STAINLESS STEEL AND ALLOY TOOL STEEL: U.S. PRODUCTION, SHIPMENTS, EMPLOYMENT, MAN-HOURS, AND PRICES THIRD CALENDAR QUARTER 1978

Report to the President on Investigation No. 332-94 Under Section 332 of the Tariff Act of 1930

PUBLICATION NO. 927 NOVEMBER 1978

United States International Trade Commission / Washington, D.C. 20436

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FOR IMMEDIATE RELEASE NOVEMBER 14, 1978

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USITC REPORTS RESULTS OF SURVEY OF THE SPECIALTY STEEL INDUSTRY

The United States International Trade Commission has completed its tenth quarterly survey of U.S. producers in connection with the quantitative limitations imposed on imports of specialty steel. The survey, required by Presidential Proclamation No. 4445, covers the third quarter of 1978.

Major findings of the survey indicate that total stainless and alloy tool steel shipments increased from 256,269 tons in the third quarter of 1977 to 291,685 tons in the third quarter of 1978, or by about 14 percent.

The average number of production and related workers employed in the specialty steel industry increased from 18,138 in the third quarter of 1977 to 19,516 in the third quarter of 1978, or by about 8 percent. Increases in employment occurred in all stainless steel and alloy tool steel categories.

Man-hours worked in the specialty steel industry increased from 8.4 million man-hours in July-September 1977 to 9.2 million man-hours in the corresponding period of 1978, or by about 10 percent. Man-hours worked increased in all product categories except stainless steel bar.

Average quarterly prices increased for 9 of 16 products surveyed, decreased for 5 products, and were unchanged for 2 products compared to the last quarterly period. The average price increase was 3.1 percent and the average price decrease was 2.8 percent.

Copies of the report (USITC Publication) can be obtained by calling (202) 523-5178 or from the Office of the Secretary, 701 E St. NW., Washington, D.C. 20436.

Table 1.--Stainless steel and alloy tool steel: U.S. production, by types, 1974-77 and specified periods, January 1977-September 1978

(In tons) : : Tool Stainless steel : steel, Period :Sheet and **a**11 Plate Bar Rod Total strip forms --: 820,025 : 144,344 : 176,245 : 63,281 :1,203,895 :124,537 : 111,760 : 100,073 : 1975----: 417,308 28,306: 657,447 : 65,489 1976----- 743,036 95,921 : 119,529 : 994,638 : 68,668 36,152: 1977 1/----: 754,170 106,121 : 142,488 : 31,536 : 1,034,315 : 67,4811977: 24,657: 34,786: 7,612: 263,332 : 16,966 January-March---: 196,277 April-June----: 225,545 29,804: 40,454: 9,014: 304,817 : 20,237 23,746: 33,014: 8,271: 238,580 : 13,876 July-September---: 173,549 October-December--: 169,976 27,952: 34,426: 6,654: 239,008 : 16,236 1978: January-March---: 192,870 32,467: 37,760: 6,511: 269,608 : 18,045 April-June----: 235,311 31,877: 43,459 : 8,619: 319,266 : 18,588 31,891 : July-September---: 216,016 29,078: 11,704 : 288,689 : 18,017 1978: 9,684: 11,248: 1,828: 79,411: 5,444 January-----56,651 11,304: 1,973: 85,697: 5,694 February----62,595 9,825: 73,624 12,958: 15,208: 2,710: 104,500 : 6,907 March-----80,949 2,717: 107,870: 6,022 April-----10,557: 13,647 : 71,188 10,380 : 14,618: 2,924: 99,110: 6.049 83,714 10,940: 15,194: 2,978: 112,286: 6,517 7,942: July----: 73,146 9,852: 3,799: 94,739: 5,553 67,404 12,136: 9,584: 3,538: 92,662 : 5,852 101,288: 9,000: 12,455: 4,367: 6,612 September----75,466

^{1/} The total for 1977 does not equal the quarterly totals for 1977 because of adjustments and corrections made by some companies in their questionnaires to the Commission.

Table 2.—Stainless steel and alloy tool steel: U.S. producers' shipments, by types, 1974-77 and specified periods, January 1977-September 1978

| | | | (In to | n | g) | | | | | | |
|------------------|-----------------|---|---------|-----|-----------|-----|--------|------|---------|---|---|
| Period | : : | | St | :a: | inless st | :ee | 1 | | | : | Tool steel, |
| | Sheet and strip | : | Plate | : | Bar | : | Rod | : 1 | otal | : | all forms |
| | : | : | | : | | : | | : | | : | |
| 1974 | : 825,298 | : | 140,167 | : | 168,460 | : | 25,816 | :1,1 | 159,741 | : | 104,555 |
| 1975 | : 440,696 | : | 109,696 | : | 111,781 | : | 10,453 | : 6 | 72,626 | : | 71,272 |
| 1976 | : 692,399 | : | 93,668 | : | 120,893 | : | 17,397 | | 24,357 | | • |
| 1977 1/ | : 728,487 | : | 98,587 | : | 139,006 | : | 22,989 | | 89,069 | | · · · |
| 1977: | • | : | | : | · | : | • | | • | : | • |
| January-March | : 188,364 | : | 22,303 | : | 36,706 | : | 6,131 | : : | 253,504 | : | 16,683 |
| April-June | | : | 26,847 | : | 38,096 | : | 6,745 | | 277,557 | | |
| July-September | | : | 25,556 | : | 30,810 | : | 5,214 | : : | 241,065 | | 15,204 |
| October-December | • | : | 23,795 | : | 33,748 | | 4,914 | | 228,752 | | • |
| 1978: | : | : | , | : | , | : | .,. | : | ,,,,,, | : | _ , , |
| January-March | : 197.180 | : | 33,081 | : | 36,288 | : | 5,329 | : : | 271,878 | : | 16,513 |
| April-June | | : | 29,435 | : | 41,809 | | 7,004 | | 302,041 | : | 19,425 |
| July-September | • | : | 30,513 | : | 34,734 | | 6,091 | | 272,697 | : | |
| 1978: | : | : | • | : | , | : | • | : | • | : | • |
| January | : 60,691 | : | 9,494 | : | 11,288 | : | 1,428 | : | 82,901 | : | 5,225 |
| February | | : | 10,312 | : | 11,734 | | 1,700 | | 90,429 | | 5,768 |
| March | | : | 13,275 | : | 13,266 | | 2,201 | | 98,548 | | 5,520 |
| April | • | : | 8,971 | : | 13,676 | | 2,164 | | 93,421 | : | 6,219 |
| May | | : | 10,472 | : | 13,786 | | 2,278 | | 101,963 | : | 6,404 |
| June | • | : | 9,992 | : | 14,347 | | 2,562 | | 106,657 | | 6,802 |
| July | • | : | 9,475 | : | 10,181 | | 2,138 | | 84,037 | | 4,980 |
| August | , | : | 11,256 | | 10,635 | | 1,688 | | 93,142 | | • |
| September | • | • | 9,782 | | 13,918 | | 2,265 | | 95,518 | | 7,831 |
| F | : | • | ,,.02 | : | ,-10 | : | -,-05 | : | , | : | · • • • • • • • • • • • • • • • • • • • |

1/ The total for 1977 does not equal the quarterly totals for 1977 because of adjustments and corrections made by some companies in their questionnaires to the Commission.

Table 3.--Average number of all persons employed in U.S. establishments in which stainless steel and alloy tool steel were produced, 1974-77 and specified periods, January 1977-September 1978

| Period : | : | | St | tain | less st | tee1 | [| | | : Tool : steel |
|-------------------|-----------------|-----|---------|------|---------|------|-----|-----|--------|----------------|
| | Sheet and strip | : | Plate | : | Bar | : | Rod | : T | otal | : all : forms |
| • | | : | | : | | : | | : | | : |
| 1974: | 15,271 | : | 3,130 | : | 6,666 | : | 734 | : | 25,801 | : 6,210 |
| 1975: | 9,288 | : | 2,236 | : | 5,050 | : | 386 | : | 16,960 | : 4,741 |
| 1976: | | : | 2,307 | : | 5,249 | : | 618 | : | 20,077 | • |
| 1977 1/: | 11.566 | : | 2,253 | : | 5,703 | | 656 | : | 20,178 | • |
| 1977: | | : | • | : | , | : | | : | • | : |
| January-March: | 12,592 | : | 2,117 | : | 5,936 | : | 656 | : | 21,301 | : 4,528 |
| April-June: | 12,350 | :2, | / 2,333 | : | 6,130 | : | 772 | :2/ | 21,585 | : 4,649 |
| July-September: | 11,512 | :- | 2,316 | : | 5,648 | : | 632 | :- | 20,108 | |
| October-December: | 2/ 10,742 | : | 2,140 | :2/ | 5,799 | | 538 | | 19,218 | |
| 1978: | | : | • | :- | • | : | | :- | , | : |
| January-March: | 11,934 | : | 2,628 | : | 5,832 | : | 535 | : | 20,929 | : 3,886 |
| April-June: | | | 2,389 | | 6,137 | | 643 | | | : 4,102 |
| July-September: | | | 2,575 | | 5,742 | | 723 | | • | : 4,622 |
| 1978: | : | : | , | : | , | : | | : | • | : |
| January: | 11,642 | : | 2,427 | : | 5,984 | : | 441 | : | 20,494 | : 3,837 |
| February: | , | | 2,525 | | 5,627 | | 537 | | 20.165 | • |
| March: | , | : | 2,931 | | 5,884 | | 627 | | 22,127 | : 3,954 |
| April: | | : | 2,300 | | 6,144 | | 616 | | 20,003 | |
| May: | | : | 2,428 | | 6,176 | | 621 | | 20,329 | : 4,023 |
| June: | | : | 2,438 | | 6,092 | | 692 | | 20,997 | : 4,068 |
| July: | 11,970 | - | 2,468 | | 5,527 | | 777 | | 20,742 | : 4,574 |
| August: | 12,110 | | 2,676 | | 5,779 | | 655 | | 21,220 | : 4,687 |
| September: | 12,313 | | 2,581 | | 5,920 | | 736 | | 21,550 | : 4,605 |
| • | ,515 | • | -,,,,,, | • | -,, | • | | • | , | • |

^{1/} The total for 1977 does not equal the quarterly totals for 1977 because of adjustments and corrections made by some companies in their questionnaires to the Commission.

^{2/} Revised.

Table 4.—Average number of production and related workers employed in U.S. establishments in which stainless steel and alloy tool steel were produced, 1974-77 and specified periods, January 1977-September 1978

| Period | | | St | ain | less st | tee | 1 | | ······································ | : : 8 | Tool |
|------------------|-----------------|-----|---------|-----|---------|-----|-----|-----|--|-----------------|-------------|
| : | Sheet and strip | : | Plate | : | Bar | : | Rod | : | Total | : : <u>f</u> | all orms |
| | : | : | | : | | : | | : | | : | |
| 1974 | 12,439 | : | 2,397 | : | 4,136 | : | 501 | : | 19,473 | : | 4,351 |
| 1975 | 7,331 | : | 1,807 | : | 3,255 | : | 288 | : | 12,681 | : | 3,421 |
| 1976 | 9,360 | : | 1,715 | : | 3,613 | : | 439 | : | 15,127 | : | 3,497 |
| 1977 1/ | 9,302 | : | 1,656 | : | 4,001 | : | 455 | : | 15,414 | | 3,059 |
| 1977: | } | : | • | : | · | : | | : | • . | : | • |
| January-March | 9,960 | : | 1,561 | : | 4,169 | : | 481 | : | 16,171 | : | 3,415 |
| April-June | 2/ 9,939 | :2, | / 1,761 | :2/ | 4,401 | : | 544 | :2/ | 16,645 | :2/ | 3,493 |
| July-September | | :- | 1,714 | :- | 3,967 | : | 426 | : | 15,273 | : | 2,865 |
| October-December | 8,145 | : | 1,577 | :2/ | 4,165 | : | 359 | :2/ | 14,246 | : | 2,466 |
| 1978: | • | : | | : | | : | | : | | : | • |
| January-March | 9,468 | : | 2,008 | : | 4,086 | : | 368 | : | 15,930 | : | 2,797 |
| April-June | 9,132 | : | 1,725 | : | 4,328 | : | 470 | : | 15,655 | : | 2,930 |
| July-September | 9,781 | : | 1,872 | : | 3,999 | : | 501 | : | 16,153 | : | 3,363 |
| 1978: | | : | | : | | : | | : | | : | |
| January | 9,260 | : | 1,869 | : | 4,130 | : | 315 | : | 15,574 | : | 2,761 |
| February | 9,128 | : | 1,945 | : | 3,907 | : | 357 | : | 15,337 | : | 2,780 |
| March | : 10,017 | : | 2,210 | : | 4,220 | : | 433 | : | 16,880 | : | 2,851 |
| April: | 8,911 | : | 1,667 | : | 4,313 | : | 447 | : | 15,338 | : | 2,871 |
| May | 8,963 | : | 1,751 | : | 4,377 | : | 455 | : | 15,546 | : | 2,937 |
| June | | : | 1,757 | : | 4,293 | : | 507 | : | 16,080 | : | 2,981 |
| July | | : | 1,792 | : | 3,833 | : | 530 | : | 15,885 | : | 3,330 |
| August | 9,798 | : | 1,965 | : | 3,996 | : | 459 | : | 16,218 | : | 3,417 |
| September | 9,816 | : | 1,859 | : | 4,169 | : | 513 | : | 16,357 | : | 3,342 |
| : | : | : | | : | | : | | : | | :_ | |

^{1/} The total for 1977 does not equal the quarterly totals for 1977 because of adjustments and corrections made by some companies in their questionnaires to the Commission.

^{2/} Revised.

Table 5.--Man-hours worked by production and related workers in U.S. establishments in which stainless steel and alloy tool steel were produced, 1974-77 and specified periods, January 1977-September 1978

(In thousands) : Tool Stainless steel Period steel. :Sheet and : **a**11 Plate Bar Rod Total strip forms : : : : 9,748 9.942 21.858 : 4,977 : 1,068 : 37,651: 1975-----12,974 6,604 5,624 3,266 428 23,272 : 16,767 3,033 7,014 682 27,496: 6,025 29,878: 5,628 17,816 3,044 8,201 917 1977: January-March----: 1,417 4,769 1,987 229 7,717 : 732 April-June----:2/ 4,829 801 2,245 : 2/ 278 :2/ 8.153 :2/ 1,665 : July-September---: 4,252 1,905 212 7,141: 1,221 772 1,344 October-December --: 202 6,971: 4,024 740 2,005 1978: 2,110 174 7.920: 1.355 January-March----: 4,687 949 1,479 4,979 229 8,368: April-June---: 869 : 2,291 : : 1,465 July-September---: 4,749 907 1,854 : 241 : 7,751: : 1978: 442 2,533: 710 51 January----: 1,486 : 286 : : 2,494: 427 57 February----: 1,485 300 : 652 : : 486 2,893: March----: 1,716 363 748 66 481 April-----1.597 728 70 2,666: 271 477 2.748: May----: 1.624 299 751 74 : 521 85 2,954: June----: 1,758 299 812

262

342

303

:

:

555

622

677

:

85

71

85

442

527

496

2,386:

2,649:

2,716:

1,484

1,614

1,651

:

August----:

September---:

¹/ The total for 1977 does not equal the quarterly totals for 1977 because of adjustments and corrections made by some companies in their questionnaires to the Commission.

^{2/} Revised.

Table 6.--Stainless steel sheet (cold rolled): Ranges and wieghted averages of lowest net selling prices and price at which the largest volume was shipped, and weighted average price of total quantity shipped by U.S. producers of selected types of sheet to steel service centers or distributors, by months, January 1978-September 1978

| | | (In cents | per | pound) | | | |
|-----------------|-------------|---------------------|--------------|------------|----|-----------------------|---------------------------|
| Year and month | | price | : .: : | | | ch largest shipped | Weighted average price of |
| iear and morren | Range | Weighted average | : | Range | : | | total quantity shipped |
| : | | Grade 43 | 30, | 2B finish, | 20 | gauge x coil | |
| : | | | : | | : | | |
| 1978: | : | | : | | : | • | |
| January: | | | : | 102-103 | : | 102 | 102 |
| February: | | | : | 102-103 | : | 102 | 102 |
| March: | 102-103 | 103 | : | 102-103 | : | 103 | 102 |
| April: | - : | - | : | - | : | - ; | - |
| May: | - : | : - | : | - | : | - ; | ; - |
| June: | - : | - | : | - | : | - : | - |
| July: | - : | ; - | : | - | : | - ; | |
| August: | - : | ; - | : | - | : | - : | : - |
| September: | - : | : - | : | _ | : | - : | - |
| October: | : | : | : | | : | ; | : |
| November: | ; | : | : | | : | : | : |
| December: | | · | : | | : | : | <u> </u> |
| : | Gra | iđe 304, 21 | 3 fi | nish, 8-14 | ga | иде х 36" х со | oil |
| : | | <u> </u> | : | | : | | |
| 1978: | : | 1 | : | | : | : | } |
| January: | 71-78 | 74 | : | 71-78 | : | 74 : | 74 |
| February: | 69-78 | 73 | • | 70-78 | : | 73 : | 73 |
| March: | 69-78 | 73 | : | 70-78 | : | 73 | 73 |
| April: | 70-74 | 71 | • | 70-74 | : | 72 : | 72 |
| May: | 68-74 | 69 | : | 68-74 | : | 71 : | 71 |
| June: | 68-78 | 74 | : | 74-78 | : | 76 : | 75 |
| July: | 68-74 | 70 | : | 74-80 | : | 76 | 75 |
| August: | 74 : | 74 | : | 74-80 | : | 76 : | 75 |
| September: | 74 : | 74 | : | 74-80 | : | 76 : | 75 |
| October: | : | 1 | : | | : | : | : |
| November: | | } | : | | : | ; | • |
| December: | : | | : | | : | : | • |
| : | | <u> </u> | : | | :_ | · : | <u> </u> |

Table 7.--Stainless steel plate (hot rolled): Ranges and weighted averages of lowest net selling prices and price at which the largest volume was shipped, and weighted average price of total quantity shipped by U.S. producers of selected types of plate to steel service centers or distributors, by months, January 1978-September 1978

| | | | (In cents p | ei | pound) | | | | · | | | |
|----------------|----------|--|---------------------|------------|--------|---|-----------------------|---|---------------------------------|--|--|--|
| | : | Grade 304, HRAP, $1/4" \times 72" \times 240"$ | | | | | | | | | | |
| Year and month | : Lowe | | t price | : : | | | ch largest shipped | : | Weighted average price of | | | |
| | : Range | : | Weighted average | : | Range | : | Weighted average | : | total quantity shipped | | | |
| 1978: | : | : | : | | | : | | : | | | | |
| January | : 82-89 | • | 8 5 | • | 84-89 | : | 85 | : | 85 | | | |
| February | : 82-89 | | 85 | : | 84-89 | : | 85 | : | 85 | | | |
| March | | | 86 : | : | 84-89 | : | 86 | : | 86 | | | |
| April | : 84-89 | : | 86 : | : | 84-89 | : | 87 | : | 87 | | | |
| May | : 84-89 | : | 86 : | : | 84-89 | : | 87 | : | 87 | | | |
| June | : 84-89 | : | 86 : | : | 84-89 | : | 87 | : | 87 | | | |
| July | : 83-90 | : | 84 : | : | 83-89 | : | 84 | : | 84 | | | |
| August | : 83-90 | : | 84 : | : | 83-89 | : | 84 | : | 84 | | | |
| September | : 83-90 | : | 84 : | ; | 83-89 | : | 84 | : | 84 | | | |
| October | : | : | : | : | _ | : | | : | | | | |
| November | : | : | : | 3 | • | : | 4 | : | | | | |
| December | : | : | : | ; | | : | | : | | | | |
| | : | : | | : | | : | | : | | | | |

Table 8. Stainless steel bars: Ranges and weighted average of lowest net selling prices and price at which the largest volume was shipped, and weighted average price of total quantity shipped by U.S. producers of selected types of bars to steel service centers or distributors, by months, January 1978-September 1978

| | | (In cents | <u>per</u> | pound) | | | | |
|----------------|-----------|---------------------|------------|------------|-------|----------------------|------|---------------------------|
| Year and month | | price | • | | | h largest shipped | : av | ighted erage ice of |
| i i | Range : | Weighted average | 1 | Range | : | Weighted average | : qu | otal antity ipped |
| • | | Grade | 303 | , cold fir | nish, | 1/2" round | | |
| 1070 | • | | | | : | | : | |
| 1978: | : | | 8 | | : | | : | |
| January: | | 115 | : | 109-140 | : | 120 | : | 117 |
| February: | | 114 | • | 109-140 | : | 119 | : | 117 |
| March: | | 111 | \$ | 109-140 | : | 116 | : | 117 |
| April: | | 116 | | 111-130 | • | 114 | : | 114 |
| May: | | 120 | : | 116-130 | : | 119 | : | 120 |
| June: | | 118 | 9 | 112-130 | : | 119 | : | 119 |
| July: | | 123 | 8 | 118-130 | : | 123 | : | 124 |
| August: | | 123 | : | 118-130 | : | 123 | : | 123 |
| September: | 111-130 : | 123 | , 8 | 118-130 | : | 123 | : | 125 |
| October: | : | | 8 | | • | | • | |
| November: | • | | • | | : | | : | |
| December: | : | | : | | -: | | : | |
| • | | Grade | 304, | cold fin | ished | l, 1-1/2" rou | ınd | |
| • | : | | 0 | | : | | : | |
| 1978: | : | | : | | • | | : | |
| January: | 94-100 : | 96 | | 94-103 | : | 100 | : | 99 |
| February: | 98-104: | 100 | 8 | 98-107 | : | 103 | : | 103 |
| March: | 98-100: | 100 | 8 | 98-104 | : | 103 | : | 103 |
| April: | 95-106 : | 96 | 8 | 95-118 | : | 104 | : | 103 |
| May: | 94-106 : | 96 | 8 | 94-118 | : | 103 | : | 99 |
| June: | 94-106: | 95 | • | 94-118 | : | 104 | : | 103 |
| July: | 97-109 : | 103 | 8 | 105-118 | : | 108 | : | 107 |
| August: | 100-112 : | 103 | • | 105-118 | : | 108 | : | 106 |
| September: | 98-107 : | 103 | • | 98-118 | : | 108 | : | 105 |
| October: | : | | : | | : | | : | |
| November: | : | | : | | : | | : | |
| December: | : | | : | | : | | : | |
| : | : | | | | : | | : | |

Table 9.—Stainless steel bar: Ranges and weighted averages of lowest net selling prices and price at which the largest volume was shipped, and weighted average price of total quantity shipped by U.S. producers of selected types of bar to steel service centers or distributors, by months, January 1978-September 1978

| | | | (In cents | pe | r pound) | | | | |
|----------------|---------|--------|---------------------|-----|-------------|-----|-----------------------|---|---------------------------------|
| | : | | Grade 4 | 16 | , cold fini | she | d, 2" round | | |
| Year and month | : Lor | ve s | t price | : : | | | ch largest shipped | : | Weighted average price of |
| | : Range | : : | Weighted average | : | Range | : | Weighted average | | total quantity shipped |
| 1978: | : | : | | : | | : | | : | |
| January | :85~ 88 | · | 86 | • | 85- 92 | • | 88 | • | 89 |
| February | | | 87 | : | 85-108 | : | 89 | : | 90 |
| March | | | 90 | : | 85-111 | : | 92 | : | 91 |
| April | :89- 9 | 5 : | | : | 89- 95 | : | 93 | : | 93 |
| May | :89- 9 | 5 : | 90 | : | 89- 96 | : | 92 | : | 92 |
| June | :89- 9 | 5 : | . 90 | : | 91- 96 | : | 93 | : | 93 |
| July | :91- 98 | 3 : | 96 | : | 95- 98 | : | 96 | : | 94 |
| August | :91- 9 | 5 : | 93 | : | 95 | : | 95 | : | 94 |
| September | :91- 9 | 5: | 95 | : | 94- 95 | : | 95 | : | 94 |
| October | : | : | | : | | : | | : | |
| November | : | : | | : | | : | | : | |
| December | : | : | | : | | : | • | : | |
| • | : | : | | : | | : | | : | |

Table 10.--High-speed tool steel bars: Ranges and weighted averages of lowest net selling prices and price at which the largest volume was shipped, and weighted average price of total quantity shipped by U.S. producers of selected types of bars to steel service centers or distributors, by months, January 1978-September 1978

| | | (In | cents | per | pound) | | | | | |
|--|---|--------|---|----------|--|------|---|---|----------|---|
| Year and month : | Lowes | t pr | ice | : | Price at volume | | | | : av | ighted erage ice of |
| : | Range | Ξ | ighted erage | : | Range | : | Weig aver | hted age | : qu | otal antity ipped |
| • | | | Grade | M2, | 1" round | x r | andom | lengths | 3 | |
| 1070 | | : | | : | | : | | | : | |
| 1978: | | • . | | : | | : | | | : | |
| January: | | | 281 | : | 263-338 | : | | 290 | : | 293 |
| February: | | | 320 | : | 331-436 | : | | 329 | : | 332 |
| March: | | | 300 | : | 263-394 | : | | 309 | : | 312 |
| April: | | | 305 | : | 280-352 | : | | 330 | : | 324 |
| May: | | | 349 | : | 352-418 | : | | 381 | : | 369 |
| June: | | | 298 | : | 280-394 | : | | 316 | : | 310 |
| July: | | : | 300 | • | 258-394 | : | | 300 | : | 300 |
| August: | 313 | : | 313 | : | 352 | : | | 352 | : | 342 |
| September: | 319 | : | 319 | : | 359 | : | | 359 | : | 348 |
| October: | | : | | : | | : | | | : | |
| November: | | : | | : | | : | | | : | |
| December: | | : | | <u>:</u> | | : | | | <u>:</u> | |
| • | Gr | ade | 0-1. 1 | " x | /!! cold | fini | shed, | decarb | free | ! |
| | | | , - | | 4, cord | | | | | |
| : | | : | | : | - , coru | : | | | : | |
| 1978: | | : | | : | - , coru | : | | | : | |
| 1978: : January: | | : : | 143 | : | 150-168 | : | | 157 | : | 151 |
| January: | 134-150 | | | : | | : | | 157 153 | : | 151 152 |
| | 134-150 141-157 | : | 143 | : | 150-168 | : | | | : | |
| January: February: March: | 134-150 141-157 141-157 | : | 143 147 | : | 150-168 151-157 | : | , | 153 | • | 152 |
| January: February: March: April: | 134-150 141-157 141-157 141-157 | : | 143 147 147 | : | 150-168 151-157 148-174 | : | | 153 162 | : | 152 158 |
| January: February: March: | 134-150 141-157 141-157 141-157 141-159 | : | 143 147 147 147 | : | 150-168 151-157 148-174 141-157 | : | | 153 162 154 | : | 152 158 151 |
| January: February: March: April: May: June: | 134-150 141-157 141-157 141-157 141-159 141-157 | : | 143 147 147 147 156 | : | 150-168 151-157 148-174 141-157 141-165 | : | | 153 162 154 164 | : | 152 158 151 163 |
| January: February: March: April: May: June: July | 134-150 141-157 141-157 141-157 141-159 141-157 140-157 | : | 143 147 147 147 156 155 | : | 150-168 151-157 148-174 141-157 141-165 157-174 | : | | 153 162 154 164 170 | : | 152 158 151 163 168 |
| January: February: March: April: May: June: July: August: | 134-150 141-157 141-157 141-157 141-159 141-157 140-157 | : | 143 147 147 147 156 155 154 | : | 150-168 151-157 148-174 141-157 141-165 157-174 157-191 151-157 | : | | 153 162 154 164 170 189 | : | 152 158 151 163 168 174 |
| January: February: March: April: May: June: July: August: September: | 134-150 141-157 141-157 141-157 141-159 141-157 140-157 151-172 | : | 143 147 147 147 156 155 154 | : | 150-168 151-157 148-174 141-157 141-165 157-174 157-191 | : | | 153 162 154 164 170 189 154 | : | 152 158 151 163 168 174 156 |
| January: February: March: April: May: June: July: August: September: | 134-150 141-157 141-157 141-157 141-159 141-157 140-157 151-172 164-172 | : | 143 147 147 147 156 155 154 | : | 150-168 151-157 148-174 141-157 141-165 157-174 157-191 151-157 | : | | 153 162 154 164 170 189 154 | : | 152 158 151 163 168 174 156 |
| January: February: March: April: May: June: July: August: September: | 134-150 141-157 141-157 141-157 141-159 141-157 140-157 151-172 | : | 143 147 147 147 156 155 154 | : | 150-168 151-157 148-174 141-157 141-165 157-174 157-191 151-157 | : | | 153 162 154 164 170 189 154 | : | 152 158 151 163 168 174 156 |

Table 11.—Stainless steel strip: Ranges and weighted averages of lowest net selling prices and price at which the largest volume was shipped, and weighted average price of total quantity shipped by U.S. producers of selected types of strip to end-use customers, by months, January 1978—September 1978

| | | (| In cents p | er pound) | | | | |
|----------------|-------------|-------------|---------------------|--------------|------|-----------------------|----|---------------------------------|
| Year and month | Lowe | st | price : | | | ch largest shipped | : | Weighted average price of |
| | Range | : : : | Weighted average | Range | : | Weighted average | : | total quantity shipped |
| | | re | ide 430, 2 | finish, .060 | 0" x | 3" to 12" x | c | oi1 |
| 1978: | : | : | : | | : | | : | |
| January | : 81 | • | 81 : | 81 | : | 81 | : | 81 |
| February | · | _ | 80 : | | • | 80 | : | 80 |
| March | | | 81 : | | • | 81 | : | 81 |
| April | | - | 79 : | 79 | : | 79 | : | 79 |
| May | · · | : | 79 : | | : | 79 | : | 79 |
| June | • • • | - | 79 : | 79 | • | 79 | : | 79 |
| July | | • | 82 : | 84 | • | 84 | : | 83 |
| August | | _ | 80 : | 83 | • | 83 | • | 81 |
| September | | - | 82 : | 82 | - | 82 | : | 82 |
| October | | • | | 02 | • | 0.2 | • | |
| November | | : | • | | • | | : | |
| December | - | : | • | | • | | : | |
| 2000000 | : | ÷ | Grade 430. | 2 finish. | .02" | x 1" to und | er | |
| | · • | | | 1-1/2" x | coi | 1 | | |
| | : | : | : | | : | | : | |
| 1978: | : | : | : | | : | | : | |
| January | | | 94 : | | : | 94 | : | 94 |
| February | | : | 91 : | 90-91 | : | 91 | : | 91 |
| March | | : | 91 : | 90-91 | : | 91 | : | 91 |
| April | _ • | : | 89 : | 89 | : | 89 | : | 89 |
| May | : 89 | : | 89 : | 89 | : | 89 | : | 89 |
| June | : 89 | : | 89 : | 89 | : | 89 | : | 89 |
| July | : 88 | : | 88 : | 88 | : | 88 | : | 88 |
| August | 88 | : | 88 : | 88 | : | 88 | : | 88 |
| September | :90-105 | : | 95 : | 90-105 | : | 95 | : | 95 |
| October | : | : | : | | : | | : | |
| November | • | : | : | | : | | : | |
| December | : | : | , : | | : | | : | |
| | <u>:</u> | : | : | | : | | : | |

Table 12.—Stainless steel strip: Ranges and weighted averages of lowest net selling prices and price at which the largest volume was shipped, and weighted average price of total quantity shipped by U.S. producers of selected types of strip to end-use customers, by months, January 1978—September 1978

| : | Gra | | | | o under .020" coil | x 1" |
|---------------------------------------|-------|------------------|------------|-----|-----------------------|---|
| Year and month | Lowe | st price | | | ch largest shipped | Weightedaverageprice of |
| · · · · · · · · · · · · · · · · · · · | Range | Weighted average | : Range | : | Weighted average | total quantity shipped |
| 1978: | | : | : • | : | | : |
| January: | 99 | • • 99 | . 9 | 9: | 99 | : 99 |
| February: | 99 | | : 9 | _ | 99 | : 99 |
| March: | 99 | | | 9 : | 99 | : 99 |
| April: | 97 | - | | 7 : | 97 | : 97 |
| May: | 97 | : 97 | : 9 | 7 : | 97 | : 97 |
| June: | 97 | : 97 | : 9 | 7 : | 97 | : 97 |
| July: | 94 | : 94 | : 9 | 4 : | 94 | : 94 |
| August: | - | : - | : | - : | - | : - |
| September: | - | : - | : | - : | - | : - |
| October: | | : | : | : | | : |
| November: | | : | : | : | | : |
| December: | | : | • | : | | : |
| : | | : | • | : | | : |

Table 13.—Stainless steel sheet (cold rolled): Ranges and weighted averages of lowest net selling prices and price at which the largest volume was shipped, and weighted average price of total quantity shipped by U.S. producers of selected types of sheet to end-use customers, by months, January 1978-September 1978

| | | (In cents | per pound) | · | |
|----------------|---------------|------------------|---------------------------|------------------------------|---------------------------------------|
| | : Grad | le 304, 2 fi | nish, .035" t to under | o under .050" x 18" coil | over 12" |
| Year and month | : Lowe | st price | | which largest was shipped | : Weighted : average : price of |
| | : Range | Weighted average | : Range | Weighted average | total quantity shipped |
| 1977: | • | • | • | : | : |
| January | · -: 79-84 | 82 | : 84-92 | : 89 | : 87 |
| February | | _ | : 79-84 | : 82 | : 82 |
| March | -: 79-84 | : 82 | : 84-92 | : 88 | : 86 |
| April | -: 89-95 | : 93 | : 89-95 | : 93 | : 93 |
| May | -: 89-95 | : 93 | : 89-95 | : 93 | : 93 |
| June | -: 89-95 | : 93 | : 89-95 | : 93 | : 93 |
| July | -: 89-90 | : 89 | : 89-90 | : 89 | : 89 |
| August | -: 82-90 | : 88 | : 82-90 | : 89 | : 89 |
| September | -: 83-90 | : 87 | : 82-90 | : 89 | : 88 |
| October | -: | : | : | : | : |
| November | -; | : | : | : | • |
| December | -: | : | : | : | : |
| | : | : | : | : | : |

Table 14.--Stainless steel wire rod: Ranges and weighted averages of lowest net selling prices and price at which the largest volume was shipped, and weighted average price of total quantity shipped by U.S. producers of selected types of rod to end-use customers, by months, January 1978-September 1978

| | | (| In cents | рe | r pound) | | | | | | | | |
|------------------|----------------------|---------------------------------|------------------|----|----------|---|-----------------------|---|---------------------------------|--|--|--|--|
| | : : | Grade 304, .250" to .287" round | | | | | | | | | | | |
| Year and month | : Lowe | est | price | : | | | ch largest shipped | : | Weighted average price of | | | | |
| | Range | : | Weighted average | : | Range | : | Weighted average | : | total quantity shipped | | | | |
| 1978: | : | : | | : | | : | | : | | | | | |
| | · : 79-84 | • | 81 | : | 84- 92 | : | 88 | • | 86 | | | | |
| January February | | | 81 | • | 79- 84 | • | 83 | • | 82 | | | | |
| March | | | 83 | : | 85- 92 | • | 86 | : | 85 | | | | |
| April | • 80-83 | | 81 | • | 80- 84 | • | 82 | • | . 82 | | | | |
| May | : 80 - 82 | | 81 | : | 79- 83 | : | 82 | : | 82 | | | | |
| June | : 81-82 | | 81 | : | 81- 83 | : | 82 | : | 82 | | | | |
| July | | : | 81 | : | 81 | : | 81 | : | 81 | | | | |
| August | | ; | 83 | : | 83- 86 | : | 84 | : | 84 | | | | |
| September | | : | 84 | : | 83- 89 | : | 85 | : | 85 | | | | |
| October | : | : | | : | | : | | : | | | | | |
| November | : | : | | : | | : | | : | | | | | |
| December | : | : | | : | | : | | : | | | | | |
| | : | : | | : | | : | | : | | | | | |

Table 15.--High speed tool steel bars: Ranges and weighted averages of lowest net selling prices and price at which the largest volume was shipped, and weighted average price of total quantity shipped by U.S. producers of selected types of bars to end-use customers, by months, January 1978-September 1978

| | | (In cents | per | pound) | | | | |
|----------------|--------------|---------------------|--------|---|---------|---------------|----------|------------------------------|
| Year and month | Lowest price | | | Price at which largest volume was shipped | | | | Weighted average or of |
| : | Range | Weighted average | | Range | • | ghted rage | | total quantity shipped |
| | : | Grade | e M−7, | 1" round | x cold | finishe | d | |
| : | : | | : | | : | - | : | |
| 1978: | : | | : | | : | | : | |
| January: | 203-264 : | 225 | : | 203-264 | : | 225 | • | 22 5 |
| February: | 203-264: | 225 | : | 203-264 | : | 225 | : | 225 |
| March | 203-264 : | 215 | : | 203-264 | : | 215 | : | 215 |
| April: | 204-225 : | 223 | : | 204-246 | : | 245 | : | 240 |
| May | 204-241 : | 208 | : | 241-242 | : | 241 | : | 224 |
| June | 203-240 : | 230 | : | 203-258 | : | 249 | : | 238 |
| July | 212-238 : | 215 | : | 212-263 | : | 232 | : | 236 |
| August | 203-268 : | 225 | : | 203-268 | : | 231 | : | 233 |
| September | 229-238 : | 231 | : | 229-252 | : | 245 | : | 243 |
| October | : | | : | | : | | : | |
| November | : | | : | | : | | : | |
| December | : | | : | | : | | <u>:</u> | |
| | Grade | M-2, 1" | round | x random | lengths | , cold | fin | ished |
| : | | | : | | : | | : | |
| 1978: | : | | : | | : | | : | |
| January | | | : | 275-345 | : | 315 | : | 310 |
| February: | | | : | 345-357 | : | 351 | : | 340 |
| March: | | | : | 303-345 | : | 335 | : | 330 |
| April: | | | : | 357-366 | : | 360 | : | 339 |
| May | : 293-333 : | 321 | : | 366-378 | : | 374 | : | 361 |
| June | 291-293 : | 296 | : | 328-366 | : | 349 | : | 345 |
| July: | 275-363 : | 300 | : | 340-363 | : | 345 | : | 345 |
| August | 275-350 : | | : | 340-358 | : | 345 | : | 3 45 |
| September | 277-322 : | 300 | : | 290-342 | : | 310 | : | 321 |
| October | | | : | | : | | : | |
| November | : : | | : | | : | | : | |
| December | : | | : | | : | | : | |
| : | : | | : | | : | | . : | |

Table 16.--High-speed tool steel rod: Ranges and weighted averages of lowest net selling prices and price at which the largest volume was shipped, and weighted average price of total quantity shipped by U.S. producers of selected types of rod to end-use customers, by months, January 1978-September 1978

| | | (In cents | per | pound) | | | | |
|----------------|-----------------------------------|---------------------|-----|------------|---------------------------|---------------------|------------------------|--|
| : | Grade M-7, .250" round x HRA coil | | | | | | | |
| Year and month | Lowest price | | | Price at w | Weighted average price of | | | |
| | Range | Weighted average | : | Range | : : | Weighted average | total quantity shipped | |
| 1978: | | • | : | | : | | | |
| January: | | · : | : | | : | | | |
| February: | | : | : | | : | | | |
| March: | - | : | : | | : | ; | | |
| April: | | : | : | | : | | | |
| May: | | : | : | | : | | : | |
| June: | | : | : | | : | | : | |
| July: | 213 | : 213 | : | 213 | : | 213 | 213 | |
| August: | 213 | : 213 | : | 213 | : | 213 | : 213 | |
| September: | 245 | : 245 | : | 245 | : | 245 | 245 | |
| October: | | : | : | | : | | : | |
| November: | | : | : | | : | | : | |
| December: | | : | : | | : | | : | |
| : | | : | 2 | | : | | <u> </u> | |

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UNITED STATES INTERNATIONAL TRADE COMMISSION

WASHINGTON, D.C. 20436

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