

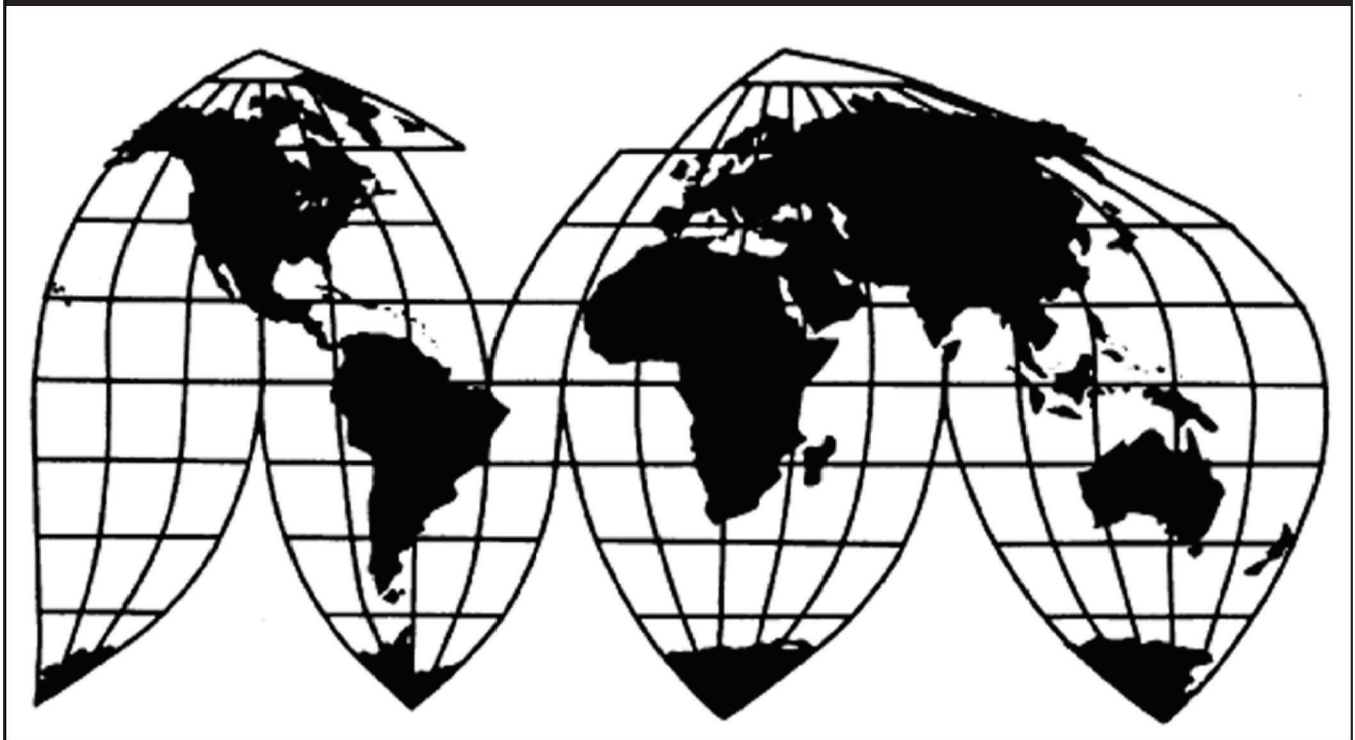
# **Carbon and Alloy Steel Threaded Rod from Taiwan**

Investigation No. 731-TA-1443 (Final)

**Publication 5013**

**January 2020**

**U.S. International Trade Commission**



Washington, DC 20436

# U.S. International Trade Commission

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# U.S. International Trade Commission

Washington, DC 20436  
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## Carbon and Alloy Steel Threaded Rod from Taiwan

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# UNITED STATES INTERNATIONAL TRADE COMMISSION

Investigation No. 731-TA-1443 (Final)

Carbon and Alloy Steel Threaded Rod from Taiwan

## DETERMINATION

On the basis of the record<sup>1</sup> developed in the subject investigation, the United States International Trade Commission (“Commission”) determines, pursuant to the Tariff Act of 1930 (“the Act”), that an industry in the United States is materially injured by reason of imports of carbon and alloy steel threaded rod (“threaded rod”) from Taiwan, provided for in subheadings 7318.15.50, 7318.15.20, and 7318.19.00 of the Harmonized Tariff Schedule of the United States, that have been found by the U.S. Department of Commerce (“Commerce”) to be sold in the United States at less than fair value (“LTFV”).<sup>2</sup>

## BACKGROUND

The Commission instituted this investigation effective February 21, 2019, following receipt of countervailing duty and/or antidumping duty petitions filed with the Commission and Commerce on threaded rod from China, India, Taiwan, and Thailand, by Vulcan Threaded Products Inc. (“Vulcan”), Pelham, Alabama. The Commission established a general schedule for the conduct of the final phase of the investigations following notification of a preliminary determination by Commerce that imports of threaded rod from Thailand were being sold at LTFV within the meaning of section 733(b) of the Act (19 U.S.C. 1673b(b)).<sup>3</sup> Notice of the scheduling of the final phase of the Commission’s investigations and of a public hearing to be held in connection therewith was given by posting copies of the notice in the Office of the Secretary, U.S. International Trade Commission, Washington, DC, and by publishing the notice in the *Federal Register* of August 27, 2019 (84 FR 44916). The hearing was held in Washington, DC, on October 15, 2019, and all persons who requested the opportunity were permitted to

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<sup>1</sup> The record is defined in sec. 207.2(f) of the Commission’s Rules of Practice and Procedure (19 CFR 207.2(f)).

<sup>2</sup> 84 FR 67258 (December 9, 2019).

<sup>3</sup> 84 FR 38597 (August 7, 2019).

appear in person or by counsel. The Commission subsequently issued its final affirmative determination regarding dumped imports from Thailand on December 5, 2019 (84 FR 67476, December 10, 2019).

Following notification of a final determination by Commerce that imports of threaded rod from Taiwan were being sold in the United States at LTFV,<sup>4</sup> notice of the supplemental scheduling of the final phase of the Commission's antidumping duty investigation with respect to Taiwan was given by posting copies of the notice in the Office of the Secretary, U.S. International Trade Commission, Washington, DC, and by publishing the notice in the *Federal Register* of December 16, 2019 (84 FR 68473).

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<sup>4</sup> 84 FR 67258 (December 9, 2019).



## VIEWS OF THE COMMISSION

Based on the record in the final phase of this investigation, we determine that an industry in the United States is materially injured by reason of imports of carbon and alloy steel threaded rod (“threaded rod”) from Taiwan found by the U.S. Department of Commerce (“Commerce”) to be sold in the United States at less than fair value.

### I. Background

The petition in this investigation was filed on February 21, 2019, by Vulcan Threaded Products Inc., a domestic producer of threaded rod.<sup>1</sup> The petition for this investigation was filed on the same day as petitions for antidumping duty investigations of threaded rod from China, India, and Thailand, and for countervailing duty investigations of threaded rod from China and India. Commerce postponed the issuance of its preliminary determinations in its antidumping duty investigations concerning threaded rod from China, India, and Taiwan,<sup>2</sup> as well as aligned and postponed its final determinations in its antidumping and countervailing duty investigations of threaded rod from China and India.<sup>3</sup> The investigations schedules

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<sup>1</sup> Confidential Report, INV-SS-001 (Jan. 3, 2020) (“CR”) at I-1, Public Report (“PR”) at I-1.

<sup>2</sup> See *Alloy and Certain Carbon Steel Threaded Rod From India, Taiwan, and the People’s Republic of China: Postponement of Preliminary Determination in the Less-Than-Fair-Value Investigations*, 84 Fed. Reg. 27764 (June 14, 2019).

<sup>3</sup> See *Alloy and Certain Carbon Steel Threaded Rod From the People’s Republic of China: Preliminary Affirmative Countervailing Duty Determination and Alignment of Final Determination With Final Antidumping Duty Determination*, 84 Fed. Reg. 36578 (July 29, 2019); *Carbon and Alloy Steel Threaded Rod From India: Preliminary Affirmative Countervailing Duty Determination and Alignment of Final Determination With Final Countervailing Duty Determination*, 84 Fed. Reg. 36570 (July 29, 2019); *Alloy and Certain Carbon Steel Threaded Rod From the People’s Republic of China: Preliminary Affirmative Determination of Sales at Less Than Fair Value, Postponement of Final Determination, and Extension of Provisional Measures*, 84 Fed. Reg. 50379 (September 25, 2019); and *Carbon and Alloy Steel Threaded Rod From India: Preliminary Affirmative Determination of Sales at Less Than Fair Value, Postponement of Final Determination, and Extension of Provisional Measures*, 84 Fed. Reg. 50376 (September 25, 2019).

became staggered when Commerce did not postpone its preliminary and final determinations in its antidumping duty investigation concerning threaded rod from Thailand, and was further staggered when the final determination concerning threaded rod from Taiwan was not postponed, thereby necessitating earlier final determinations in the antidumping duty investigations of threaded rod from Thailand and Taiwan. The Commission previously, in its antidumping duty investigation of threaded rod from Thailand, made an affirmative material injury determination on the basis of cumulated subject imports from China, India, Taiwan, and Thailand.<sup>4</sup> The Commission's investigations on threaded rod from China and India remain pending.<sup>5</sup>

Pursuant to the statutory provision regarding staggered investigations, the record for this antidumping duty investigation on threaded rod from Taiwan closed on November 6, 2019, the same closing date for the antidumping duty investigation on subject imports from Thailand and the antidumping and countervailing duty investigations on threaded rod from China and India. The only addition to the record, as allowed by the statute, is Commerce's final antidumping duty determination on threaded rod from Taiwan.<sup>6</sup>

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<sup>4</sup> *Carbon and Alloy Steel Threaded Rod from Thailand*, Inv. No. 731-TA-1444 (Final), USITC Pub. 4998 (December 2019) ("*Threaded Rod from Thailand*").

<sup>5</sup> *Carbon and Alloy Steel Threaded Rod From Taiwan: Final Affirmative Determination of Sales at Less Than Fair Value*, 84 Fed. Reg. 67258 (December 9, 2019) ("*Commerce Taiwan Final*"). Commerce is currently scheduled to issue its final determinations regarding subject imports from China and India on February 7, 2020.

<sup>6</sup> See 19 U.S.C. § 1677(7)(G)(iii); CR/PR at I-3 and Table I-5. There were no final comments submitted in this investigation. CR/PR at I-3 n.1.

## II. Material Injury by Reason of Subject Imports

Section 771(7)(G)(iii) of the Tariff Act of 1930, as amended (“the Act”), provides that the Commission must make its material injury determination in the instant investigation on the basis of the same record as that in the antidumping duty investigation regarding imports from Thailand, except to the extent discussed above.<sup>7</sup> Therefore, in this investigation, we adopt the findings and analyses in our determination and views regarding less-than-fair-value subject imports from Thailand with respect to the issues of domestic like product, domestic industry, cumulation, conditions of competition, and material injury by reason of cumulated subject imports.<sup>8</sup>

Accordingly, we determine that the domestic industry producing threaded rod is materially injured by reason of subject imports from Taiwan that Commerce determined were sold in the U.S. market at less than fair value.<sup>9 10</sup>

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<sup>7</sup> 19 U.S.C. § 1677(7)(G)(iii).

<sup>8</sup> See *Threaded Rod from Thailand*, USITC Pub. 4998.

<sup>9</sup> Pursuant to Section 771(24) of the Tariff Act, imports from a subject country of merchandise corresponding to a domestic like product that account for less than 3 percent of all such merchandise imported into the United States during the most recent 12 months for which data are available preceding the filing of the petition shall be deemed negligible. 19 U.S.C. § 1677(24)(A)(i).

During the 12-month period prior to the filing of the petition, February 2018 through January 2019, subject imports from Taiwan accounted for 14.6 percent of the quantity of total imports, which is above the 3 percent individual subject country statutory negligibility threshold applicable to the antidumping duty investigations. INV-RR-112 (Nov. 4, 2019) at Table IV-4. Accordingly, we find that the subject imports from Taiwan are not negligible.

<sup>10</sup> The statute additionally instructs the Commission to consider the “magnitude of the dumping margin” in an antidumping proceeding as part of its consideration of the impact of imports. 19 U.S.C. § 1677(7)(C)(iii)(V). In its final determination, Commerce calculated an antidumping duty margin of 32.26 percent for all subject imports from Taiwan. See *Commerce Taiwan Final*, 84 Fed. Reg. at 67258-59.

We have taken the magnitude of this dumping margin into account in our impact analysis, as well as other factors affecting domestic prices. Our analysis of the price effects of subject imports, particularly significant underselling, as set out in *Threaded Rod from Thailand*, is particularly probative to an assessment of the impact of subject imports. *Threaded Rod from Thailand*, USITC Pub. 4998 at 29-33.

### **III. Conclusion**

For the reasons stated above, we determine that an industry in the United States is materially injured by reason of imports of threaded rod from Taiwan that are sold in the United States at less than fair value.

# Part I: Introduction

## Background

These investigations result from petitions filed with the U.S. Department of Commerce (“Commerce”) and the U.S. International Trade Commission (“USITC” or “Commission”) by Vulcan Threaded Products Inc. (“Vulcan”), Pelham, Alabama, on February 21, 2019, alleging that an industry in the United States is materially injured and threatened with material injury by reason of subsidized imports of carbon and alloy steel threaded rod (“threaded rod”) from China and India and by less-than-fair-value (“LTFV”) imports of threaded rod from China, India, Taiwan, and Thailand. The following tabulation provides information relating to the background of these investigations.<sup>1 2</sup>

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<sup>1</sup> Pertinent *Federal Register* notices are referenced in appendix A, and may be found at the Commission’s website ([www.usitc.gov](http://www.usitc.gov)).

<sup>2</sup> A list of witnesses appearing at the hearing is presented in appendix B of this report.

<b>Effective date</b>	<b>Action</b>
February 21, 2019	Petitions filed with Commerce and the Commission; institution of Commission's investigations (84 FR 6817, February 28, 2019)
March 13, 2019	Commerce's notice of initiation of AD and CVD investigations (84 FR 10034 and 84 FR 10040, March 19, 2019)
April 8, 2019	Commission's preliminary determinations (84 FR 14971, April 12, 2019)
April 25, 2019	Commerce's postponement of China's and India's preliminary CVD determinations (84 FR 17379)
June 14, 2019	Commerce's postponement of preliminary determinations in LTFV investigations for India, Taiwan, and China (84 FR 27764)
July 29, 2019	Commerce's preliminary affirmative CVD determinations and alignment of final CVD and AD determinations for China (84 FR 36578) and India (84 FR 36570)
August 7, 2019	Commerce's preliminary affirmative determination of sales at LTFV and critical circumstances for Thailand (84 FR 38597)
August 7, 2019	Scheduling of final phase of Commission's investigations (84 FR 44916, August 27, 2019)
September 25, 2019	Commerce's preliminary determination of sales at LTFV, postponement of final determination, and extension of provisional measures for China (84 FR 50379) and India (84 FR 50376); and preliminary affirmative determination of sales at LTFV for Taiwan (84 FR 50382)
October 15, 2019	Commission's hearing
October 21, 2019	Commerce's final affirmative determination of sales at LTFV and critical circumstances for Thailand (84 FR 56162)
November 15, 2019	Commission's vote (Thailand)
December 5, 2019	Commission's views (Thailand)
December 9, 2019	Commerce's final affirmative determination of sales at LTFV for Taiwan (84 FR 67258)
December 10, 2019	Scheduling of final phase of Commission's investigation for Taiwan (84 FR 68473)
January 10, 2020	Commission's vote (Taiwan)
January 23, 2019	Commission's views (Taiwan)
Pending	Commission's vote (China and India)

The information contained in this report is intended to be used in conjunction with data presented in the Commission’s report of *Carbon and Alloy Steel Threaded Rod from Thailand: Investigation No. 731-TA-1444 (Final)*, USITC Publication 4998, December 2019, and the corresponding confidential version contained in *Investigation Nos. 701-TA-618-619 and 731-TA-1441-1444 (Final): Carbon and Alloy Steel Threaded Rod from China, India, Taiwan, and Thailand – Staff Report*, INV-RR-112, November 4, 2019. No new information except for Commerce’s final determination concerning carbon and alloy threaded rod from Taiwan is included in the record for these proceedings.<sup>3</sup>

## Nature and extent of sales at LTFV

### Sales at LTFV

On September 25, 2019, Commerce published a notice in the *Federal Register* of its preliminary determination of sales at LTFV with respect to imports from Taiwan.<sup>4</sup> On December 9, 2019, Commerce published its notice of final determination of sales at LTFV with respect to imports from Taiwan.<sup>5</sup> Table I-1 presents Commerce’s dumping margins with respect to imports of threaded rod from Taiwan.

**Table I-5**  
**Threaded rod: Commerce’s preliminary and final weighted-average LTFV margins with respect to imports from Taiwan**

Exporter/Producer	Preliminary dumping margin (percent)	Final dumping margin (percent)
Quintain Steel Co., Ltd.	32.26	32.26
Top Forever Screws Co., Ltd.	32.26	32.26
Fastenal Asia Pacific Ltd. TW Repres	32.26	32.26
QST International Corporation	32.26	32.26
Ta Chen Steel Pipe Ltd.	32.26	32.26
All others	32.26	32.26

Source: 84 FR 50382, September 25, 2019, and 84 FR 67258, December 9, 2019.

<sup>3</sup> No parties submitted final comments concerning carbon and alloy steel threaded rod from Taiwan.

<sup>4</sup> *Carbon and Alloy Steel Threaded Rod From Taiwan: Preliminary Affirmative Determination of Sales at Less Than Fair Value*, 84 FR 50382, September 25, 2019.

<sup>5</sup> *Carbon and Alloy Steel Threaded Rod from Taiwan: Final Affirmative Determination of Sales at Less Than Fair Value*, 84 FR 67258, December 9, 2019.





**APPENDIX A**

***FEDERAL REGISTER* NOTICES**



The Commission makes available notices relevant to its investigations and reviews on its website, [www.usitc.gov](http://www.usitc.gov). In addition, the following tabulation presents, in chronological order, *Federal Register* notices issued by the Commission and Commerce during the current proceeding.

Citation	Title	Link
84 FR 6817, February 28, 2019	<i>Carbon and Alloy Steel Threaded Rod From China, India, Taiwan, and Thailand; Institution of Antidumping and Countervailing Duty Investigations and Scheduling of Preliminary Phase Investigations</i>	<a href="https://www.govinfo.gov/content/pkg/FR-2019-02-28/pdf/2019-03450.pdf">https://www.govinfo.gov/content/pkg/FR-2019-02-28/pdf/2019-03450.pdf</a>
84 FR 10034, March 19, 2019	<i>Carbon and Alloy Steel Threaded Rod From India, Taiwan, Thailand, and the People's Republic of China: Initiation of Less-Than-Fair-Value Investigations</i>	<a href="https://www.govinfo.gov/content/pkg/FR-2019-03-19/pdf/2019-05136.pdf">https://www.govinfo.gov/content/pkg/FR-2019-03-19/pdf/2019-05136.pdf</a>
84 FR 10040, March 19, 2019	<i>Carbon and Alloy Steel Threaded Rod From India and the People's Republic of China: Initiation of Countervailing Duty Investigations</i>	<a href="https://www.govinfo.gov/content/pkg/FR-2019-03-19/pdf/2019-05138.pdf">https://www.govinfo.gov/content/pkg/FR-2019-03-19/pdf/2019-05138.pdf</a>
84 FR 14971, April 12, 2019	<i>Carbon and Alloy Steel Threaded Rod From China, India, Taiwan, and Thailand; Affirmative Preliminary Determination and Commencement of Final Phase Investigations</i>	<a href="https://www.govinfo.gov/content/pkg/FR-2019-04-12/pdf/2019-07246.pdf">https://www.govinfo.gov/content/pkg/FR-2019-04-12/pdf/2019-07246.pdf</a>

84 FR 17379, April 25, 2019	<i>Carbon and Alloy Steel Threaded Rod From India and the People's Republic of China: Postponement of Preliminary Determinations in the Countervailing Duty Investigations</i>	<a href="https://www.govinfo.gov/content/pkg/FR-2019-04-25/pdf/2019-08345.pdf">https://www.govinfo.gov/content/pkg/FR-2019-04-25/pdf/2019-08345.pdf</a>
84 FR 27764, June 14, 2019	<i>Carbon and Alloy Steel Threaded Rod from India, Taiwan, and the People's Republic of China: Postponement of Preliminary Determinations in the Less-Than-Fair-Value Investigations</i>	<a href="https://www.govinfo.gov/content/pkg/FR-2019-06-14/pdf/2019-12604.pdf">https://www.govinfo.gov/content/pkg/FR-2019-06-14/pdf/2019-12604.pdf</a>
84 FR 36570, July 29, 2019	<i>Carbon and Alloy Steel Threaded Rod From India: Preliminary Affirmative Countervailing Duty Determination and Alignment of Final Determination With Final Antidumping Duty Determination</i>	<a href="https://www.govinfo.gov/content/pkg/FR-2019-07-29/pdf/2019-16037.pdf">https://www.govinfo.gov/content/pkg/FR-2019-07-29/pdf/2019-16037.pdf</a>
84 FR 36578, July 29, 2019	<i>Carbon and Alloy Steel Threaded Rod From the People's Republic of China: Preliminary Affirmative Countervailing Duty Determination and Alignment of Final Determination With Final Antidumping Duty Determination</i>	<a href="https://www.govinfo.gov/content/pkg/FR-2019-07-29/pdf/2019-16036.pdf">https://www.govinfo.gov/content/pkg/FR-2019-07-29/pdf/2019-16036.pdf</a>
84 FR 38597, August 7, 2019	<i>Carbon and Alloy Steel Threaded Rod From Thailand: Preliminary Affirmative Determination of Sales at Less Than Fair Value, Preliminary Affirmative Determination of Critical Circumstances</i>	<a href="https://www.govinfo.gov/content/pkg/FR-2019-08-07/pdf/2019-16888.pdf">https://www.govinfo.gov/content/pkg/FR-2019-08-07/pdf/2019-16888.pdf</a>

84 FR 44916, August 27, 2019	<i>Carbon and Alloy Steel Threaded Rod From China, India, Taiwan, and Thailand; Scheduling of the Final Phase of Countervailing and Anti-Dumping Duty Investigations</i>	<a href="https://www.govinfo.gov/content/pkg/FR-2019-08-27/pdf/2019-18421.pdf">https://www.govinfo.gov/content/pkg/FR-2019-08-27/pdf/2019-18421.pdf</a>
84 FR 50379, September 25, 2019	<i>Alloy and Certain Carbon Steel Threaded Rod from the People's Republic of China: Preliminary Affirmative Determination of Sales at Less Than Fair Value, Postponement of Final Determination and Extension of Provisional Measures</i>	<a href="https://www.govinfo.gov/content/pkg/FR-2019-09-25/pdf/2019-20810.pdf">https://www.govinfo.gov/content/pkg/FR-2019-09-25/pdf/2019-20810.pdf</a>
84 FR 50376, September 25, 2019	<i>Carbon and Alloy Steel Threaded Rod From India: Preliminary Affirmative Determination of Sales at Less Than Fair Value, Postponement of Final Determination, and Extension of Provisional Measures</i>	<a href="https://www.govinfo.gov/content/pkg/FR-2019-09-25/pdf/2019-20811.pdf">https://www.govinfo.gov/content/pkg/FR-2019-09-25/pdf/2019-20811.pdf</a>
84 FR 50382, September 25, 2019	<i>Carbon and Alloy Steel Threaded Rod From Taiwan: Preliminary Affirmative Determination of Sales at Less Than Fair Value</i>	<a href="https://www.govinfo.gov/content/pkg/FR-2019-09-25/pdf/2019-20812.pdf">https://www.govinfo.gov/content/pkg/FR-2019-09-25/pdf/2019-20812.pdf</a>
84 FR 50382, September 25, 2019	<i>Carbon and Alloy Steel Threaded Rod From Taiwan: Preliminary Affirmative Determination of Sales at Less Than Fair Value</i>	<a href="https://www.govinfo.gov/content/pkg/FR-2019-09-25/pdf/2019-20812.pdf">https://www.govinfo.gov/content/pkg/FR-2019-09-25/pdf/2019-20812.pdf</a>
84 FR 56162, October 21, 2019	<i>Carbon and Alloy Steel Threaded Rod from Thailand: Final Affirmative Determination of Sales at Less Than Fair Value and Final Affirmative Determination of Critical Circumstances</i>	<a href="https://www.govinfo.gov/content/pkg/FR-2019-10-21/pdf/2019-22866.pdf">https://www.govinfo.gov/content/pkg/FR-2019-10-21/pdf/2019-22866.pdf</a>

<p>84 FR 67258, December 9, 2019</p>	<p><i>Carbon and Alloy Steel Threaded Rod from Taiwan: Final Affirmative Determination of Sales at Less Than Fair Value</i></p>	<p><a href="https://www.govinfo.gov/content/pkg/FR-2019-12-09/pdf/2019-26457.pdf">https://www.govinfo.gov/content/pkg/FR-2019-12-09/pdf/2019-26457.pdf</a></p>
<p>84 FR 68473, December, 16, 2019</p>	<p><i>Carbon and Alloy Steel Threaded Rod From Taiwan; Supplemental Schedule for the Final Phase of an Anti- Dumping Duty Investigation</i></p>	<p><a href="https://www.govinfo.gov/content/pkg/FR-2019-12-16/pdf/2019-26975.pdf">https://www.govinfo.gov/content/pkg/FR-2019-12-16/pdf/2019-26975.pdf</a></p>

**APPENDIX B**

**LIST OF HEARING WITNESSES**





## CALENDAR OF PUBLIC HEARING

Those listed below appeared as witnesses at the United States International Trade Commission's hearing:

**Subject:** Carbon and Alloy Steel Threaded Rod from China, India, Taiwan, and Thailand

**Inv. Nos.:** 701-TA-618-619 and 731-TA-1441-1444 (Final)

**Date and Time:** October 15, 2019 - 9:30 a.m.

A session was held in connection with these investigations in the Main Hearing Room (Room 101), 500 E Street, SW., Washington, DC.

### **OPENING REMARKS:**

Petitioner (**Luke A. Meisner**, Schagrin Associates)

### **In Support of the Imposition of Antidumping and Countervailing Duty Orders:**

Schagrin Associates  
Washington, DC  
on behalf of

Vulcan Threaded Products, Inc.

**Christopher Graham**, Senior Vice President, Long Product Group

**Dennis Black**, General Manager, Vulcan Threaded Products, Inc.

**Alan Logan**, Customer Service Manager, Vulcan Threaded Products, Inc.

**Brent Jenkins**, Bar Mill Product & Marketing Manager,  
Vulcan Threaded Products, Inc.

**Walter Gross**, President, Bay Standard Manufacturing, Inc.

**Paul Diorio**, President, Dan-Loc Group

**Roger B. Schagrin** )  
**Elizabeth J. Drake** ) – OF COUNSEL  
**Luke A. Meisner** )

**CLOSING REMARKS:**

Petitioner (**Roger B. Schagrin**, Schagrin Associates)

**-END-**

**APPENDIX C**  
**SUMMARY DATA**

Table C-1: Threaded Rod: Summary data concerning the U.S. market ..... C-3

Table C-2: Threaded Rod: Summary data concerning the U.S. market excluding certain  
producers ..... C-5

## All producers

**Table C-1**

**Threaded rod: Summary data concerning the U.S. market, 2016-18, January to June 2018, and January to June 2019**

(Quantity=1,000 pounds; Value=1,000 dollars; Unit values, unit labor costs, and unit expenses=dollars per pound; Period changes=percent--exceptions noted)

	Reported data					Period changes			
	Calendar year			January to June		Calendar year			Jan-Jun
	2016	2017	2018	2018	2019	2016-18	2016-17	2017-18	2018-19
<b>U.S. consumption quantity:</b>									
Amount.....	354,680	394,751	444,476	204,251	228,791	▲25.3	▲11.3	▲12.6	▲12.0
Producers' share (fn1).....	37.5	36.3	32.1	36.0	30.7	▼(5.4)	▼(1.3)	▼(4.2)	▼(5.4)
<b>Importers' share (fn1):</b>									
China.....	17.9	23.8	30.0	25.5	27.1	▲12.1	▲5.9	▲6.2	▲1.6
India.....	17.2	17.8	16.7	17.3	20.8	▼(0.5)	▲0.6	▼(1.1)	▲3.5
Taiwan.....	11.9	9.7	10.1	10.1	10.4	▼(1.8)	▼(2.2)	▲0.4	▲0.3
Thailand.....	3.4	2.6	2.7	2.8	2.5	▼(0.8)	▼(0.8)	▲0.0	▼(0.3)
Subject sources.....	50.5	54.0	59.5	55.7	60.8	▲9.0	▲3.5	▲5.5	▲5.1
Nonsubject sources.....	12.0	9.8	8.4	8.3	8.5	▼(3.6)	▼(2.2)	▼(1.3)	▲0.3
All import sources.....	62.5	63.7	67.9	64.0	69.3	▲5.4	▲1.3	▲4.2	▲5.4
<b>U.S. consumption value:</b>									
Amount.....	330,711	368,884	443,856	201,988	236,363	▲34.2	▲11.5	▲20.3	▲17.0
Producers' share (fn1).....	29.9	29.7	27.6	30.1	27.2	▼(2.3)	▼(0.2)	▼(2.1)	▼(2.8)
<b>Importers' share (fn1):</b>									
China.....	15.6	19.9	26.3	22.7	24.8	▲10.7	▲4.3	▲6.3	▲2.1
India.....	8.0	8.7	9.0	8.9	10.9	▲0.9	▲0.7	▲0.3	▲2.0
Taiwan.....	13.1	13.1	12.2	12.6	11.5	▼(0.9)	▲0.0	▼(0.9)	▼(1.1)
Thailand.....	1.6	1.3	1.4	1.4	1.2	▼(0.2)	▼(0.2)	▲0.0	▼(0.2)
Subject sources.....	38.3	43.1	48.8	45.7	48.4	▲10.5	▲4.8	▲5.7	▲2.7
Nonsubject sources.....	31.9	27.2	23.6	24.2	24.4	▼(8.3)	▼(4.6)	▼(3.6)	▲0.2
All import sources.....	70.1	70.3	72.4	69.9	72.8	▲2.3	▲0.2	▲2.1	▲2.8
<b>U.S. imports from:</b>									
<b>China:</b>									
Quantity.....	63,613	93,971	133,300	52,150	62,059	▲109.6	▲47.7	▲41.9	▲19.0
Value.....	51,503	73,439	116,514	45,917	58,590	▲126.2	▲42.6	▲58.7	▲27.6
Unit value.....	\$0.81	\$0.78	\$0.87	\$0.88	\$0.94	▲8.0	▼(3.5)	▲11.8	▲7.2
Ending inventory quantity.....	***	***	***	***	***	▼***	▼***	▲***	▲***
<b>India</b>									
Quantity.....	61,126	70,416	74,301	35,389	47,593	▲21.6	▲15.2	▲5.5	▲34.5
Value.....	26,516	32,026	39,741	18,011	25,809	▲49.9	▲20.8	▲24.1	▲43.3
Unit value.....	\$0.43	\$0.45	\$0.53	\$0.51	\$0.54	▲23.3	▲4.8	▲17.6	▲6.5
Ending inventory quantity.....	***	***	***	***	***	▲***	▲***	▲***	▲***
<b>Taiwan</b>									
Quantity.....	42,155	38,184	44,861	20,590	23,786	▲6.4	▼(9.4)	▲17.5	▲15.5
Value.....	43,350	48,481	54,191	25,465	27,142	▲25.0	▲11.8	▲11.8	▲6.6
Unit value.....	\$1.03	\$1.27	\$1.21	\$1.24	\$1.14	▲17.5	▲23.5	▼(4.9)	▼(7.7)
Ending inventory quantity.....	***	***	***	***	***	▲***	▲***	▲***	▲***
<b>Thailand</b>									
Quantity.....	12,096	10,415	11,783	5,617	5,695	▼(2.6)	▼(13.9)	▲13.1	▲1.4
Value.....	5,202	4,933	6,084	2,904	2,809	▲17.0	▼(5.2)	▲23.3	▼(3.3)
Unit value.....	\$0.43	\$0.47	\$0.52	\$0.52	\$0.49	▲20.1	▲10.1	▲9.0	▼(4.6)
Ending inventory quantity.....	***	***	***	***	***	▲***	▲***	▼***	▼***
<b>Subject sources:</b>									
Quantity.....	178,989	212,986	264,245	113,746	139,133	▲47.6	▲19.0	▲24.1	▲22.3
Value.....	126,570	158,878	216,530	92,297	114,349	▲71.1	▲25.5	▲36.3	▲23.9
Unit value.....	\$0.71	\$0.75	\$0.82	\$0.81	\$0.82	▲15.9	▲5.5	▲9.8	▲1.3
Ending inventory quantity.....	***	***	***	***	***	▲***	▼***	▲***	▲***
<b>Nonsubject sources:</b>									
Quantity.....	42,521	38,521	37,497	16,884	19,527	▼(11.8)	▼(9.4)	▼(2.7)	▲15.7
Value.....	105,335	100,476	104,728	48,969	57,667	▼(0.6)	▼(4.6)	▲4.2	▲17.8
Unit value.....	\$2.48	\$2.61	\$2.79	\$2.90	\$2.95	▲12.7	▲5.3	▲7.1	▲1.8
Ending inventory quantity.....	***	***	***	***	***	▲***	▲***	▲***	▼***
<b>All import sources:</b>									
Quantity.....	221,510	251,507	301,742	130,630	158,660	▲36.2	▲13.5	▲20.0	▲21.5
Value.....	231,905	259,354	321,258	141,265	172,016	▲38.5	▲11.8	▲23.9	▲21.8
Unit value.....	\$1.05	\$1.03	\$1.06	\$1.08	\$1.08	▲1.7	▼(1.5)	▲3.2	▲0.3
Ending inventory quantity.....	***	***	***	***	***	▲***	▼***	▲***	▲***

Table continued on next page.....

**Table C-1--Continued**

**Threaded rod: Summary data concerning the U.S. market, 2016-18, January to June 2018, and January to June 2019**

(Quantity=1,000 pounds; Value=1,000 dollars; Unit values, unit labor costs, and unit expenses=dollars per pound; Period changes=percent--exceptions noted)

	Reported data					Period changes			
	Calendar year			January to June		Calendar year			Jan-Jun
	2016	2017	2018	2018	2019	2016-18	2016-17	2017-18	2018-19
U.S. producers':									
Average capacity quantity.....	275,234	256,762	253,520	126,484	126,855	▼(7.9)	▼(6.7)	▼(1.3)	▲0.3
Production quantity.....	133,905	139,807	147,144	74,910	70,340	▲9.9	▲4.4	▲5.2	▼(6.1)
Capacity utilization (fn1).....	48.7	54.5	58.0	59.2	55.4	▲9.4	▲5.8	▲3.6	▼(3.8)
U.S. shipments:									
Quantity.....	133,170	143,244	142,734	73,621	70,131	▲7.2	▲7.6	▼(0.4)	▼(4.7)
Value.....	98,807	109,530	122,598	60,723	64,347	▲24.1	▲10.9	▲11.9	▲6.0
Unit value.....	0.74	0.76	0.86	0.82	0.92	▲15.8	▲3.1	▲12.3	▲11.2
Export shipments:									
Quantity.....	***	***	***	***	***	▲***	▼***	▲***	▲***
Value.....	***	***	***	***	***	▲***	▼***	▲***	▲***
Unit value.....	***	***	***	***	***	▲***	▲***	▲***	▲***
Ending inventory quantity.....	23,079	19,445	23,488	20,355	23,337	▲1.8	▼(15.7)	▲20.8	▲14.7
Inventories/total shipments (fn1).....	***	***	***	***	***	▼***	▼***	▲***	▲***
Production workers.....	312	333	330	288	311	▲5.8	▲6.7	▼(0.9)	▲8.0
Hours worked (1,000s).....	660	721	718	360	374	▲8.7	▲9.3	▼(0.5)	▲3.9
Wages paid (\$1,000).....	11,988	14,316	14,707	7,513	7,843	▲22.7	▲19.4	▲2.7	▲4.4
Hourly wages (dollars per hour).....	\$18.17	\$19.85	\$20.50	\$20.88	\$20.98	▲12.8	▲9.3	▲3.2	▲0.5
Productivity (pounds per hour).....	202.9	193.9	205.1	208.2	188.2	▲1.1	▼(4.5)	▲5.8	▼(9.6)
Unit labor costs.....	\$0.09	\$0.10	\$0.10	\$0.10	\$0.11	▲11.6	▲14.4	▼(2.4)	▲11.2
Net sales:									
Quantity.....	133,135	142,591	142,414	68,173	64,732	▲7.0	▲7.1	▼(0.1)	▼(5.0)
Value.....	98,213	108,187	121,906	56,638	60,306	▲24.1	▲10.2	▲12.7	▲6.5
Unit value.....	\$0.74	\$0.76	\$0.86	\$0.83	\$0.93	▲16.0	▲2.8	▲12.8	▲12.1
Cost of goods sold (COGS).....	70,470	84,482	96,280	45,225	45,927	▲36.6	▲19.9	▲14.0	▲1.6
Gross profit or (loss) (fn2).....	27,743	23,704	25,626	11,414	14,379	▼(7.6)	▼(14.6)	▲8.1	▲26.0
SG&A expenses.....	14,318	14,125	14,044	6,436	6,542	▼(1.9)	▼(1.3)	▼(0.6)	▲1.7
Operating income or (loss) (fn2).....	13,425	9,579	11,582	4,978	7,837	▼(13.7)	▼(28.6)	▲20.9	▲57.4
Net income or (loss) (fn2).....	11,505	7,782	10,221	4,266	7,121	▼(11.2)	▼(32.4)	▲31.4	▲66.9
Capital expenditures.....	***	***	***	***	***	▲***	▲***	▼***	▲***
Unit COGS.....	\$0.53	\$0.59	\$0.68	\$0.66	\$0.71	▲27.7	▲11.9	▲14.1	▲7.0
Unit SG&A expenses.....	\$0.11	\$0.10	\$0.10	\$0.09	\$0.10	▼(8.3)	▼(7.9)	▼(0.4)	▲7.1
Unit operating income or (loss) (fn2).....	\$0.10	\$0.07	\$0.08	\$0.07	\$0.12	▼(19.4)	▼(33.4)	▲21.0	▲65.8
Unit net income or (loss) (fn2).....	\$0.09	\$0.05	\$0.07	\$0.06	\$0.11	▼(16.9)	▼(36.8)	▲31.5	▲75.8
COGS/sales (fn1).....	71.8	78.1	79.0	79.8	76.2	▲7.2	▲6.3	▲0.9	▼(3.7)
Operating income or (loss)/sales (fn1).....	13.7	8.9	9.5	8.8	13.0	▼(4.2)	▼(4.8)	▲0.6	▲4.2
Net income or (loss)/sales (fn1).....	11.7	7.2	8.4	7.5	11.8	▼(3.3)	▼(4.5)	▲1.2	▲4.3

Note: Shares and ratios shown as "0.0" represent values greater than zero, but less than "0.05" percent. Zeroes, null values, and undefined calculations are suppressed and shown as "--".

fn1: Reported data are in percent and period changes are in percentage points.

fn2: Percent changes only calculated when both comparison values represent profits; The directional change in profitability provided when one or both comparison values represent a loss.

Source: Compiled from data submitted in response to Commission questionnaires and official U.S. import statistics using statistical reporting numbers 7318.15.5051, 7318.15.5056 and 7318.15.5090 accessed September 23, 2019.

## Related party exclusion

Table C-2

Threaded rod: Summary data concerning the U.S. market excluding three U.S. producers \*\*\*, 2016-18, January to June 2018, and January to June 2019

(Quantity=1,000 pounds; Value=1,000 dollars; Unit values, unit labor costs, and unit expenses=dollars per pound; Period changes=percent--exceptions noted)

	Reported data					Period changes			
	Calendar year			January to June		Calendar year			Jan-Jun
	2016	2017	2018	2018	2019	2016-18	2016-17	2017-18	2018-19
U.S. consumption quantity:									
Amount.....	***	***	***	***	***	▲***	▲***	▲***	▲***
Producers' share (fn1):									
Included producers.....	***	***	***	***	***	▼***	▼***	▼***	▼***
Excluded producers.....	***	***	***	***	***	▲***	▲***	▲***	▼***
All producers.....	***	***	***	***	***	▼***	▼***	▼***	▼***
Importers' share (fn1):									
China.....	***	***	***	***	***	▲***	▲***	▲***	▲***
India.....	***	***	***	***	***	▼***	▲***	▼***	▲***
Taiwan.....	***	***	***	***	***	▼***	▼***	▲***	▲***
Thailand.....	***	***	***	***	***	▼***	▼***	▲***	▼***
Subject sources.....	***	***	***	***	***	▲***	▲***	▲***	▲***
Nonsubject sources.....	***	***	***	***	***	▼***	▼***	▼***	▲***
All import sources.....	***	***	***	***	***	▲***	▲***	▲***	▲***
U.S. consumption value:									
Amount.....	***	***	***	***	***	▲***	▲***	▲***	▲***
Producers' share (fn1):									
Included producers.....	***	***	***	***	***	▼***	▼***	▼***	▼***
Excluded producers.....	***	***	***	***	***	▲***	▲***	▼***	▼***
All producers.....	***	***	***	***	***	▼***	▼***	▼***	▼***
Importers' share (fn1):									
China.....	***	***	***	***	***	▲***	▲***	▲***	▲***
India.....	***	***	***	***	***	▲***	▲***	▲***	▲***
Taiwan.....	***	***	***	***	***	▼***	▲***	▼***	▼***
Thailand.....	***	***	***	***	***	▼***	▼***	▲***	▼***
Subject sources.....	***	***	***	***	***	▲***	▲***	▲***	▲***
Nonsubject sources.....	***	***	***	***	***	▼***	▼***	▼***	▲***
All import sources.....	***	***	***	***	***	▲***	▲***	▲***	▲***
U.S. imports from:									
China:									
Quantity.....	63,613	93,971	133,300	52,150	62,059	▲109.6	▲47.7	▲41.9	▲19.0
Value.....	51,503	73,439	116,514	45,917	58,590	▲126.2	▲42.6	▲58.7	▲27.6
Unit value.....	\$0.81	\$0.78	\$0.87	\$0.88	\$0.94	▲8.0	▼(3.5)	▲11.8	▲7.2
Ending inventory quantity.....	***	***	***	***	***	▼***	▼***	▲***	▲***
India									
Quantity.....	61,126	70,416	74,301	35,389	47,593	▲21.6	▲15.2	▲5.5	▲34.5
Value.....	26,516	32,026	39,741	18,011	25,809	▲49.9	▲20.8	▲24.1	▲43.3
Unit value.....	\$0.43	\$0.45	\$0.53	\$0.51	\$0.54	▲23.3	▲4.8	▲17.6	▲6.5
Ending inventory quantity.....	***	***	***	***	***	▲***	▲***	▲***	▲***
Taiwan									
Quantity.....	42,155	38,184	44,861	20,590	23,786	▲6.4	▼(9.4)	▲17.5	▲15.5
Value.....	43,350	48,481	54,191	25,465	27,142	▲25.0	▲11.8	▲11.8	▲6.6
Unit value.....	\$1.03	\$1.27	\$1.21	\$1.24	\$1.14	▲17.5	▲23.5	▼(4.9)	▼(7.7)
Ending inventory quantity.....	***	***	***	***	***	▲***	▲***	▲***	▲***
Thailand									
Quantity.....	12,096	10,415	11,783	5,617	5,695	▼(2.6)	▼(13.9)	▲13.1	▲1.4
Value.....	5,202	4,933	6,084	2,904	2,809	▲17.0	▼(5.2)	▲23.3	▼(3.3)
Unit value.....	\$0.43	\$0.47	\$0.52	\$0.52	\$0.49	▲20.1	▲10.1	▲9.0	▼(4.6)
Ending inventory quantity.....	***	***	***	***	***	▲***	▲***	▼***	▼***
Subject sources:									
Quantity.....	178,989	212,986	264,245	113,746	139,133	▲47.6	▲19.0	▲24.1	▲22.3
Value.....	126,570	158,878	216,530	92,297	114,349	▲71.1	▲25.5	▲36.3	▲23.9
Unit value.....	\$0.71	\$0.75	\$0.82	\$0.81	\$0.82	▲15.9	▲5.5	▲9.8	▲1.3
Ending inventory quantity.....	***	***	***	***	***	▲***	▼***	▲***	▲***
Nonsubject sources:									
Quantity.....	42,521	38,521	37,497	16,884	19,527	▼(11.8)	▼(9.4)	▼(2.7)	▲15.7
Value.....	105,335	100,476	104,728	48,969	57,667	▼(0.6)	▼(4.6)	▲4.2	▲17.8
Unit value.....	\$2.48	\$2.61	\$2.79	\$2.90	\$2.95	▲12.7	▲5.3	▲7.1	▲1.8
Ending inventory quantity.....	***	***	***	***	***	▲***	▲***	▲***	▼***
All import sources:									
Quantity.....	221,510	251,507	301,742	130,630	158,660	▲36.2	▲13.5	▲20.0	▲21.5
Value.....	231,905	259,354	321,258	141,265	172,016	▲38.5	▲11.8	▲23.9	▲21.8
Unit value.....	\$1.05	\$1.03	\$1.06	\$1.08	\$1.08	▲1.7	▼(1.5)	▲3.2	▲0.3
Ending inventory quantity.....	***	***	***	***	***	▲***	▼***	▲***	▲***

Table C-2--Continued

Threaded rod: Summary data concerning the U.S. market excluding three U.S. producers \*\*\*; 2016-18, January to June 2018, and January to June 2019

(Quantity=1,000 pounds; Value=1,000 dollars; Unit values, unit labor costs, and unit expenses=dollars per pound; Period changes=percent--exceptions noted)

	Reported data					Period changes			
	Calendar year		2018	January to June		Calendar year			Jan-Jun
	2016	2017		2018	2019	2016-18	2016-17	2017-18	
U.S. producers':									
Average capacity quantity.....	***	***	***	***	***	▼***	▼***	▼***	▲***
Production quantity.....	***	***	***	***	***	▲***	▲***	▲***	▼***
Capacity utilization (fn1).....	***	***	***	***	***	▲***	▲***	▲***	▼***
U.S. shipments:									
Quantity.....	***	***	***	***	***	▲***	▲***	▼***	▼***
Value.....	***	***	***	***	***	▲***	▲***	▲***	▲***
Unit value.....	***	***	***	***	***	▲***	▲***	▲***	▲***
Export shipments:									
Quantity.....	***	***	***	***	***	▲***	▼***	▲***	▲***
Value.....	***	***	***	***	***	▲***	▼***	▲***	▲***
Unit value.....	***	***	***	***	***	▲***	▲***	▲***	▲***
Ending inventory quantity.....	***	***	***	***	***	▲***	▼***	▲***	▲***
Inventories/total shipments (fn1).....	***	***	***	***	***	▼***	▼***	▲***	▲***
Production workers.....	***	***	***	***	***	▲***	▲***	▲***	▲***
Hours worked (1,000s).....	***	***	***	***	***	▲***	▲***	▼***	▲***
Wages paid (\$1,000).....	***	***	***	***	***	▲***	▲***	▲***	▲***
Hourly wages (dollars per hour).....	***	***	***	***	***	▲***	▲***	▲***	▲***
Productivity (pounds per hour).....	***	***	***	***	***	▲***	▼***	▲***	▼***
Unit labor costs.....	***	***	***	***	***	▲***	▲***	▼***	▲***
Net sales:									
Quantity.....	***	***	***	***	***	▲***	▲***	▼***	▼***
Value.....	***	***	***	***	***	▲***	▲***	▲***	▲***
Unit value.....	***	***	***	***	***	▲***	▲***	▲***	▲***
Cost of goods sold (COGS).....	***	***	***	***	***	▲***	▲***	▲***	▲***
Gross profit or (loss) (fn2).....	***	***	***	***	***	▼***	▼***	▲***	▲***
SG&A expenses.....	***	***	***	***	***	▼***	▼***	▼***	▲***
Operating income or (loss) (fn2).....	***	***	***	***	***	▼***	▼***	▲***	▲***
Net income or (loss) (fn2).....	***	***	***	***	***	▼***	▼***	▲***	▲***
Capital expenditures.....	***	***	***	***	***	▲***	▲***	▼***	▲***
Unit COGS.....	***	***	***	***	***	▲***	▲***	▲***	▲***
Unit SG&A expenses.....	***	***	***	***	***	▼***	▼***	▼***	▲***
Unit operating income or (loss) (fn2).....	***	***	***	***	***	▼***	▼***	▲***	▲***
Unit net income or (loss) (fn2).....	***	***	***	***	***	▼***	▼***	▲***	▲***
COGS/sales (fn1).....	***	***	***	***	***	▲***	▲***	▲***	▼***
Operating income or (loss)/sales (fn1).....	***	***	***	***	***	▼***	▼***	▲***	▲***
Net income or (loss)/sales (fn1).....	***	***	***	***	***	▼***	▼***	▲***	▲***

Note: Shares and ratios shown as "0.0" represent values greater than zero, but less than "0.05" percent. Zeroes, null values, and undefined calculations are suppressed and shown as "--".

fn1: Reported data are in percent and period changes are in percentage points.

fn2: Percent changes only calculated when both comparison values represent profits; The directional change in profitability provided when one or both comparison values represent a loss.

Source: Compiled from data submitted in response to Commission questionnaires and official U.S. import statistics using statistical reporting numbers 7318.15.5051,7318.15.5056 and 7318.15.5090 accessed September 23, 2019.