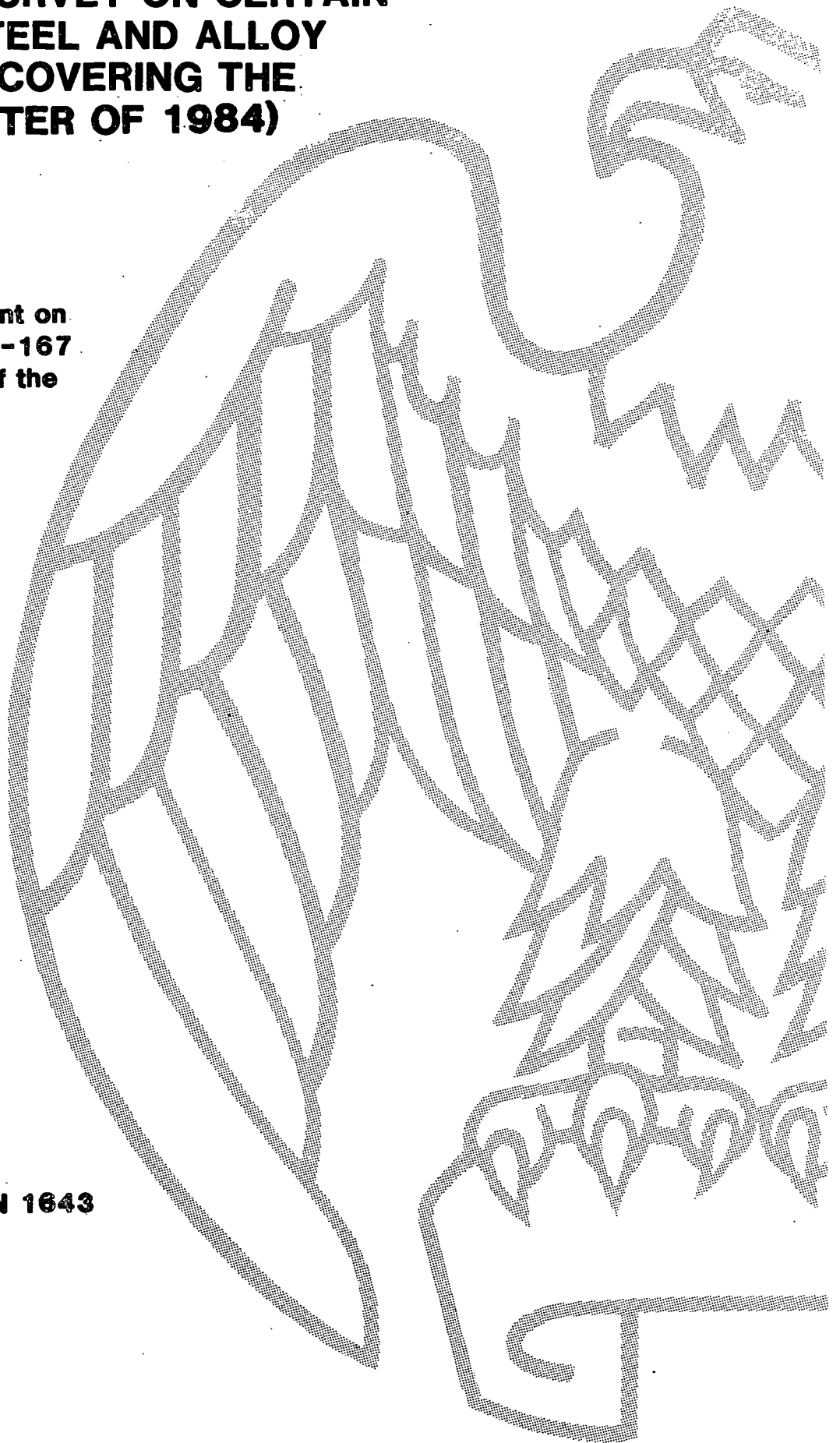


# **QUARTERLY SURVEY ON CERTAIN STAINLESS STEEL AND ALLOY TOOL STEEL (COVERING THE FOURTH QUARTER OF 1984)**

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

**USITC PUBLICATION 1643**

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**Washington, DC 20436**

## QUARTERLY REPORT ON CERTAIN STAINLESS STEEL AND ALLOY TOOL STEEL

### HIGHLIGHTS

During the fourth quarter (October–December) 1984, compared to the third quarter of 1984:

- DOMESTIC PRODUCTION of certain stainless steel and alloy tool steel products increased 23 percent to 284,644 tons.
- U.S. PRODUCERS' SHIPMENTS increased 7 percent to 268,161 tons.
- EMPLOYMENT of production and related workers decreased 2 percent to 13,660 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 13 percent to 40,196 tons.
- U.S. IMPORTERS' INVENTORIES increased 1 percent to 23,549 tons.

### U.S. production and producers' shipments

U.S. production of certain stainless steel sheet and strip, plate, bar, and wire rod increased from July–September 1984 to October–December 1984. Stainless steel sheet and strip showed the greatest increase, rising 35 percent from 130,561 tons in the third quarter of 1984 to 176,174 tons in the fourth quarter of 1984. U.S. producers' shipments of stainless steel sheet and strip, plate, rod, and alloy tool steel increased in the fourth quarter; shipments of stainless steel wire rod showed the largest increase, rising 20 percent from 10,434 tons in the third quarter to 12,490 tons in the fourth quarter.

### Employment and hours worked

The average number of all persons employed in producing certain stainless steel and alloy tool steel decreased from 19,279 persons to 19,056 persons, or by 1 percent, from July-September 1984 to October-December 1984. Employment of production and related workers fell from 13,961 workers to 13,660 workers, or by 2 percent, over the same period. The number of hours worked by production and related workers increased from 6.4 million man-hours to 6.7 million man-hours, or by 6 percent, from July-September 1984 to October-December 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 July and December 1984. Overall, almost an equal number of product price increases and decreases were recorded. Prices for stainless steel bars to service centers/distributors showed noteworthy increases in the fourth quarter; price \* \* \* were also registered in shipments of \* \* \* to end-use customers.

### U.S. importers' prices

Pricing data reported by U.S. importers for stainless steel and alloy tool steel products revealed fluctuating price movements between July and December 1984. Noteworthy price \* \* \* were recorded in shipments of \* \* \* to end-use customers, while price increases were registered in shipments of wire rod to end-use customers.

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, bar, wire rod and alloy tool steel between September 30, 1984 and December 31, 1984.

Importers' unfilled orders for stainless steel plate increased during the same period. Importers' inventories of stainless steel sheet and strip, bar, and wire rod increased between the two quarters, while inventories of plate and alloy tool steel declined.

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

Period	(In tons)				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
Oct.–Dec. ————	176,174	33,747	42,782	11,015	20,926
1984:					
October ————	63,675	12,715	15,245	4,751	7,706
November ————	54,503	10,543	14,597	3,013	5,963
December ————	57,996	10,489	12,940	3,251	7,257

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–December 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
Oct.–Dec. ———	169,922	28,439	37,476	12,490	19,834
1984:					
October ———	60,828	9,628	14,215	4,824	7,090
November ———	56,052	9,134	12,228	3,873	6,127
December ———	53,042	9,677	11,033	3,793	6,617

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–December 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—	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
Oct.–Dec.—	6,472	1,754	5,385	1,244	4,201
1984:					
October—	6,142	1,940	5,427	1,331	4,180
November—	6,411	1,678	5,507	1,095	4,194
December—	6,863	1,643	5,221	1,307	4,230

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–December 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—	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
Oct.—Dec.—	4,983	1,233	3,749	782	2,913
1984:					
October—	4,737	1,375	3,770	857	2,907
November—	4,916	1,175	3,850	676	2,905
December—	5,295	1,148	3,628	813	2,928

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–December 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—	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
Oct.–Dec.—	2,388,108	645,249	1,837,000	394,702	1,463,216
1984:					
October—	762,218	231,692	682,326	159,935	514,702
November—	771,458	210,123	620,510	111,704	471,763
December—	854,432	203,434	534,164	123,063	476,751

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

Table 6a.—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, July–December 1984

(Dollars per ton)					
Period	Lowest price		Average price of total quantity shipped		
	Range	Weighted average	Range	Weighted average	
U.S. producers					
1984:					
July	1670–2492	1823	1724–2588		1799
August	***	***	1701–2570		1745
September	***	***	1607–1706		1665
October	***	***	1567–1703		1646
November	***	***	1575–1657		1633
December	***	***	1520–1641		1580
U.S. importers					
1984:					
July–September	***	***	***		***
Oct.–December	***	***	***		***

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, July–December 1984

(Dollars per ton)					
Period	Lowest price		Average price of total quantity shipped		
	Range	Weighted average	Range	Weighted average	
U.S. producers					
1984:					
July	***	***	***	***	
August	***	***	***	***	
September	1598–1837	1630	***	***	
October	1545–1613	1594	1589–1738	1631	
November	***	***	***	***	
December	***	***	***	***	
U.S. importers					
1984:					
July–September	***	***	***	***	
Oct.–December	***	***	***	***	

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, July–December 1984

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

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, July-December 1984

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1984:				
July	***	***	***	***
August	***	***	***	***
September	***	***	***	***
October	***	***	***	***
November	—	—	—	—
December	***	***	***	***
U.S. importers				
1984:				
July-September	***	***	***	***
Oct.-December	***	***	***	***

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) <sup>1/</sup>: 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, July–December 1984

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1984:				
July	***	***	***	***
August	***	***	***	***
September	***	***	***	***
October	2301–2408	2340	2455–2444	2397
November	2243–2356	2308	2301–2356	2344
December	2229–2524	2257	2229–2524	2266
U.S. importers				
1984:				
July–September	—	—	—	—
Oct.–December	***	***	***	***

<sup>1/</sup> 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 2/ and importers to end-use customers, by periods indicated, July–December 1984

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

1/ Grade 316, 2B finish, 16 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 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, July–December 1984

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1984:				
July	—	—	—	—
August	***	***	***	***
September	—	—	—	—
October	***	***	***	***
November	—	—	—	—
December	—	—	—	—
U.S. importers				
1984:				
July–September	***	***	***	***
Oct.–December	1529–1683	1597	***	***

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, July–December 1984

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

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, July–December 1984

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1984:				
July	1655–1700	1676	1771–1845	1824
August	1620–1778	1646	1638–1827	1717
September	1620–1769	1696	1715–1797	1745
October	1650–1782	1693	1736–1845	1791
November	1620–1782	1738	1727–1827	1785
December	1620–1782	1683	1655–1797	1733
U.S. importers				
1984:				
July–September	***	***	***	***
Oct.–December	***	***	***	***

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, July–December 1984

(Dollars per ton)					
Period	Lowest price			Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average	
U.S. producers					
1984:					
July	***	***	***	***	***
August	***	***	***	***	***
September	***	***	***	***	***
October	***	***	***	***	***
November	***	***	***	***	***
December	***	***	***	***	***
U.S. importers					
1984:					
July–September	***	***	***	***	***
Oct.–December	***	***	***	***	***

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 2/ to steel service centers or distributors, by periods indicated, July–December 1984

(Dollars per ton)					
Period	Lowest price		Average price of total quantity shipped		
	Range	Weighted average	Range	Weighted average	
U.S. producers					
1984:					
July	***	***	2822–2934	2898	
August	***	***	2600–2886	2790	
September	2700–2759	2725	***	***	
October	2675–2806	2713	2675–2934	2842	
November	2642–2733	2680	2675–2886	2768	
December	2710–2720	2717	***	***	

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

2/ Importers did not report sales to service centers or distributors during this period.

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, July–December 1984

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1984:				
July	—	—	—	—
August	***	***	***	***
September	***	***	***	***
October	***	***	***	***
November	***	***	***	***
December	***	***	***	***
U.S. importers				
1984:				
July–September	***	***	***	***
Oct.–December	***	***	***	***

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, July–December 1984

(Dollars per ton)

Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1984:				
July	1691–1888	1726	1691–1975	1921
August	***	***	1530–1980	1870
September	1581–1894	1673	1581–1997	1846
October	1581–1894	1787	1581–1896	1863
November	1620–1894	1751	1800–1980	1870
December	***	***	1633–1997	1950
U.S. importers				
1984:				
July–September	***	***	***	***
Oct.–December	***	***	***	***

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, July-December 1984

(Dollars per ton)					
Period	Lowest price		Average price of total quantity shipped		
	Range	Weighted average	Range	Weighted average	
U.S. producers					
1984:					
July	***	***	***	***	
August	***	***	***	***	
September	***	***	***	***	
October	***	***	***	***	
November	***	***	***	***	
December	***	***	***	***	
U.S. importers					
1984:					
July-September	***	***	***	***	
Oct.-December	***	***	***	***	

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/<sub>2</sub>: 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, July–December 1984

(Dollars per ton)					
Period	Lowest price		Average price of total quantity shipped		
	Range	Weighted average	Range	Weighted average	
U.S. producers					
1984:					
July	2478–2617	2553	2659–2663	2661	
August	2441–2556	2532	2492–2814	2636	
September	***	***	2549–2613	2563	
October	2364–2617	2500	2465–2661	2551	
November	2286–2530	2448	***	***	
December	2366–2590	2468	2427–2613	2520	
U.S. importers					
1984:					
July–September	***	***	***	***	
Oct.–December	–	–	–	–	

1/<sub>2</sub> 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 2/ to end-use customers, July–December 1984

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1984:				
July	—	—	—	—
August	—	—	—	—
September	***	***	***	***
October	***	***	***	***
November	—	—	—	—
December	—	—	—	—

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

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 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, July–December 1984

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1984:				
July	2040–2875	2267	2319–2537	2472
August	2000–3008	2255	2406–3073	2503
September	2140–3025	2318	***	***
October	2000–2342	2160	2392–2651	2502
November	2197–2715	2320	2483–2743	2547
December	2298–2395	2330	2466–2664	2577
U.S. importers				
1984:				
July–September	***	***	1795–2714	2413
Oct.–December	1000–2493	2184	2120–2694	2530

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, July-December 1984

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1984:				
July	***	***	3442-3729	3588
August	2272-4200	2881	***	***
September	2660-4300	3365	3070-4300	3629
October	2178-4120	2418	2250-3789	3263
November	2489-3040	2820	***	***
December	2510-4300	2622	2604-4340	3357
U.S. importers				
1984:				
July-September	***	***	***	***
Oct.-December	***	***	***	***

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, July–December 1984

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U. S. producers				
1984:				
July	1954–2732	2498	2626–3887	2865
August	1961–2966	2607	2788–3136	2943
September	2410–3276	2786	2793–3276	2973
October	2617–2847	2854	2617–3331	3118
November	2847–3503	3145	3145–3503	3254
December	2761–3098	2794	2768–3098	2943
U. S. importers				
1984:				
July–September	***	***	***	***
Oct.–December	***	***	***	***

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, July-December 1984

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1984:				
July	***	***	***	***
August	***	***	3252-4578	3436
September	***	***	***	***
October	3210-3360	3311	3226-4168	3874
November	***	***	3352-4265	3949
December	3182-3720	3382	***	***
U.S. importers				
1984:				
July-September	***	***	***	***
Oct.-December	***	***	***	***

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 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, July–December 1984

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1984:				
July	***	***	2134–2807	2372
August	***	***	***	***
September	2140–2332	2258	***	***
October	***	***	2395–7221	3416
November	2325–7200	3683	2380–7200	3508
December	2240–7199	4207	2314–7199	3622
U.S. importers				
1984:				
July–September	***	***	***	***
Oct.–December	1633–2580	1815	1633–2622	1862

1/ 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 to end-use customers, by periods indicated, July-December 1984

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1984:				
July	***	***	***	***
August	***	***	***	***
September	***	***	***	***
October	***	***	***	***
November	1800-2700	2165	***	***
December	1600-2778	2147	1700-2952	2521
U.S. importers				
1984:				
July-September	-	-	-	-
Oct.-December	***	***	***	***

1/ 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 17a.—Stainless steel bars 1/<sub>1</sub>: 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, July–December 1984

(Dollars per ton)					
Period	Lowest price		Average price of total quantity shipped		
	Range	Weighted average	Range	Weighted average	
U.S. producers					
1984:					
July	***	***	2062–2420	2222	
August	***	***	***	***	
September	***	***	***	***	
October	1940–2256	2028	***	***	
November	1840–2360	2126	2097–2360	2157	
December	***	***	***	***	
U.S. importers					
1984:					
July–September	***	***	***	***	
Oct.–December	***	***	***	***	

1/<sub>1</sub> 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, July–December 1984

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1984:				
July	***	***	***	***
August	***	***	***	***
September	***	***	***	***
October	***	***	***	***
November	2160–2898	2445	***	***
December	***	***	***	***

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/: 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, July-December 1984

(Dollars per ton)					
Period	Lowest price		Average price of total quantity shipped		
	Range	Weighted average	Range	Weighted average	
U.S. producers					
1984:					
July	***	***	***	***	
August	***	***	***	***	
September	***	***	***	***	
October	1673-1800	1744	1868-2046	1916	
November	1748-1900	1809	1871-2051	1918	
December	1809-1900	1835	1880-2052	1948	
U.S. importers					
1984:					
July-September	***	***	1800-1850	1808	
Oct.-December	1560-1960	1847	1688-1987	1904	

1/ 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  $\frac{1}{2}$ : Ranges and weighted averages of lowest net selling prices and average price of total quantity shipped by U.S. producers and importers to end-use customers, by periods indicated, July–December 1984

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1984:				
July	***	***	***	***
August	2992–7200	3523	***	***
September	***	***	***	***
October	2344–4580	2909	***	***
November	2340–3140	2627	***	***
December	***	***	***	***
U.S. importers				
1984:				
July–September	***	***	2290–4250	2984
Oct.–December	2587–4769	3953	2874–4764	3465

$\frac{1}{2}$  Grade H-13, annealed, rough-turned, 3  $\frac{1}{8}$  – 5  $\frac{1}{16}$ ", 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, July–December 1984

(Dollars per ton)					
Period	Lowest price		Average price of total quantity shipped		
	Range	Weighted average	Range	Weighted average	
U.S. producers					
1984:					
July	***	***	***	***	
August	***	***	***	***	
September	***	***	***	***	
October	7000–7220	7110	7158–8862	7386	
November	6500–7220	7056	7400–9320	7492	
December	***	***	6400–8992	7215	
U.S. importers					
1984:					
July–September	5327–8000	6461	5384–8750	6614	
Oct.–December	***	***	***	***	

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/: 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, July-December 1984

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1984:				
July	***	***	***	***
August	***	***	***	***
September	***	***	***	***
October	***	***	2800-4374	3406
November	***	***	2800-4636	3780
December	***	***	2800-5500	3623
U.S. importers				
1984:				
July-September	2129-4000	3166	2129-5539	4015
Oct.-December	***	***	3143-5332	3818

1/ 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, July-December 1984

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1984:				
July	***	***	5430-6387	5959
August	***	***	***	***
September	***	***	***	***
October	5516-7200	6212	***	***
November	5518-6800	6004	***	***
December	5520-6800	5885	5881-6891	6625
U.S. importers				
1984:				
July-September	***	***	6296-9000	7987
Oct.-December	***	***	***	***

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 September 30, 1984 and December 31, 1984

(In tons)

Date	Stainless steel				Alloy tool steel, all forms
	Sheet and strip	Plate	Bar	Rod	
1984:					
Sept. 30—	***	***	***	***	***
Dec. 31—	***	***	***	***	***

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 September 30, 1984 and December 31, 1984

(In tons)

Date	Stainless steel				Alloy tool steel, all forms
	Sheet and strip	Plate	Bar	Rod	
1984:					
Sept. 30—	***	***	***	***	***
Dec. 31—	***	***	***	***	***

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