

**QUARTERLY SURVEY ON CERTAIN  
STAINLESS STEEL AND ALLOY  
TOOL STEEL (COVERING THE  
FOURTH QUARTER OF 1985)**

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

**USITC PUBLICATION 1806**

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# **UNITED STATES INTERNATIONAL TRADE COMMISSION**

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NOTICE

The whole of the Commission's report to the President may not be made public since it contains certain information that has been classified by the United States Trade Representative or would result in the disclosure of the operations of individual concerns. This published report is the same as the report to the President, except that the above-mentioned information has been omitted (as indicated by asterisks).



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

### HIGHLIGHTS

During the fourth quarter (October–December) 1985, compared to the third quarter of 1985:

- DOMESTIC PRODUCTION of certain stainless steel and alloy tool steel products decreased 6 percent to 258,601 tons; declines occurred in stainless steel sheets and strip and plate.
- U.S. PRODUCERS' SHIPMENTS decreased 2 percent to 275,721 tons.
- AVERAGE EMPLOYMENT of production and related workers decreased 6 percent to 11,467 workers.
- U.S. PRODUCERS' AND IMPORTERS' PRICES generally moved in opposite directions, with producers' prices showing more increases and importers' prices exhibiting more declines.
- U.S. IMPORTERS' UNFILLED ORDERS decreased 7 percent to 37,532 tons.
- U.S. IMPORTERS' INVENTORIES increased 9 percent to 22,010 tons.

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

U.S. production of certain stainless steel and alloy tool steel products decreased, overall, from July–September 1985 to October–December 1985. The decline was accounted for by a drop in production of stainless steel sheets and strip and plate during the period. The decrease in production of stainless flat-rolled products follows a downward pattern that began in the second quarter of 1985 and was accelerated by one specialty steel producer's cessation of production of stainless steel sheets and strip in the fourth quarter of 1985. Production of stainless bar, wire rod, and alloy tool steel rose during the fourth quarter of 1985 compared to the third quarter, reversing a downward pattern established in the first quarter of 1985. Stainless rod showed the greatest percentage increase, rebounding to the

level of output reached in the second quarter of the year. U.S. producers' shipments followed the same trends as production, by product categories, resulting in an overall decrease in shipments during the period. Stainless steel plate showed the greatest percentage decrease (13 percent), and stainless steel wire rod exhibited the largest increase (39 percent).

#### Employment and hours worked

The average number of all persons employed in producing certain stainless steel and alloy tool steel decreased from 17,077 persons to 16,170 persons, or by 5 percent, from July-September 1985 to October-December 1985. Employment of production and related workers fell from 12,222 workers to 11,467 workers, or by 6 percent, over the same period. Total employment and production and related worker employment have been decreasing steadily since the second quarter of 1984. The number of hours worked by production and related workers decreased from 6.0 million man-hours in July-September 1985 to 5.8 million man-hours in October-December 1985. Man-hours have followed a generally downward trend since the beginning of 1984.

#### U.S. producers' prices

Surveys of the weighted average prices of certain domestic stainless steel and alloy tool steel products showed numerous price increases between July 1985 and December 1985, for sales to both service centers and end-users. The increasing trend in producers' prices marks a reversal of the downward pattern that occurred earlier in 1985. The most noteworthy price increases were for \* \* \*.

U.S. importers' prices

Pricing data reported by U.S. importers for stainless steel and alloy tool steel products revealed more price decreases than increases between July 1985 and December 1985; price decreases were generally less pronounced than price increases. The movements continue the fluctuating pattern which has characterized importers' prices during 1985. Noteworthy price decreases were recorded in shipments of \* \* \*. Prices for \* \* \* exhibited notable increases during the period.

U.S. importers' unfilled orders and inventories

Data on importers' unfilled orders from foreign sources indicate increases in such orders for \* \* \* between September 30, 1985 and December 31, 1985. Importers' unfilled orders for \* \* \* decreased during the same period, which is a reversal of the trend from the second quarter to the third quarter. Importers' inventories of \* \* \* decreased between the two quarters, while inventories of \* \* \* rose.

Table 1.—Certain stainless steel and alloy tool steel: U.S. production, U.S. producers' shipments, average number of all persons employed, average number of production and related workers employed, and number of man-hours worked by production and related workers, by specified periods, October 1982–December 1985

Period	U.S. production: tons	U.S. producers' shipments	Average number of all persons employed	Average number of production and related workers employed	Man-hours worked by production and related workers
1982:					
Oct.—Dec.——	162,178	163,952	13,904	9,312	4,309,228
1983:					
Jan.—March—	204,170	196,850	15,411	9,725	5,002,444
Apr.—June—	234,292	230,994	14,782	10,069	5,583,320
July—Sept.—	291,662	264,304	18,705	13,503	6,364,524
Oct.—Dec.——	315,624	293,239	19,088	13,652	6,936,212
1984:					
Jan.—March—	340,076	314,040	19,781	14,551	7,722,925
Apr.—June—	321,407	312,983	19,786	18,107	7,129,428
July—Sept.—	231,874	251,268	19,279	13,961	6,371,301
Oct.—Dec.——	284,644	268,161	19,056	13,660	6,728,275
1985:					
Jan.—March—	315,632	309,182	18,336	13,140	6,738,552
Apr.—June—	325,851	315,351	17,836	12,923	6,839,863
July—Sept.—	276,524	281,918	17,077	12,222	6,002,974
Oct.—Dec.——	258,601	275,721	16,170	11,467	5,782,460

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. production, by types and by specified periods, October 1982–December 1985

Period	(In tons)				Alloy tool steel, all forms
	Stainless steel				
	Sheets 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
1985:					
Jan.–March	203,589	35,734	48,399	10,071	17,839
Apr.–June	213,547	42,168	46,674	7,338	16,124
July–Sept.	185,045	34,944	35,551	5,620	15,364
Oct.–Dec.	164,066	31,658	38,353	7,741	16,783
1985:					
October	56,858	11,624	13,889	2,897	4,916
November	54,323	11,373	12,688	2,529	5,707
December	52,885	8,661	11,776	2,315	6,160

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: U.S. producers' shipments, by types, by specified periods, October 1982–December 1985

(In tons)					
Period	Stainless steel				Alloy tool steel, all forms
	Sheets 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
1985:					
Jan.–March	205,907	36,108	39,310	9,623	18,234
Apr.–June	207,267	40,779	42,481	7,232	17,592
July–Sept	190,149	36,739	34,322	5,900	14,808
Oct.–Dec	183,923	32,018	35,681	8,173	15,926
1985:					
October	61,927	10,943	13,180	2,935	5,766
November	58,658	11,002	12,055	2,906	4,990
December	63,338	10,073	10,446	2,332	5,170

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 all persons employed in U.S. establishments in which certain stainless steel and alloy tool steel products are produced, by specified periods, October 1982–December 1985

Period	Stainless steel				Alloy tool steel, all forms
	Sheets 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
1985:					
Jan.–March—	6,555	1,619	5,213	990	3,959
Apr.–June—	6,405	1,900	5,658	754	3,119
July–Sept—	6,320	1,845	5,192	706	3,014
Oct.–Dec.—	5,985	1,607	4,810	866	2,902
1985:					
October—	5,748	1,855	5,108	855	2,780
November—	5,813	1,675	4,891	905	2,960
December—	6,394	1,290	4,431	838	2,966

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: Average number of production and related workers employed in U.S. establishments in which certain stainless steel and alloy tool steel products are produced, by specified periods, October 1982–December 1985

Period	Stainless steel				Alloy tool steel, all forms
	Sheets 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
1985:					
Jan.—March	5,099	1,126	3,548	636	2,731
Apr.—June	5,006	1,418	3,852	463	2,184
July—Sept.	4,836	1,337	3,521	443	2,085
Oct.—Dec.	4,527	1,158	3,280	528	1,974
1985:					
October	4,379	1,348	3,504	527	1,885
November	4,410	1,202	3,360	538	2,031
December	4,793	924	2,975	519	2,005

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



Table 6.—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 1985

Period	Stainless steel				Alloy tool steel, all forms
	Sheets 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
1985:					
Jan.–March	2,534,419	610,130	1,839,220	333,347	1,421,436
Apr.–June	2,664,684	845,420	1,963,597	242,741	1,123,421
July–Sept.	2,476,419	697,449	1,635,601	207,594	985,911
Oct.–Dec.	2,314,630	625,429	1,592,194	262,699	987,508
1985:					
October	745,342	254,448	595,587	98,087	343,534
November	731,694	198,534	521,577	84,579	310,838
December	837,594	172,447	475,030	80,033	333,136

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

Table 7a.—Stainless steel sheets (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 1985

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1985:				
July	***	1525	***	1670
August	***	1524	***	1582
September	***	1524	***	1575
October	***	1536	***	1592
November	***	1541	***	1578
December	***	1527	***	1566
U.S. importers				
1985:				
July–Sept.	***	1606	***	***
Oct.–Dec.	***	***	***	***

<sup>1/</sup> 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 7b.—Stainless steel sheets (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 1985

(Dollars per ton)					
Period	Lowest price		Average price of total quantity shipped		
	Range	Weighted average	Range	Weighted average	
U.S. producers					
1985:					
July	***	1540	***	***	
August	***	***	***	***	
September	***	***	***	***	
October	***	***	***	***	
November	***	***	***	***	
December	***	1582	***	***	
U.S. importers					
1985:					
July–Sept.	***	***	***	***	
Oct.–Dec.	***	***	***	***	

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 8a.—Stainless steel sheets, (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 1985

(Dollars per ton)

Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1985:				
July	***	***	***	***
August	***	***	***	***
September	***	***	***	***
October	***	***	***	***
November	***	***	***	***
December	***	***	***	***
U.S. importers				
1985:				
July–Sept.	***	***	***	***
Oct.–Dec.	—	—	—	—

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 8b.—Stainless steel sheets (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 1985

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. importers				
1985:				
July–Sept. ————	—	—	—	—
Oct.–Dec. ————	***	***	***	***

1/ Grade 430, BA finish, 24 gage x 12" – 24" 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 sheets (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 1985.

(Dollars per ton)

Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1985:				
July	***	***	***	***
August	***	***	***	***
September	***	***	***	***
October	***	1937	***	2045
November	***	***	***	***
December	***	***	***	***
U.S. importers				
1985:				
July–Sept.	***	***	***	***
Oct.–Dec.	***	***	***	***

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 9b.—Stainless steel sheets (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 end-use customers, by periods indicated, July–December 1985

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1985:				
July	—	—	—	—
August	—	—	—	—
September	***	***	***	***
October	***	***	***	***
November	***	***	***	***
December	***	***	***	***
U.S. importers				
1985:				
July–Sept.	***	***	***	***
Oct.–Dec.	***	***	***	***

<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 10a.—Stainless steel sheets (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 1985

(Dollars per ton)

Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1985:				
July	***	***	***	***
August	—	—	—	—
September	***	***	***	***
October	—	—	—	—
November	***	***	***	***
December	***	***	***	***
U.S. importers				
1985:				
July–Sept.	***	1399	***	1452
Oct.–Dec.	***	1332	***	1367

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 10b.—Stainless steel sheets (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 1985

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. importers				
1985:				
July–Sept. ————	***	***	***	***
Oct.–Dec. ————	***	***	***	***

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 11a.—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 1985

(Dollars per ton)					
Period	Lowest price		Average price of total quantity shipped		
	Range	Weighted average	Range	Weighted average	
U.S. producers					
1985:					
July	***	***	***	***	***
August	***	***	***	***	***
September	***	***	***	***	***
October	***	***	***	***	***
November	***	***	***	***	***
December	***	***	***	***	***
U.S. importers					
1985:					
July–Sept.	***	***	***	***	***
Oct.–Dec.	***	***	***	***	***

1/<sub>2</sub> 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 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 1985

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1985:				
July	—	—	—	—
August	***	***	***	***
September	***	***	***	***
October	***	***	***	***
November	***	***	***	***
December	***	***	***	***
U.S. importers				
1985:				
July–Sept.	***	***	***	***
Oct.–Dec.	***	***	***	***

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 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 2/ to steel service centers or distributors, by periods indicated, July–December 1985

(Dollars per ton)

Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1985:				
July	***	***	***	***
August	***	***	***	***
September	***	***	***	***
October	***	***	***	***
November	***	***	***	***
December	***	***	***	***

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 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 1985

(Dollars per ton)					
Period	Lowest price		Average price of total quantity shipped		
	Range	Weighted average	Range	Weighted average	
U.S. producers					
1985:					
July	***	***	***	***	
August	***	***	***	***	
September	***	***	***	***	
October	***	***	***	***	
November	***	***	***	***	
December	***	***	***	***	
U.S. importers					
1985:					
July–Sept.	***	***	***	***	
Oct.–Dec.	***	2675	***	2745	

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 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, July–December 1985

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1985:				
July	***	***	***	***
August	***	***	***	***
September	***	***	***	***
October	***	***	***	***
November	***	***	***	***
December	***	***	***	***
U.S. importers				
1985:				
July–Sept.	***	***	***	***
Oct.–Dec.	***	***	***	***

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 13b.—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 1985

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1985:				
July	***	***	***	***
August	***	***	***	***
September	***	***	***	***
October	***	***	***	***
November	***	***	***	***
December	***	***	***	***
U.S. importers				
1985:				
July-Sept.	***	***	***	***
Oct.-Dec.	***	***	***	***

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 14a.—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 1985

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1985:				
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 service centers or distributors during this period.

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



Table 14b.—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, July–December 1985

(Dollars per ton)					
Period	Lowest price		Average price of total quantity shipped		
	Range	Weighted average	Range	Weighted average	
U.S. producers					
1985:					
July	***	***	***	***	
August	***	***	***	***	
September	***	***	***	***	
October	***	***	***	***	
November	—	—	—	—	
December	—	—	—	—	
U.S. importers					
1985:					
July–Sept.	***	***	***	***	
Oct.–Dec.	***	***	***	***	

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 15a.—Stainless steel bars  $1\frac{1}{2}$ : 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, July–December 1985

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1985:				
July	***	2171	***	2436
August	***	2239	***	2463
September	***	2222	***	2381
October	***	2320	***	2474
November	***	2283	***	2477
December	***	2281	***	2548
U.S. importers				
1985:				
July–Sept.	***	2132	***	2150
Oct.–Dec.	***	***	***	***

$1\frac{1}{2}$  Grade 304, cold-formed,  $1\frac{1}{2}$ " –  $4\frac{3}{4}$ ", 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 1985

(Dollars per ton)					
Period	Lowest price		Average price of total quantity shipped		
	Range	Weighted average	Range	Weighted average	
U.S. producers					
1985:					
July	***	2770	***		3048
August	***	2669	***		3070
September	***	2786	***		2905
October	***	***	***		3426
November	***	***	***		2380
December	***	2919	***		2746
U.S. importers					
1985:					
July-Sept.	***	***	***		***
Oct.-Dec.	***	***	***		***

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 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 1985

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1985:				
July	***	2802	***	2943
August	***	2740	***	2981
September	***	2833	***	3016
October	***	2548	***	2798
November	***	2830	***	2999
December	***	2829	***	3522
U.S. importers				
1985:				
July–Sept.	***	***	***	***
Oct.–Dec.	***	***	***	***

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 16b.—Stainless steel bars <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 end-use customers, by periods indicated, July–December 1985

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1985:				
July	***	3246	***	***
August	***	***	***	***
September	***	3196	***	3702
October	***	3184	***	***
November	***	3290	***	3719
December	***	***	***	***
U.S. importers				
1985:				
July–Sept.	***	***	***	***
Oct.–Dec.	***	***	***	***

<sup>1/</sup> 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 17a.—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 1985

(Dollars per ton)					
Period	Lowest price		Average price of total quantity shipped		
	Range	Weighted average	Range	Weighted average	
U.S. producers					
1985:					
July	***	***	***	2423	
August	***	***	***	***	
September	***	***	***	***	
October	***	2146	***	2218	
November	***	2196	***	2440	
December	***	***	***	***	
U.S. importers					
1985:					
July–Sept.	***	***	***	***	
Oct.–Dec.	***	2068	***	2147	

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 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 to end-use customers, by periods indicated, July–December 1985

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1985:				
July	***	1944	***	2230
August	***	***	***	***
September	***	1620	***	1922
October	***	2506	***	2899
November	***	2447	***	2699
December	***	2546	***	2748
U.S. importers				
1985:				
July–Sept.	***	2183	***	2165
Oct.–Dec.	***	***	***	***

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 18a.—Stainless steel bars 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 1985

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1985:				
July	***	2127	***	2253
August	***	***	***	***
September	***	1985	***	2268
October	***	2165	***	2273
November	***	***	***	***
December	***	2110	***	2193
U.S. importers				
1985:				
July–Sept.	***	***	***	***
Oct.–Dec.	***	***	***	***

1/<sub>2</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 18b.—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 end-use customers, by periods indicated, July–December 1985

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
985:				
July	***	***	***	2604
August	***	1982	***	***
September	***	***	***	2929
October	***	2349	***	2769
November	***	***	***	2853
December	***	***	***	***
U.S. importers				
985:				
July–Sept.	***	***	***	***
Oct.–Dec.	***	***	***	***

$\frac{1}{2}$  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 19.—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 1985

(Dollars per ton)				
Period	Lowest price		Average price of total quantity shipped	
	Range	Weighted average	Range	Weighted average
U.S. producers				
1985:				
July	***	1745	***	1850
August	***	***	***	***
September	***	***	***	1789
October	***	***	***	1792
November	***	1651	***	1758
December	***	***	***	1775
U.S. importers				
1985:				
July-Sept.	***	1770	***	1832
Oct.-Dec.	***	1730	***	1727

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 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 1985

(Dollars per ton)					
Period	Lowest price		Average price of total quantity shipped		
	Range	Weighted average	Range	Weighted average	
U.S. producers					
1985:					
July	***	2512	***		***
August	***	***	***		***
September	***	***	***		***
October	***	2835	***		***
November	***	3288	***		***
December	***	***	***		2709
U.S. importers					
1985:					
July-Sept.	***	2382	***		***
Oct.-Dec.	***	2584	***		***

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 21.—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 1985

(Dollars per ton)					
Period	Lowest price		Average price of total quantity shipped		
	Range	Weighted average	Range	Weighted average	
U.S. producers					
1985:					
July	***	7078	***	7439	
August	***	7126	***	7333	
September	***	7126	***	7231	
October	***	7060	***	7465	
November	***	6963	***	7229	
December	***	***	***	7280	
U.S. importers					
1985:					
July–Sept.	***	***	***	6097	
Oct.–Dec.	***	***	***	6642	

$\frac{1}{2}$  Grade M-2, annealed, centerless ground or rough turned, 1  $\frac{13}{16}$ " – 3", 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 1985

(Dollars per ton)					
Period	Lowest price		Average price of total quantity shipped		
	Range	Weighted average	Range	Weighted average	
U.S. producers					
1985:					
July	***	***	***	***	***
August	***	***	***	***	***
September	***	***	***	***	***
October	***	***	***	***	4160
November	***	***	***	***	***
December	***	***	***	***	***
U.S. importers					
1985:					
July–Sept.	***	***	***	***	***
Oct.–Dec.	***	***	***	***	4212

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 23.—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 1985

(Dollars per ton)					
Period	Lowest price		Average price of total quantity shipped		
	Range	Weighted average	Range	Weighted average	
U.S. producers					
1985:					
July	***	***	***	***	
August	***	***	***	***	
September	***	***	***	***	
October	***	5421	***	6178	
November	***	5577	***	6097	
December	***	5661	***	6057	
U.S. importers					
1985:					
July-Sept.	***	***	***	4952	
Oct.-Dec.	***	***	***	4425	

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 24.—Certain stainless steel and alloy tool steel: U.S. importers' unfilled orders from foreign sources, by types, as of September 30, 1985 and December 31, 1985

(In tons)

Date	Stainless steel				Alloy tool steel, all forms	All products subject to relief
	Sheets and strip	Plate	Bar	Rod		
1985:						
Sept. 30	***	***	***	***	***	40,374
Dec. 31	***	***	***	***	***	37,532

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

Table 25.—Certain stainless steel and alloy tool steel: U.S. importers' inventories, by types, as of September 30, 1985 and December 31, 1985

(In tons)

Date	Stainless steel				Alloy tool steel, all forms	All products subject to relief
	Sheets and strip	Plate	Bar	Rod		
1985:						
Sept. 30	***	***	***	***	***	20,109
Dec. 31	***	***	***	***	***	22,010

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







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