grade 430, BA finish, 20 gage x 36" – 48" x coil.

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 9b.—Stainless steel sheet (cold-rolled) 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers 2/ and importers to end-use customers, by periods indicated, April–September 1984

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. importers				
1984:				
Apr.–June	***	***	***	***
July–September	***	***	***	***

1/ Grade 430, BA finish, 20 gage x 36" – 48" x coil.

2/ Producers did not report sales to end-use customers during this period.

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 10a.—Stainless steel plate 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to steel service centers or distributors, by periods indicated, April–September 1984

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1984:				
April	***	***	***	***
May	***	***	***	***
June	***	***	***	***
July	1655–1700	1676	1771–1845	1824
August	1620–1778	1646	1638–1827	1717
September	1620–1769	1696	1715–1797	1745
U.S. importers				
1984:				
Apr.–June	***	***	***	***
July–September	***	***	***	***

1/ Grade 304, HRAP, 1/2" x 72" – 96", 240" – 290".

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 10b.—Stainless steel plate 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to end-use customers, by periods indicated, April–September 1984

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1984:				
April	***	***	***	***
May	***	***	***	***
June	***	***	***	***
July	***	***	***	***
August	***	***	***	***
September	***	***	***	***
U.S. importers				
1984:				
Apr.–June	—	—	—	—
July–September	***	***	***	***

1/ Grade 304, HRAP, 1/2" x 72" – 96" x 240" – 290".

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 11a.—Stainless steel plate 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to steel service centers or distributors, by periods indicated, April–September 1984

(Dollars per ton)					
Period	Lowest price		Average price of total quantity shipped		
	Range	Weighted average	Range	Weighted average	
U.S. producers					
1984:					
April	***	***	***	***	
May	***	***	***	***	
June	***	***	***	***	
July	***	***	2822–2934	2898	
August	***	***	2600–2886	2790	
September	2700–2759	2725	***	***	
U.S. importers					
1984:					
Apr.–June	***	***	***	***	
July–September	–	–	–	–	

1/ Grade 316L, HRAP, 1/4" x 72" – 96" x 240" – 290".

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 11b.—Stainless steel plate 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to end-use customers, by periods indicated, April–September 1984

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1984:				
April	***	***	***	***
May	2775–3795	3205	***	***
June	***	***	***	***
July	—	—	—	—
August	***	***	***	***
September	***	***	***	***
U.S. importers				
1984:				
Apr.–June	—	—	—	—
July–September	***	***	***	***

1/ Grade 316L, HRAP, 1/4" x 72" – 96" x 240" – 290".

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 12a.—Stainless steel plate 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to steel service centers or distributors, by periods indicated, April–September 1984

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1984:				
April—	***	***	1674–1960	1814
May—	1406–1926	1706	1674–1992	1918
June—	1657–1910	1724	1674–2071	1961
July—	1691–1888	1726	1691–1975	1921
August—	***	***	1530–1980	1870
September—	1581–1894	1673	1581–1997	1846
U.S. importers				
1984:				
Apr.–June—	***	***	***	***
July–September—	***	***	***	***

1/ Grade 304, HRAP, 1/4" x 72" – 96" x 240" – 290".

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 12b.—Stainless steel plate 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to end-use customers, by periods indicated, April–September 1984

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1984:				
April	***	***	***	***
May	***	***	***	***
June	***	***	***	***
July	***	***	***	***
August	***	***	***	***
September	***	***	***	***
U.S. importers				
1984:				
Apr.–June	***	***	***	***
July–September	***	***	***	***

1/ Grade 304, HRAP, 1/4" x 72" – 96" x 240" – 290".

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 13a.—Stainless steel plate 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to steel service centers or distributors, by periods indicated, April–September 1984

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1984:				
April	2406–2434	2416	2405–2612	2560
May	***	***	2492–2654	2549
June	2441–2615	2576	2600–2700	2631
July	2478–2617	2553	2659–2663	2661
August	2441–2556	2532	2492–2814	2636
September	***	***	2549–2613	2563
U.S. importers				
1984:				
Apr.–June	—	—	—	—
July–September	***	***	***	***

1/ Grade 316, HRAP, 1/2" x 72" – 96" x 240" – 290".

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 13b.—Stainless steel plate: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to end-use customers, April–September 1984

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1984:				
April	—	—	—	—
May	—	—	—	—
June	***	***	***	***
July	—	—	—	—
August	—	—	—	—
September	***	***	***	***
U.S. importers				
1984:				
Apr.–June	***	***	***	***
July–September	—	—	—	—

1/ Grade 316, HRAP, 1/2" x 72" – 96" x 240" – 290".

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 14a.—Stainless steel bars 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to steel service centers or distributors, by periods indicated, April–September 1984

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1984:				
April	2035–2537	2154	2275–2869	2401
May	2040–2340	2145	2225–2623	2357
June	1947–2398	2115	2345–2617	2373
July	2040–2875	2267	2319–2537	2472
August	2000–3008	2255	2406–3073	2503
September	2140–3025	2318	***	***
U.S. importers				
1984:				
Apr.–June	1600–2799	2262	1704–2811	2457
July–September	***	***	1795–2714	2413

1/ Grade 304, cold-formed, 1 1/2" – 4 3/4", round.

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 14b.—Stainless steel bars 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to end-use customers, by periods indicated, April–September 1984

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1984:				
April	2178–3216	2582	2314–3692	3219
May	1100–3600	2490	2434–3743	3114
June	2285–3544	2561	2330–3734	3063
July	***	***	3442–3729	3588
August	2272–4200	2881	***	***
September	2660–4300	3365	3070–4300	3629
U.S. importers				
1984:				
Apr.–June	***	***	***	***
July–September	***	***	***	***

1/ Grade 304, cold-formed, 1 1/2" – 4 3/4", round.

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 15a.—Stainless steel bars 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to steel service centers or distributors, by periods indicated, April–September 1984

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1984:				
April	2000–2799	2431	2556–2917	2800
May	1974–2926	2503	2390–3256	2621
June	2120–3190	2478	2464–3309	2771
July	1954–2732	2498	2626–3887	2865
August	1961–2966	2607	2788–3136	2943
September	2410–3276	2786	2793–3276	2973
U.S. importers				
1984:				
April–June	***	***	2019–3211	2503
July–September	***	***	***	***

1/ Grade 303, cold-formed, 20/32" – 31/32", round.

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 15b.—Stainless steel bars 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to end-use customers, by periods indicated, April–September 1984

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1984:				
April—	2787–4080	3215	***	***
May—	***	***	***	***
June—	***	***	***	***
July—	***	***	***	***
August—	***	***	3252–4578	3436
September—	***	***	***	***
U.S. importers				
1984:				
Apr.–June—	***	***	***	***
July–September—	***	***	***	***

1/ Grade 303, cold-formed, 20/32" – 31/32", round.

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 16a.—Stainless steel bars $\frac{1}{2}$: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to steel service centers or distributors, by periods indicated, April–September 1984

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1984:				
April	***	***	***	***
May	2080–2160	2143	***	***
June	2080–2320	2214	***	***
July	***	***	2134–2807	2372
August	***	***	***	***
September	2140–2332	2258	***	***
U.S. importers				
1984:				
Apr.–June	***	***	1614–2770	1831
July–September	***	***	***	***

$\frac{1}{2}$ Grade 304, hot-rolled, 1 1/2" – 4 3/4", round.

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 16b.—Stainless steel bars 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers 2/ to end-use customers, by periods indicated, April–September 1984

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1984:				
April	900–2778	2007	2464–2839	2621
May	1782–2682	2196	***	***
June	2579–2880	2675	2579–3245	2731
July	***	***	***	***
August	***	***	***	***
September	***	***	***	***

1/ Grade 304, hot-rolled, 1 1/2" – 4 3/4", round.

2/ Importers did not report sales to end-use customers during this period.

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 17a.—Stainless steel bars 1/₂: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to steel service centers or distributors, by periods indicated, April–September 1984

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1984:				
April	1840–2144	1940	1942–2150	2031
May	***	***	***	***
June	***	***	***	***
July	***	***	2062–2420	2222
August	***	***	***	***
September	***	***	***	***
U.S. importers				
1984:				
Apr.–June	***	***	***	***
July–September	***	***	***	***

1/₂ Grade 410, hot-rolled, 1 1/2" – 4 3/4", round.

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 17b.—Stainless steel bars 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers 2/ to end-use customers, by periods indicated, April–September 1984

(Dollars per ton)

Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1984:				
April	2420–2680	2609	***	***
May	***	***	***	***
June	***	***	***	***
July	***	***	***	***
August	***	***	***	***
September	***	***	***	***

1/ Grade 410, hot-rolled, 1 1/2" – 4 3/4", round.

2/ Importers did not report sales to end-use customers during this period.

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 18.—Stainless steel wire rod 1/₂: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to end-use customers, by periods indicated, April–September 1984

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1984:				
April	1532–1615	1591	1759–1881	1810
May	***	***	1821–1947	1877
June	***	***	1826–1893	1860
July	***	***	***	***
August	***	***	***	***
September	***	***	***	***
U.S. importers				
1984:				
Apr.–June	1780–2100	1903	***	***
July–September	***	***	1800–1850	1808

1/₂ Grades 302 or 304, .217" – .250", round.

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 19.—Alloy tool steel bars 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to end-use customers, by periods indicated, April–September 1984

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1984:				
April	2000–2704	2346	2020–3346	3004
May	***	***	***	***
June	2298–4500	2647	***	***
July	***	***	***	***
August	2992–7200	3523	***	***
September	***	***	***	***
U.S. importers				
1984:				
Apr.–June	***	***	2798–4000	3126
July–September	***	***	2290–4250	2984

1/ Grade H-13, annealed, rough-turned, 3 1/8 – 5 1/16", round.

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 20.—Alloy tool steel bars 1/: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to end-use customers, by periods indicated, April–September 1984

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1984:				
April	7000–8585	7094	7245–10,557	7599
May	7000–8436	7146	7164–10,301	7483
June	7000–7220	7145	7331–8265	7582
July	***	***	***	***
August	***	***	***	***
September	***	***	***	***
U.S. importers				
1984:				
Apr.–June	5843–8000	6875	5843–9000	7214
July–September	5327–8000	6461	5384–8750	6614

1/ Grade M-2, annealed, centerless ground or rough turned, 1 13/16" – 3", round.

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 21.—Alloy tool steel bars 1/₂: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to end-use customers, by periods indicated, April–September 1984

(Dollars per ton)

Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1984:				
April	***	***	***	***
May	***	***	***	***
June	***	***	***	***
July	***	***	***	***
August	***	***	***	***
September	***	***	***	***
U.S. importers				
1984:				
Apr.–June	2500–4000	3287	2792–5539	3981
July–September	2129–4000	3166	2129–5539	4015

1/₂ Grade D–2, annealed, rough turned, 4 1/16" – 6", round.

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 22.—Alloy tool steel bars ^{1/}: Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to end-use customers, by periods indicated, April–September 1984

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1984:				
April—	5300–7912	5463	5682–8976	6291
May—	5504–8220	6153	***	***
June—	5300–8500	5433	5700–8855	6408
July—	***	***	5430–6387	5959
August—	***	***	***	***
September—	***	***	***	***
U.S. importers				
1984:				
Apr.–June—	***	***	6345–9000	7561
July–September—	***	***	6296–9000	7987

^{1/} Grade D-2, annealed, cold finish, decarb free, 2" – 2 1/2" thick, 3" – 4" wide, flat.

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 23.—Certain stainless steel and alloy tool steel: U.S. importers' unfilled orders from foreign sources, by types, as of June 30, 1984 and September 30, 1984

(In tons)

Date	Stainless steel				Alloy tool steel, all forms
	Sheet and strip	Plate	Bar	Rod	
1984:					
June 30	***	***	***	***	***
Sept. 30	***	***	***	***	***

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 24.—Certain stainless steel and alloy tool steel: U.S. importers' inventories, by types, as of June 30, 1984 and September 30, 1984

(In tons)

Date	Stainless steel				Alloy tool steel, all forms
	Sheet and strip	Plate	Bar	Rod	
1984:					
June 30	***	***	***	***	***
Sept. 30	***	***	***	***	***

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

UNITED STATES
INTERNATIONAL TRADE COMMISSION
WASHINGTON, D.C. 20436

OFFICIAL BUSINESS

ADDRESS CORRECTION REQUESTED

Postage And Fees Paid
U.S. International Trade Commission

Permit No. G-253



ADDRESS CHANGE

- Remove from List
 - Change as Shown
- Please detach address
label and mail to address