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June 26, 2020

VIA EDIS

The Honorable Lisa R. Barton
Secretary to the Commission
U.S. International Trade Commission
500 E Street, S.W., Room 112
Washington, DC 20436

Investigation Nos: 701-TA-417 and
731-TA-953, 957-959, and 961
(Third Review)
Total Pages: 390
Confidential Business Information Subject to Administrative Protective Order contained in the Narrative on Pages 2 through 10, 12, 14; Responses to Commissioner Questions on Pages 6 through 13, 17, 19 through 27, 28, 29, 30, 31, 33 through 45, 49, 50 and Exhibits 2 through 4, 13 through 19, 25, 26, 27 through 29, and 32 has been deleted.

NON-CONFIDENTIAL VERSION

Re: **Carbon and Certain Alloy Steel Wire Rod from Brazil, Indonesia, Mexico, Moldova, and Trinidad and Tobago – *Posthearing Brief***

Dear Secretary Barton:

On behalf of Deacero S.A.P.I. de C.V. ("Deacero") and Deacero USA, Inc. ("Deacero USA"), we hereby submit the non-confidential version of the Posthearing Brief.

The confidential business proprietary information contained in the submission on above-identified pages is clearly identified by means of single brackets has been deleted.

Please do not hesitate to contact us if you have any questions. A certificate of service is enclosed.

Sincerely,

/s/ Rosa S. Jeong

Irwin P. Altschuler
Rosa S. Jeong
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Investigation Nos: 701-TA-417 and
731-TA-953, 957-959, and 961
(Third Review)
Carbon and Certain Alloy Steel Wire Rod from Brazil, Indonesia,
Mexico, Moldova, and Trinidad and Tobago

City of Washington)
) ss:
District of Columbia)

In accordance with section 201.6(b)(3)(iii) of the Commission's regulations, 19 C.F.R. § 201.6(b)(3)(iii), I, Rosa S. Jeong, of Greenberg Traurig, LLP, certify that information substantially identical to the information we are requesting proprietary treatment for in the attached submission is not available to the public.

In accordance with section 207.3(a) of the Commission's regulations, 19 C.F.R.§ 207.3(a), I further certify that (1) I have read the attached submission, and (2) the information contained in this submission is accurate and complete to the best of my knowledge.

In accordance with section 207.3 of the Commission's regulations, 19 C.F.R.§ 207.3, I acknowledge that any information submitted to the Commission throughout this proceeding or other proceedings may be disclosed to and used: (i) by the Commission, its employees and Offices, and contract personnel (a) for developing or maintaining the records of this or a related proceeding, or (b) in internal investigations, audits, reviews, and evaluations relating to the programs, personnel, and operations of the Commission including under 5 U.S.C. Appendix 3; or (ii) by U.S. government employees and contract personnel, solely for cybersecurity purposes. I understand that all contract personnel will sign appropriate nondisclosure agreements.

Executed on: June 25, 2020

Rosa S. Jeong

Investigation. Nos. 701-TA-417 and 731-TA-953, 957-959, and 961 (Third Review)
Carbon and Certain Alloy Steel Wire Rod from Brazil,
Indonesia, Mexico, Moldova, and Trinidad and Tobago

PUBLIC CERTIFICATE OF SERVICE

I hereby certify that the attached submission was served this 26th day of June 2020, on the following parties via electronic mail:

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NON-CONFIDENTIAL VERSION

BEFORE THE
UNITED STATES INTERNATIONAL TRADE COMMISSION

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NON-CONFIDENTIAL VERSION

In The Matter Of:

Carbon and Certain Alloy Steel Wire Rod from Brazil, Indonesia, Mexico, Moldova, and Trinidad and Tobago

POSTHEARING BRIEF ON BEHALF OF DEACERO S.A.P.I. DE C.V. AND DEACERO USA, INC.

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Dated: June 26, 2020

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I. INTRODUCTION AND SUMMARY

On behalf of Deacero S.A.P.I. de C.V. ("Deacero") and Deacero USA, Inc. ("Deacero USA"), we present this posthearing brief for the Commission's consideration in the five-year reviews of the countervailing duty order on carbon and certain alloy wire rod ("wire rod") from Brazil and the antidumping duty orders on wire rod from Brazil, Indonesia, Mexico, Moldova, and Trinidad and Tobago.

After 18 years, the Commission should find that the revocation of the antidumping order on wire rod from Mexico is appropriate. Mexican imports should be analyzed on a decumulated basis in light of the significant differences in the capacity utilization, market presence, focus on internal consumption and the Mexican market, and the volume restraining effect of the Joint Section 232 Agreement, among other factors. The low level of excess capacity reported by Mexican producers does not translate to an actual, significant volume of wire rod available to be exported to the United States because wire rod producers in Mexico produce to meet the needs of their long-term customers. Mexican producers do not have a strategy of producing for the sole purpose of filling their capacity in the absence of corresponding demand.

The production and sales of 4.4 mm and 4.75 mm diameter wire rod by Deacero do not reflect a focus on the U.S. market. These smaller diameter products were produced at customer request in consideration of the distinct advantages offered by each product. Moreover, the data regarding the presence of 4.4 mm and 4.75 mm wire rod illustrate that, even without an antidumping duty order, imports of wire rod will remain modest and will not impact the U.S. industry in a market that cannot be fully supplied by the domestic industry.[1]

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[1] *See Carbon and Certain Alloy Steel Wire Rod from Brazil, Indonesia, Mexico, Moldova, Trinidad & Tobago, and Ukraine*, Inv. Nos. 701-TA-417 and 731-TA-953, 957-959, 961, and 962 (Second Review), USITC Publication 4472, June 2014, at 63-64 ("Dissenting Views of Commissioner Johanson").

For these reasons and based on the record, the Commission should analyze imports from Mexico on a decumulated basis and find that revocation of the antidumping order on wire rod from Mexico would not be likely to lead to continuation or recurrence of material injury within a reasonably foreseeable time.

II. MEXICO DOES NOT HAVE SIGNIFICANT EXCESS CAPACITY THAT COULD BE USED TO INCREASE EXPORTS TO THE U.S. MARKET

A. Mexico's Reported Unused Capacity is Unlikely to be Used to Generate Imports to the United States

In their prehearing brief and during the hearing, Nucor Corporation ("Nucor") and Commercial Metals Company ("CMC") argued that Mexican producers have ample excess capacity and inventory levels, every ton of which would be turned into exports to the U.S. market. However, it is simply unrealistic to expect that all producers in Mexico could reach 100% capacity utilization and then abandon their other markets to divert their entire production and inventory to the U.S. market.

As explained by witnesses of Deacero, the largest Mexican producer of wire rod accounting for [ ] of production, the existence of unused capacity does not mean that such capacity could or would be used to increase exports to the U.S. market. First, Deacero aligns production with actual sales and does not seek to increase production or inventory without actual customer commitments.[2] This means that almost every ton of wire rod produced by Deacero and in inventory is committed to existing customers or internal consumption. Second, because Deacero sells in all markets to customers with long-term commitments, it is unable to

[2] Hearing Transcript of Record ("Hr'g Tr."), *Carbon and Certain Alloy Steel Wire Rod from Brazil, Indonesia, Mexico, Moldova, and Trinidad and Tobago*, 701-TA-417 and 731-TA-953, 957-959, and 961 (Third Review) at 100 (Antonio Guerra); Hearing Transcript of Record ("Hr'g Tr."), *Carbon and Certain Alloy Steel Wire Rod from Brazil, Indonesia, Mexico, Moldova, and Trinidad and Tobago*, 701-TA-417 and 731-TA-953, 957-959, and 961 (Third Review) at 129 (Fernando Villanueva); Hearing Transcript of Record ("Hr'g Tr."), *Carbon and Certain Alloy Steel Wire Rod from Brazil, Indonesia, Mexico, Moldova, and Trinidad and Tobago*, 701-TA-417 and 731-TA-953, 957-959, and 961 (Third Review) at 131-132 (Antonio Guerra).

divert shipments to any one market.[3] Finally, Deacero's operations focus on producing downstream wire products and will continue to devote the majority of its wire rod production to internal consumption, as evidenced by the fact that the combined internal consumption and home market shipments constituted [ ] percent of Deacero's total shipments during the period of review ("POR").[4]

The low levels of exports to the U.S. market even when low antidumping duty rates were in effect show that other Mexican producers likely have similar capacity constraints as those faced by Deacero, notwithstanding any reported "excess" capacity.

These constraints in increasing capacity utilization appear to be applicable to U.S. producers as well. For instance, in 2018, during which there were widely-reported shortages in the U.S. market, U.S. producers were unable to increase their production to supply the market even though they had "excess" unused capacity.[5] The large number of Section 232 exclusions granted in 2019 and 2020 also indicates that shortages are continuing in at least certain segments of the market, despite purported excess capacity reported by the U.S. industry.[6] These facts show that the mere existence of unused physical capacity does not equal usable capacity because production is constrained by other factors.

B. There is No Evidence of Any Significant Increase in Capacity in Mexico

Nucor and CMC allege that there has been a significant increase in Mexican wire rod capacity which has not been reported to the Commission. Specifically, Nucor and CMC point to

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[3] Hr'g Tr. at 112-113 (Jennifer Lutz); Hr'g Tr. at 129 (Fernando Villanueva); Hr'g Tr. at 139 (Antonio Guerra); Hr'g Tr. at 142 (Fernando Villanueva).
[4] *See* Prehearing Brief of Deacero at 27 (Jun. 9, 2020); Deacero's Foreign Producer Questionnaire at II-11.
[5] At the hearing, the U.S. industry suggested that any supply disruptions in 2018 were short lived and the result of overbuying immediately after imposition of Section 232 tariffs. The data related to Section 232 exclusions does not support this, as exclusions for subject wire rod continued to be requested and granted through the second half of 2019 and first half of 2020. *See* **Exhibit 1** – 232 Exclusion Details.
[6] **Exhibit 1** – 232 Exclusion Details.

articles and internet posts to contend that Grupo Simec has had a "massive" capacity expansion for wire rod and that ArcelorMittal and Talleres y Aceros ("TYASA") have also increased capacity.[7] These allegations are unfounded.

As discussed in Deacero's prehearing brief, the very reports and sources cited by Nucor and CMC confirm that any new investments by these companies are not directed to wire rod.[8] First, Grupo Simec's annual report and the internet articles cited by Nucor and CMC indicate that the new facility in Tlaxcala is primarily for the production of SBQ steel bars, not wire rod.[9] Grupo Simec [

].[10] Similarly, new investments made by ArcelorMittal and TYASA are not primarily directed to wire rod.[11]

For these reasons, Petitioners' concerns regarding idle capacity in Mexico are either grossly overstated or mischaracterized and the Commission should continue to rely on capacity data collected by the Commission staff to analyze wire rod capacity of producers in Mexico.

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[7] *See* Prehearing Brief of Nucor at 8.

[8] *See* Prehearing Brief of Deacero at 7 and Exhibit 9; Confidential Prehearing Report ("CR") at IV-36 n.2; Public Prehearing Report ("PR") at IV-36 n.2.

[9] *See* Prehearing Brief of Deacero at Exhibit 8; Nucor Prehearing Brief at Exhibit 1 (Jun. 9, 2020) ("Grupo Simec… will continue to improve production and plant completion in order to reinforce the facility's leading position in Mexico, as a unique producer and processor of special quality bar steels…"); Nucor Prehearing Brief at Exhibit 3 ("reinforcing the plant's leading position in Mexico, as a unique producer and processor of special quality bar steels…").

[10] **Exhibit 2** – Statement of [ ] of Grupo Simec

[11] *See* Prehearing Brief of Deacero at 7, n.24 and Exhibits 8 and 9; Officials from ArcelorMittal have indicated that they would be open to addressing any such questions.

III. DEACERO'S DEVELOPMENT OF 4.4 MM AND 4.75 MM WIRE ROD DO NOT EVIDENCE AN ORIENTATION TO THE U.S. MARKET AND HAVE NOT NEGATIVELY IMPACTED THE U.S. INDUSTRY

A. Deacero's Development and Sales of Smaller-Diameter Wire Rod Are a Response to Customer Requests and Demand, Not Increased Interest in the U.S. Market

Petitioners point to the fact that Deacero shipped 4.4 mm and 4.75 mm diameter wire rod to suggest that Deacero was desperate to access more of the U.S. market and evade antidumping duties. This is not the case. As discussed by Deacero witnesses during the hearing, Deacero developed the smaller diameter wire rod following specific requests made by customers and in reliance on the explicit scope language in the original antidumping duty order that specified the precise diameters of the subject wire rod.[12] Notably, these smaller diameter products offer downstream producers numerous commercial advantages, such as more efficient production of downstream products and reduced capital expenditures. The significant cost savings achieved from utilizing the smaller diameter wire rod, as well as the changes in production techniques allowed by using the smaller diameter wire rod, are attractive to the small subset of customers which have sought out the product.[13] Data collected from purchaser questionnaires, which are

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[12] With respect to the 4.75 mm diameter wire rod, Deacero was initially approached by [ ] regarding customer interest in smaller diameter products. Following additional conversations with several producers, Deacero determined that there was a portion of the market which was not being fulfilled by domestic producers. Further, the majority of the sales of these small diameter products were made to longstanding clients of Deacero for other products such as [ ]. *See, e.g.*, **Exhibit 3** – Statements of [ ], [ ] and [ ], originally included in a Letter from White & Case LLP to Sec'y Commerce, *Re: Carbon and Certain Alloy Steel Wire Rod from Mexico – Response by Deacero S.A. De C.V. and Deacero USA, Inc. to the Department's June 1, 2011, Minor Alteration Questionnaire*, (Jul. 22, 2011) ("Minor Alteration Questionnaire Jul. 22, 2011") at Exhibits 9 & 11; **Exhibit 4** – [ ], originally included in Letter from Greenberg Traurig to Sec'y Commerce, Re: *Response to Minor Alteration Questionnaires*, (Apr. 6, 2018) ("Minor Alteration Questionnaire Apr. 6, 2018") at Exhibit 14.

[13] *See* **Exhibit 3**. Please note that the calculations in Exhibit 3 make use of U.S. apparent consumption estimates from [ ]. These estimates do not match the Commission's apparent consumption calculations for the same time periods, which appear in Appendix C to the Prehearing Staff Report. The [ ] the share of the U.S. market held by Deacero's exports of 4.75 mm wire rod during those periods.

discussed in detail in the response to Commissioner Question 3 below, indicates these smaller diameter products are not generally interchangeable with 5.5 mm diameter wire rod (which represents the next commercially available diameter) and that smaller diameter products provide significant technical advantages for producers of finer-diameter wire and related end products.[14]

Further, the U.S. industry's assertion that Deacero's smaller diameter products were created for the purpose of surreptitiously accessing the U.S. market is belied by the fact that these smaller diameter products appear to have been produced by at least one U.S. producer at the time when the petition was filed and have been imported to the U.S. from producers in non-subject countries.[15] In addition, several of the U.S. purchasers of lower-diameter wire rod products [

].[16] This shows that purchases of 4.75 mm and 4.4 mm wire rod from Mexico were not simply a means of avoiding duties.

B. The Commission Has Previously Afforded Minimal Weight to the Presence of Smaller-Diameter Wire Rod Products in Sunset Reviews

The Commission has previously considered the issue of out-of-scope smaller-diameter wire rod products. Although [

[14] A detailed discussion of specific purchaser preferences and examples of circumstances where smaller-diameter wire rod is preferable are provided in the response to Commission Question #3.

[15] In 1978, Charter Steel "became the first mill in the world to produce 4 millimeter wire rod." *See* **Exhibit 5** – Charter Steel Webpage, Deacero's Minor Alteration Questionnaire Apr. 6, 2018 at Exhibit 30. *See also* **Exhibit 6** – Nippon Steel Webpage describing the advantages of small diameter wire rod, as provided in Letter from Greenberg Traurig to Sec'y Commerce, *Re: Response to Minor Alteration Questionnaire Questions 17-24 and 30-34*, (Apr. 11, 2018) ("Minor Alteration Questions 17-24 and 30-34") at Exhibit 25.

[16] *See, e.g.* [ ] Purchasers' Questionnaire Response at III-10

][17] The Commission's report [

], with the report stating:

[

][18]

Thus, the domestic industry made [

][19] Notably, [

][20]

Thus, the record in this and prior reviews continues to demonstrate that smaller diameter wire rod is in demand in the U.S. market and the benefits of smaller diameter wire rod are widely acknowledged by U.S. customers. Limitations on substitutability between wire rod larger than 5.0 mm with smaller diameters support the conclusion that customers' requests for 4.75 mm and 4.4 mm wire rod from Mexico were not simply a means of avoiding duties.[21]

Moreover, Section 232 exclusion data from the past year reveals that U.S. purchasers requested and received exclusions for wire rod under 4.9 mm in diameter, making clear that

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[17] *Carbon and Certain Alloy Steel Wire Rod From Brazil, Canada, Indonesia, Mexico, Moldova, Trinidad and Tobago, and Ukraine*, Inv. Nos. 701-417 and 731-TA-953, 954, 957-959, 961, and 962 (Review), Prehearing Staff Report at IV-55, fn. 43.
[18] *Id.*
[19] *See generally Carbon and Certain Alloy Steel Wire Rod from Brazil, Canada, Indonesia, Mexico, Moldova, Trinidad and Tobago, and Ukraine*, Inv. Nos. 701-TA-417 and 731-TA-953, 954, 957-959, 961, and 962 (Review), USITC Publication 4014, May 2008.
[20] *See* [ ] Purchasers' Questionnaire Response at III-10.
[21] *See* discussion in response to Commissioner Question #3.

smaller diameter wire rod products fill specific purchaser needs that the domestic industry is unwilling and/or unable to supply.[22] Deacero's limited sales of these products have not and will not injure the U.S. industry.

C. Mexican Imports of Smaller Diameter Wire Rod Have Not Impacted the U.S. Industry

To the extent imports of smaller diameter wire rod from Mexico did enter the U.S. market during this POR and during the POR of the prior review, those imports demonstrate that, even when not subject to an order, volumes of those products were modest both in absolute volume and as a share of apparent U.S. consumption. Even at their highest points, imports of 4.75 mm and 4.4 mm wire rod never reached even the lowest levels of imports from Mexico observed during the POI and as a share of apparent U.S. consumption were [ ] percent for [ ] in which smaller diameter wire rod from Mexico was present in the U.S. market.[23]

Furthermore, it is notable that despite the domestic industry's suggestion that the smaller diameter wire rod imports provide evidence of the Mexican industry's likely behavior absent the order, it has not identified even a single injurious effect of the imports. Therefore, even if the Commission accepts the argument that these imports signify likely Mexican industry behavior if the order is revoked, it should still find that the imports would not be injurious to the domestic industry.

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[22] **Exhibit 1** – 232 Exclusion Details.
[23] *See* Response to Commissioner Question #11.

IV. MEXICO SHOULD BE DECUMULATED

A. Mexico is Not Export Oriented and Has High Capacity Utilization Compared to Other Countries

Mexico has maintained generally high levels of capacity utilization throughout the POR, which clearly set it apart from other subject countries. Although Petitioners make much of supposed unreported excess capacity (as we have addressed above), the fact remains that Mexican capacity utilization for wire rod has remained consistently [ ]: the Mexican industry's wire rod capacity utilization was [ ].[24] In contrast, Brazil's capacity utilization levels [ ] from [ ] and the Brazilian industry [ ] its reported wire rod capacity during the POR.[25] Further, the record indicates that while the mill for wire rod production in Trinidad & Tobago is currently idle, there are buyers actively interested, the mill could come back online within six months, and that most wire rod produced would be exported to the U.S. market.[26] This presence of excess capacity and limited home market sales in these markets make them very different from Mexico.

Commissioner Johanson previously recognized the importance of these factors in his well-reasoned dissent in the second sunset review of wire rod from Mexico.[27] Specifically, Commissioner Johanson found the high capacity utilization rates of the Mexican industry during the period of the initial investigation as well as the first and second reviews to be a key factor supporting decumulation (and a finding of no likelihood of recurrence of material injury) in the second review.[28] Capacity utilization rates in this POR are [ ] from the second

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[24] CR at IV-39 and IV-40; PR at IV-39 and IV-40. Further, the capacity utilization calculations do not include data provided by [ ] If [ ] data are incorporated into the capacity utilization calculations, the Mexican industry has [ ] utilization levels of [ ] percent for wire rod.
[25] CR at IV-25 and IV-26; PR at IV-25 and IV-26.
[26] Hr'g Tr. at 59-61.
[27] Dissenting Views of Johanson (Second Review), USITC Pub. 4472.
[28] *Id.* 56-57

review. With [ ] data incorporated into the capacity utilization calculations, capacity utilization levels during the POR ranged from [ ] percent overall and [ ] percent for wire rod.[29]

In addition, Commissioner Johanson noted that the Mexican industry had a low degree of export orientation. During this POR, exports accounted for [ ] of Mexico's shipments of subject wire rod, totaling [ ] percent of total shipments, which is [ ] with the rates found during the second review.[30]

Further, although Petitioners suggest the "focus on Deacero . . . is misplaced,"[31] it is important to remember Deacero accounted for [ ] of reported wire rod production in 2019[32] and was the [ ] to the United States during the POR. Deacero occupied a [ ] portion of the market during the second sunset review, as acknowledged in Commissioner Johanson's dissent.[33] Thus, it is likely that factors that apply to Deacero will remain consistent and apply to the Mexican market generally.[34]

B. Trade Restraints in Mexico Set Mexico Apart from Other Subject Countries

Mexico is unique among subject countries in its commitment to fair trade and enforcement of antidumping laws that protect its domestic industry. This means the Mexican steel industry is unlikely to be injured by an influx of dumped products from other countries and will not face pressure to lower prices in any of its markets. Unlike other subject countries,

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[29] *Cf.* Deacero's Prehearing Brief at Exhibit 7 *with* Dissenting Views of Johanson (Second Review), USITC Pub. 4472 at 56.
[30] *Cf.* CR at IV-39; PR at IV-39 *with* Dissenting Views of Johanson (Second Review), USITC Pub. 4472 at 56-57.
[31] Hr'g Tr. at 89.
[32] CR at IV-36; PR at IV-36.
[33] *Cf.* Deacero's Foreign Producer Questionnaire at II-11 *with* Dissenting Views of Johanson (Second Review), USITC Pub. 4472 at 57.
[34] It is these two factors – high capacity utilization and low export orientation – that served as key foundational elements in Commissioner Johanson's dissent. As discussed in detail in the response to Commission Question 6 below, the role of ArcelorMittal's operations in Mexico was not a significant factor in the reasoning in support of decumulation and any changes should not impact the Commission's cumulation analysis during this review.

Mexico has imposed antidumping duties on wire rod and on downstream wire products.[35] These duties have been successful in protecting the Mexican wire rod industry from unfair trade and minimizing the volumes of wire rod imports, particularly with respect to China, the largest wire rod exporter in the world.

Further, Mexico's trade relationship with the United States, especially the Joint Agreement regarding the removal of Section 232 duties on steel imports, sets Mexico apart from the other subject countries. Under the Joint Agreement, any surges in the volume of steel imports beyond historic levels will result in the re-imposition of 25 percent duties on steel imports from Mexico. As Mr. Gerardo Lameda, Head of the Office of the Secretary of the Economy at the Mexican Embassy in Washington, testified, the Mexican and U.S. governments have taken steps to monitor steel imports pursuant to the Joint Agreement.[36]

Contrary to Petitioners' assertions, the U.S. government is closely monitoring imports of products subject to the Section 232 agreements and has made clear it is willing to re-impose tariffs if needed. Earlier this month, U.S. Trade Representative Robert Lighthizer testified before Congress that "[t]here have been surges in steel and aluminum, substantially from Canada, some from Mexico," and that his office was looking into potential surges and they were a "genuine concern."[37] Further, public sources indicate the Administration is poised to re-impose tariffs on aluminum from Canada in response to recent surges.[38] This makes clear that the U.S.-Mexico Joint Agreement has created a real, concrete threat of the re-imposition of 232 duties in the event

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[35] **Exhibit 7** – Summary of Mexican AD Orders and Rates.
[36] Hr'g Tr. at 10 (Gerardo Lameda).
[37] **Exhibit 8** – Inside U.S. Trade, *U.S. Discussing Steel, Aluminum Import Surges with Mexico and Canada*, (Jun. 18, 2020), https://insidetrade.com/daily-news/us-discussing-steel-aluminum-import-surges-mexico-and-canada (last accessed June 24, 2020).
[38] **Exhibit 9** - Joe Deaux & Jenny Leonard, *U.S. Poised to Slap 10% Tariff Again on Aluminum From Canada*, Bloomberg (Jun. 22, 2020), https://www.bloomberg.com/news/articles/2020-06-23/u-s-set-to-announce-aluminum-tariffs-on-canada-by-end-of-week (last accessed June 24, 2020).

of a surge in volumes of steel imports, which incentivizes Mexican producers to maintain historically low volumes of imports.[39]

C. Wire Rod from Mexico Faces Higher Shipping Costs

As noted in the hearing, Mexican producers' ability to sell wire rod in certain sections of the U.S. is restricted by the prohibitive cost of land shipments. As a Deacero witness testified at the hearing, shipments from Mexico to the U.S. must be via truck or rail, and the cost (in dollars/ton) to ship wire rod from Mexico by truck or rail to a given point in the United States is often much more than the cost to ship via ocean vessels from China or Europe to the same U.S. destination. As summarized in the response to Commissioner Question 4, on a per-ton basis, the cost of land shipments from Mexico is often more than [ ] of what it costs to ship products from Asia or Europe.[40] Given the geographic location of the other subject countries in this review, producers in those markets are able to utilize maritime transportation for the vast majority of their products' journey to the U.S. Freight cost restraints associated with land transportation are unique to Deacero and set Mexico apart from the other subject countries.

D. Demand in the Mexican Home Market is Expected to Remain Stable

There has been significant growth in downstream industries in Mexico in the 18 years since the original investigation, particularly in the auto and construction sectors, and demand in these sectors is expected to remain stable despite the current COVID-19 pandemic and related

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[39] *See* CR at I-22 (Table I-7) and I-18 (Table I-3); PR at I-22 (Table I-7) and I-18 (Table I-3). The 25 percent Section 232 duties on steel serve as a particularly effective deterrent for the Mexican industry because such duties are significantly higher than the calculated dumping margins for producers/exporters from Mexico in Commerce's original investigation and subsequent administrative reviews, and higher than Deacero's margins in four of the past five administrative reviews. To the limited extent that Mexican producers' antidumping duty rates were higher than 25 percent, this was a result of the application of adverse facts available ("AFA") by Commerce on Ternium in the 2016-2017 POR and Deacero in the 2014-2015 POR, and these rates do not necessarily indicate actual margins associated with sales in the Commerce's decision to apply an AFA rate to Deacero, and the exact AFA rate, is the subject of an appeal currently before the Federal Circuit.

[40] *See* Response to Commissioner Question #4.

economic downturn. Notably, the Government of Mexico considers construction and automobile manufacturing to be "essential" activities, and both industries have been allowed to operate since mid-May.[41] The dramatic drop in auto production cited by Nucor in its pre-hearing brief[42] paints a misleading picture of the Mexico auto industry by focusing on a narrow set of data. In reality, the auto industry in Mexico experienced a short-lived drop in production necessitated by Mexico's COVID-19 pandemic and safety-related shutdowns, but has already reopened and picked up production.

Mexico's construction industry is also well-positioned to weather any economic downturn without a significant drop in demand, due to the presence of significant investments and spending by the Mexican government. Notable projects that are expected to continue as planned include a 1,500 km Mayan train and construction of the Felipe Ángeles International Airport in Santa Lucía, among others.[43]

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[41] **Exhibit 10** – Government of Mexico, *La Nueva Normalidad – Estrategia de Reapertura de las Actividades Sociales, Educativas y Economicas*, at 4 and 10 (confirming construction and auto manufacturing are considered "essential activities" and are allowed to be in operation during even the early and most restrictive stages of Mexico's reopening).

[42] *See* Prehearing Brief of Nucor at 15-16 and Exhibit 40.

[43] **Exhibit 11** – Camara Mexicana de la Industria de la Construccion, *Maya Train Starts with 100 Thousand Jobs*, (May 19, 2020), https://www.cmic.org/arrancan-tren-maya-con-100-mil-empleos/ (last accessed June 24, 2020); Camara Mexicana de la Industria de la Construccion, *Sedena Reports Physical Progress of Almost 20% in Saint Lucia*, (May 19, 2020), https://www.cmic.org/sedena-reporta-avance-fisico-de-casi-20-en-santa-lucia/ (last accessed June 24, 2020); Camara Mexicana de la Industria de la Construccion, *150 Housing Works Will be Reactivated After Contingency*, (June 18, 2020), https://www.cmic.org/se-reactivaran-150-obras-de-vivienda-tras-contingencia/ (last accessed June 24, 2020); Camara Mexicana de la Industria de la Construccion, *List 10 Firms from Michoacan to Build the Distributor Mil Cumbres*, (May 19, 2020), https://www.cmic.org/listas-10-firmas-michoacanas-para-construir-el-distribuidor-mil-cumbres/ (last accessed June 24, 2020); Camara Mexicana de la Industria de la Construccion, *Jalisco Tenders 80 Public Works Projects*, (June 17, 2020), https://www.cmic.org/jalisco-licita-80-proyectos-de-obra-publica/ (last accessed June 24, 2020); Camara Mexicana de la Industria de la Construccion, *Reconstruction Program Earmarks 2,000 MP for Puebla in 2020: SEDATU*, (June 17, 2020), https://www.cmic.org/programa-de-reconstruccion-destina-2-mil-mdp-para-puebla-en-2020-sedatu/ (last accessed June 24, 2020) (collectively, the "Construction Industry Articles").

E. Demand in Mexico's Export Markets is Expected to Remain Stable

As Petitioners acknowledged at the hearing, manufacturing of downstream finished products that utilize wire rod has increasingly shifted to third-country markets.[44] Thus, it is likely those markets will remain open to Mexico's limited exports. Notably, the April 2020 "World Economic Outlook" forecast published by the International Monetary Fund (IMF) indicates that [ ], are actually projected to have a stronger recovery in their GDP than Mexico or the United States by 2021.[45] Thus, while the COVID-19 pandemic has certainly impacted the global economy, the data on Mexico and Mexico's third-country markets do not exhibit any indications that the U.S. will become a comparatively more attractive market in the next few years due to economic conditions.

V. CONCLUSION

For these reasons as well as those discussed in our prehearing brief, the Commission should determine that revocation of the antidumping duty order on wire rod from Mexico would be unlikely to lead to a continuation or recurrence of material injury to the domestic industry.

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[44] Hr'g Tr. at 66.

[45] **Exhibit 12** – International Monetary Fund, *World Economic Outlook Update*, (April 2020) (as updated June 2020).

Respectfully submitted,

/s/ Rosa S. Jeong

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RESPONSES TO COMMISSIONER QUESTIONS

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RESPONSES TO COMMISSIONER QUESTIONS

COMMISSIONER QUESTION #1:

COMMISSIONER KEARNS (p. 43, lines 16-25): "I'm wondering if you all can send more about how we should look at COVID-19. You know, as I think your brief points out, it seems there are kind of two dimensions to it, both the U.S. market but then also relative differences between the U.S. market and other markets. And if other markets right now are more dependent -- I mean if other producers in other countries, subject import countries, are more dependent on other markets, then we should be analyzing that as well. So, if you have any thoughts on that post-hearing or now, I'd appreciate it."

RESPONSE: The COVID-19 pandemic has significantly impacted the global economy and suppressed demand and economic growth across many industrial sectors. However, with respect to wire rod in particular, especially Mexican wire rod, the Commission should not assign too much value to the potential impact of the pandemic. This due in large part to the nature of the downstream industries likely to use wire rod – most notably, construction, auto manufacturing, and agriculture – and the fairly limited impact COVID-19 is expected to have with respect to those industries. As discussed in the responses to questions 2 and 4 below, the dramatic drop in auto production cited by Nucor in its prehearing brief is misleading and the auto industry in Mexico is not expected to see a significant drop in demand. In addition, the construction industry is expected to benefit from the Government of Mexico's commitment to fund various infrastructure projects during these uncertain economic times.[46]

Further, while the relative impact of the COVID-19 pandemic in various countries is subject to "a higher-than-usual degree of uncertainty,"[47] to the extent projections are available, the third-country markets in Latin America in which Deacero is most active are not projected to be as hard hit as the U.S. and Mexico with respect to overall percentage change in GDP by

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[46] **Exhibit 11.**

[47] International Monetary Fund, *World Economic Outlook Update, June 2020*, https://www.imf.org/en/Publications/WEO/Issues/2020/06/24/WEOUpdateJune2020 (last accessed June 25, 2020).

2021.[48] For these reasons, it is unlikely that the COVID-19 pandemic will have significant and/or long-lasting impacts on wire rod markets in the U.S., Mexico, or Latin America.

[48] **Exhibit 12.**

COMMISSIONER QUESTION #2:

COMMISSIONER KEARNS (p. 44, lines 1-5): "And I'm going to also ask the Respondents to comment on the Nucor brief that pointed out, if I remember right, I think auto production in Mexico is down 99 percent I think is what the brief said. So any thoughts on that now or post-hearing."

RESPONSE: Nucor cited an article in its prehearing brief that very dramatically stated that "*Auto production collapses by 99% in Mexico and Brazil due to coronavirus.*"[49] A review of the article, however, shows that it refers only to production in the month of April. The article also notes that the automotive industry was tentatively expected to restart on May 18, 2020.[50] According to the data source cited in the article, the Mexican statistical agency INEGI,[51] automotive production in Mexico did fall by 99 percent in April but increased in May six-fold over those sharply reduced numbers.

According to the reopening plan prepared by the Mexican government, "Stage 2, preparation for general reopening" includes the classification of construction and automotive production as essential activities.[52] These industries were expected to begin the process of reopening, establishing safety protocols, and worker training during the May 18-31 time period. The rapid improvement in automotive production in May occurred even though the industry did not restart until the second half of the month, and only after the establishment of sanitary protocols, worker training, readjustment of spaces and production processes, and introduction of filters for workplace sanitation. While automotive production remained below "normal" levels in May, the data demonstrate that the shutdown was temporary, and that the industry is recovering quickly.

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[49] *See* Prehearing Brief of Nucor at Exhibit 40.
[50] *Id.*
[51] INEGI, *Administrative Record of the Light Vehicle Automotive Industry*, https://en.www.inegi.org.mx/datosprimarios/iavl/ (last accessed June 24, 2020).
[52] **Exhibit 10.**

COMMISSIONER QUESTION #3:

COMMISSIONERS STAYIN AND KARPEL (p. 136, lines 13-25; p. 137, lines 1-12): "Commissioner Stayin: Just one question. My time has run out, but was there a request made to your company for that wire or did your company just develop it?

Mr. Villanueva: No, there was a request, it was customer driven, sir. It took us a lot of time to develop that wire rod because just like the Nucor guy said, it is very unproductive and our engineers were able to manufacture the 4.75 wire rod in a very productive way.

Commissioner Stayin: All right. Thank you very much. My time is up.

Chairman Johanson: Commissioner Karpel?

Commissioner Karpel: Thank you. Just following up on what Mr. Villanueva was saying, I found it an interesting discussion. Is there something you can put in writing on the record to support that discussion? I think that would be helpful to us. We of course can use the transcript as we're considering this information further, but in terms of the process and the benefit for your customers and also the information in response to Commissioner Stayin's question that these were developed per a specific customer request, and it took a while afterwards. If you could sort of show that time line, maybe show that customer request, sort of build up some documentation to support your testimony, Mr. Villanueva, I think that would be helpful for us to have."

RESPONSE: The requested information for each of the smaller diameter wire rod products is provided below.

4.75 mm Wire Rod – The 4.75 mm wire rod product was developed and manufactured before the antidumping order on wire rod from Mexico entered into effect to enable users of wire rod to manufacture products that they would not otherwise be able to produce and reduce production costs. Because of these commercial benefits, 4.75 mm wire rod was sold in the U.S. market well before Deacero began to produce it and Deacero decided to produce 4.75 mm wire rod only after receiving requests from U.S. customers. Deacero also consumes 4.75 mm wire rod for its own production of wire, and sells this product to customers in Mexico and third country markets.

Having received requests from customers, Deacero saw the opportunity to sell a profitable, niche product that was not produced by the domestic industry at that time.[53] The production teams at Deacero's wire rod mills worked for months to manufacture the product. While Deacero ultimately succeeded in manufacturing the 4.75 mm wire rod with the quality that customers demanded, it was not easy to do. The seemingly small difference in diameter between 4.75 mm wire rod and 5.5 mm wire rod results in many manufacturing difficulties, and this presumably is why U.S. producers are not responding to customer requests for this product.

a) Differences in Production Process

A general description of the manufacturing process for wire rod is provided in the prehearing report.[54] In summary, wire rod is produced using the hot-rolling process, which starts with the selections of billets, the heating of the billets, and the progression of the heated billets through a series of stands, finishing blocks, and dies. The product is then run through a controlled cooling system, passing through water tanks. Then the wire rod is run through a laying head which forms the wire rod into loops to be made into coils. The process is finished by placing the wire rod on a conveyor belt to further control the cooling process and then taken to a reforming tube, where loops fall by gravity to form a coil.

In producing the 4.75 mm product, several adjustments to this process must be made. Deacero must use [ ] than in the production of wire rod at greater diameters. Additionally, the [ ]. Next, in order to produce 4.75 mm wire rod, [

[53] In response to the Commission's questionnaire, purchaser [ ]. *See* [ ] Purchasers' Questionnaire Response at III-16 (emphasis added).

[54] CR at I-31 – I-35; PR at I-31 – I-35.

].[55]

b) 4.75 mm Wire Rod Development

Deacero learned initially about 4.75 mm wire rod from its customers for other products, first from the [

].[56] [

].[57] [

].[58] Deacero's plants were fully booked and were not in a position to develop a new product at that time.[59] In 2008 Deacero determined that the potential market demand for 4.75 mm wire rod justified making an effort to develop the product.[60]

The development process for the 4.75 mm wire rod involved the [

]. This process took [ ] to refine and [

] to adjust following feedback from customers. Deacero then made its first sale of 4.75 mm wire rod in the United States on [ ] and its first sale of 4.75 mm wire rod in Mexico on [ ].

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[55] **Exhibit 13** – Statements of [ ] and [ ], originally provided as Exhibit 12 to Minor Alteration Questionnaire Jul. 22, 2011.
[56] **Exhibit 3** – Statement of [ ], originally provided as Exhibit 11 to Minor Alteration Questionnaire Jul. 22, 2011.
[57] *Id.*
[58] *Id.*
[59] *Id.*
[60] *Id.*

c) Advantages of 4.75 mm wire rod

Deacero's production of 4.75 mm wire rod has benefited Deacero as a wire producer that internally consumes this product. These benefits include the following:

- [ ].[61]
- [ ].
- [ ].
- Using 4.75 mm wire rod leads to [ ].
- 4.75 mm wire rod can be used in [ ].

Deacero's customers report similar advantages of using 4.75 mm wire rod with a, including the cost savings and production benefits. These include using [ ] to make products with 4.75 mm wire rod that cannot be made with 5.5 mm wire rod.[62] Additionally, using 4.75 mm wire rod enables customers to [ ] that are not possible with 5.5 mm wire rod.[63] Customers also cited that [ ] is required for 4.75 mm wire rod used for certain applications, which leads to a significant reduction in cost.[64] Finally, using 4.75 mm wire rod achieves a

[61] **Exhibit 14** – Report Describing the Advantages of 4.75 mm wire rod prepared by [ ], originally provided as Exhibit 19 to Minor Alteration Questionnaire Jul. 22, 2011.
[62] **Exhibit 15** – Statements of [ ], originally provided as Exhibit 18 to Minor Alteration Questionnaire Jul. 22, 2011.
[63] *Id* at [ ].
[64] *Id.* at [ ].

[ ] because it requires the use of [ ].[65]

4.4 mm Wire Rod – The following section provides information on the market research, product development (R&D) initiatives, customer requests, and benefits of the 4.4 mm product produced by Deacero. As described below and supported by statements provided in **Exhibit 16**[66], the development of the 4.4 mm diameter wire rod involved more than changing [ ] from those used for 4.75 mm or 5.5 mm wire rod. Rather, it required the development of entirely different inputs and extensive changes and testing in the production process.

a) Production of Smaller Billets

As discussed in **Exhibit 13**, the development of the 4.4 mm wire rod was preceded by an earlier development of a smaller size billet – [ ] billet. Most other wire rod products, including 4.75 mm and 5.5 mm wire rod, are produced using the [ ] size billets. The [ ] billet was not initially developed for the purposes of producing 4.4 mm wire rod and is used for various different products such as merchant bars, rebar and profiles. However, the [ ] billet is directly related to and was a prerequisite for the development and production of the 4.4 mm wire rod because larger size billets cannot be used to produce wire rod with such a narrow diameter as 4.4 mm. The development of [ ] billet was an important technological breakthrough for Deacero.

The efforts to produce [ ] billets began at the Celaya mill in [ ] and entailed the following:

- A feasibility study was performed to see if [ ] required for [ ] billets. In particular, [ ] billets required

[65] *Id.* at [ ].

[66] Statements of [ ] originally provided as Exhibit 18 to Minor Alteration Questions 17-24 and 30-34.

[ ] – [ ].

- Producing [ ] billets required extensive adjustment to [ ].

Without the [ ] billets, the development and production of the 4.4 mm wire rod would not have been possible. The production of [ ] billets at the Celaya mill began in [ ].

b) Customer Request

Production of the 4.4 mm wire rod was initiated pursuant to [ ]. Around [ ], Deacero USA personnel first heard from [ ].[67] Deacero USA sales personnel approached the plant to see if it was possible to produce such a product that could [ ]. The solution was to make a smaller diameter wire rod because if the wire drawers start from a smaller diameter they can use [ ] wire rod in their processes to achieve an end product with enhanced mechanical properties and improvements in productivity for the customer, as well as potential savings in cost.

c) Development and Testing Phase

[67] *See* **Exhibit 17** – Statement of [ ], originally provided as Exhibit 23 to Minor Alteration Questions 17-24 and 30-34.

Deacero began the development and testing of the 4.4 mm wire rod in [ ]. This process involved the [ ]. Several issues arose during the production process and it took Deacero [ ] to develop the capability to produce 4.4 mm wire rod that met its customers' specifications in a cost-effective way. Following the initial development phase, it took Deacero [ ] to fine tune the process based on customer feedback.

d) Differences in the Production Process for 4.4 mm Wire Rod

The production process to produce wire rod with a diameter of 4.4 mm differs from the production process for wire rod with diameters between 4.75 and 19.0 mm. First, for 4.4 mm wire rod, [ ] billets are used. For larger diameter wire rod, [ ] billets are used. [ ] billets are produced using different [ ]. Second, 4.4 mm wire rod must [ ]. Another significant difference in the production of 4.4 mm wire rod is the [ ]. Two of the most important factors to be [ ] are (1) the [ ], and (2) the [ ]. Each of these factors must be carefully adjusted in order to produce the 4.4 mm wire rod.

e) Advantages of 4.4 mm Wire Rod

From the perspective of Deacero as a producer, the advantages of producing 4.4 mm wire rod include serving Deacero's customer base and increasing profits by selling a niche product that is not produced by the domestic industry. 4.4 mm wire rod is also sold at a premium.[68]

[68] **Exhibit 18** – Chart of Deacero sales from 2014-2017 (showing sales of 4.4 mm wire rod was sold at a premium on an AUV yearly basis compared to 5.5 mm wire rod products).

Deacero has sold the 4.4 mm wire rod to several customers and [ ] of these customers have provided information regarding the benefits and difficulties of using 4.4 mm wire rod.[69] Deacero's customers have sought to purchase 4.4 mm wire rod because of the significant benefits of this product in their production of downstream wire products. The several key advantages identified by customers of purchasing and using 4.4. mm wire rod in their production process are as follows. First, using the 4.4 mm wire rod enables customers to achieve physical characteristics in the finished wire and produce certain products that are not possible with larger diameter wire rod. These include the ability to use a [ ] and achieve [ ].[70] End products for which these properties are particularly suited include [ ].[71] Second, using the 4.4 mm wire rod reduces the processing steps and saves costs. Drawing wire to a [ ] can be achieved with [ ].[72] This also allows users to [ ].

[69] **Exhibit 19** – Statements by [ ] and the other [ ] customers, originally provided as Exhibit 24 to Minor Alteration Questions 17-24 and 30-34.
[70] *See* **Exhibit 19** – Statement of [ ], originally provided as Exhibit 25 to Minor Alteration Questions 17-24 and 30-34.
[71] *Id.*
[72] *Id.* Statements of [ ].

COMMISSIONER QUESTION #4:

COMMISSIONER KARPEL (p. 143, lines 4-15): "Thank you. That actually brought me around to my last two seconds of questioning time to something I wanted to follow up with you about your discussion about relative transportation costs from Mexico to various places in the U.S. versus the cost from other markets to the U.S. I guess I was surprised by that. I would think that Mexico being so close would have the lowest transportation costs. So my time is almost up but maybe for post-hearing if you have any sort of additional discussion of information you can provide that supports that assertion, that could be helpful to us."

RESPONSE: As summarized in the chart below, shipments from Mexico, whether by truck or rail, are significantly more expensive, on a per-ton basis, than shipments from overseas countries such as Turkey or Asia. For instance, even for Houston, which is relatively close to Mexico, rail shipments from Mexico cost nearly [ ]% more than vessel shipments from Europe and nearly [ ]% more than shipments from Asia. These cost differences are larger for truck shipments and for other destinations, with shipments from Mexico costing [ ] of those from Asia or Europe. These freight costs constrain Deacero's ability to sell to many parts of the U.S. market.

Shipment Costs in $USD/metric ton

			Destination Port:					
			Chicago	**New Orleans**	**Houston**	**Baltimore**	**Los Angeles**	
Mode of Transport:	*Origin:*							
Vessels of 20K ton	**Turkey/Europe**	[	$	$	$	$	$	]
	China/Asia	[	$	$	$	$	$	]
Rail of 85 ton	**Celaya Mexico**	[	$	$	$	$	$	]
Truck of 20 ton	**Celaya Mexico**	[	$	$	$	$	$	]

Notes:

1) Maritime freight costs are calculated based on market prices on June 24, 2020, using data from Maritime Brokers & Consultants (http://www.marbrokers.com/), a recognized freight broker in the international market.

2) Reported maritime and rail freights do not include discharge operation costs, which are roughly the same for both modes of transportation (approximately [ ]).

3) For shipments destined for Chicago from Europe and Asia, costs are calculated via NOLA. In some cases costs associated with intermediary unloading/loading operations from vessel to barge in NOLA may be added (approximately [ ]).

Due to these freight cost restraints, Deacero cannot reasonably ship its products to certain geographic markets in the United States and cannot compete with producers from the United States and most third countries for sales in those markets.

COMMISSIONER QUESTION #5:

CHAIRMAN JOHANSON (p. 144, lines 6-8; p. 147, lines 8-12): "In your brief you have a chart in Exhibit 12 that shows restart dates for many U.S. auto plants. Would you be able to find something similar for Mexican auto plants? .... Okay. Thank you for your information. Any other material you can provide will be useful, specifically for the auto sector, but other parts of the economy as well. I would welcome any information about that. Thank you."

RESPONSE: The chart in Exhibit 12 to the Deacero prehearing brief showing the restart dates for many U.S. auto plants was published in the [ ]. Deacero is not aware of a similar chart showing Mexican automotive plants. However, as noted above in response to question 2, the automotive industry was expected to restart on May 18, 2020 and the Mexican government data showed a strong recovery in automotive production volumes in the month of May. For example, Fiat Chrysler, BMW AG, General Motors Co., Toyota Motor Corp., Nissan Motor Co., and Honda Motor Co. have restarted production throughout their plants in Mexico.[73] This notable improvement in production volume occurred despite automotive production being halted for more than half of the month.

The Government of Mexico has prepared a document outlining the reopening of the Mexican economy, describing the stages of recovery.[74] The resumption of construction activities and automotive manufacturing are included in Stage 2, which established these sectors as essential, with restart scheduled to begin May 18-31. These industries were expected to resume production after establishing safety protocols. The INEGI data on automotive manufacturing activity demonstrates that manufacturing resumed in May, and production increased significantly over April levels.

[73] **Exhibit 20** – Sharay Angulo, *Mexico's Auto Industry Restart Gathers Steam, Ford Still Waiting*, Reuters, (May 26, 2020), https://www.reuters.com/article/mexico-economy-autos/mexicos-auto-industry-restart-gathers-steam-ford-still-waiting-idUSL1N2D82FY (last accessed June 24, 2020).
[74] *See* **Exhibit 10**.

The restart in construction activity in Mexico was accompanied by the restart of the construction industries in the Mexican wire rod industry's regional export markets as well. Chile,[75] Colombia,[76] and Argentina[77] have all taken steps towards the resumption of construction activities. Additionally, to help re-start the construction industry, the Government of Mexico unveiled an economic plan that will launch numerous construction projects to construct schools, highways, hospitals, and other projects to reactivate the economy after being closed for a short period of time due to COVID-19.[78] Other major projects such as the construction of a new international airport and the Maya Train with a 1,500 kilometer stretch have restarted their construction activities and are expected to remain stable.[79] The construction industry has started to pick up and will be allowed to remain in operation even during the most restrictive phase of Mexico's reopening plan.[80]

Nucor's own prehearing brief contains strong evidence that the COVID-19 downturn in construction activities is a short-term phenomenon. The novel coronavirus originated in China, and the pandemic is ahead of the curve experienced by the United States and Mexico. In an article discussing Chinese steel inventories, a chart of Chinese steel consumption in construction demonstrates the rapid recovery in consumption experienced in China.[81] The chart, attached as **Exhibit 24** and reproduced below, shows steel consumption in construction declining in January

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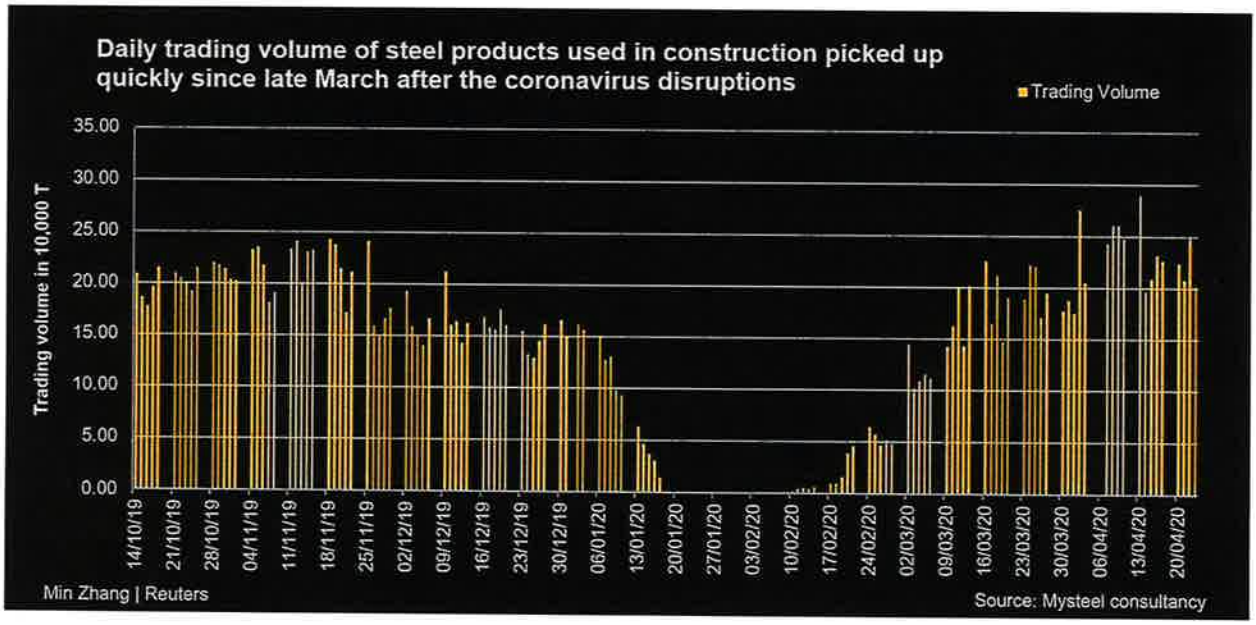
[75] *See* **Exhibit 21** - Camara Chilena de la Construccion, *CCHC Presenta Plan De Reactivación Económica que Considera la Creación de 600.000 Empleos*, (June 15, 2020), https://www.cchc.cl/comunicaciones/noticias/cchc-presenta-plan-de-reactivacion-economica-600-mil-empleos (last accessed June 24, 2020).
[76] *See* **Exhibit 22** - Camara Colombiana de la Construccion, *Política de Vivienda y la Reactivación del Sector Edificador*, (June 1, 2020), https://camacol.co/comunicados/pol%C3%ADtica-de-vivienda-y-la-reactivaci%C3%B3n-del-sector-edificador (last accessed June 24, 2020).
[77] **Exhibit 23** - Camara Argentina de la Construccion, *Se Presentó el Mapa de Reactivación de Obras Públicas*, http://www.camarco.org.ar/noticias-generales-de-la-camara/se-presento-el-mapa-de-reactivacion-de-obras-publicas (last accessed June 24, 2020).
[78] **Exhibit 11.**
[79] *Id.*
[80] **Exhibit 10** – at slide 4 and 8.
[81] *See* Prehearing Brief of Nucor at Exhibit 71.

2020, falling to essentially zero in February, and recovering steadily in March with April volumes at historically-consistent levels.



The COVID-19 pandemic has disrupted wire rod consuming industries globally, although these disruptions appear to be short lived. Deacero projects that its internal consumption and home market shipments in 2020 and 2021 [

]82 In his dissenting views with respect to Mexico in the second sunset review of these orders, Commissioner Johanson cited a decline in Mexican economic growth in 2013, with corresponding declines in production, internal consumption and transfers, and home market shipments, but went on to note that:

> total exports [ ], increasing by [ ] short tons (an increase of [ ] percent). Instead of responding to the domestic slowdown by [ ] exports to maintain capacity utilization, the Mexican industry decreased production, leading to a decline in capacity utilization."[83]

The Commission should make a similar finding in these reviews.

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[82] *See* Deacero Prehearing Brief at 28 and Exhibit 10.

[83] Dissenting Views of Johanson (Second Review), USITC Pub. 4472 at 8-9 (footnotes omitted, emphasis added).

COMMISSIONER QUESTION #6:

CHAIRMAN JOHANSON (p. 147, lines 13-21): "Moving on to another question, on pages 13 to 14 of the Nucor brief, there are some statements about Arcelor Mittal, its domestic wire rod operations and what that might mean for its import sourcing strategy, especially as it concerns the Arcelor Mittal facility in Mexico. Because this was condition of competition that I addressed in my dissent in the last review, I'd appreciate it if you'd help me understand how the situation might be different in the current review."

RESPONSE: In his dissenting opinion in the second sunset review, Commissioner Johanson addressed the ownership of the ArcelorMittal facility in Mexico as a condition of competition, citing it in favor of his determination to decumulate Mexico. While ArcelorMittal no longer owns any wire rod producing facilities in the United States, Commissioner Johanson should not find that this materially alters his views with respect to Mexico.

Commissioner Johanson identified a number of factors that informed his opinion, including Mexico's high rates of capacity utilization and low export orientation. Commissioner Johanson's dissent noted that he found that "these characteristics of the Mexican industry have been consistent over the periods of the original investigation, the first reviews, and these second reviews (suggesting that such characteristics are not simply a manifestation of the presence of these U.S. trade remedies)."[84] He also cited changes in the Mexican industry, including the acquisition of the Las Truchas plant by ArcelorMittal.[85] It is notable that, not only did Commissioner Johanson cite the changes in the Mexican industry last among the factors he considered, the ArcelorMittal acquisition was mentioned after the rise to prominence of Deacero in the Mexican industry, with its focus on internal consumption in the production of downstream products.[86]

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[84] Dissenting Views of Johanson (Second Review), USITC Pub. 4472 at 3.
[85] *Id.* at 2-4.
[86] *Id.* at 4.

The Mexican industry continues to operate at high levels of capacity utilization, which are even higher than reported when the data for [ ] are included in the calculation.[87] The Mexican industry remains focused on its home market and internal consumption, so its export orientation remains low, with steady export volumes to regional markets in Central and South America which have inadequate domestic supply. Deacero remains the [ ] Mexican producer of wire rod, and its focus remains on internal consumption for downstream wire products. Furthermore, an article attached to Nucor's prehearing brief cites Victor Cairo, CEO of ArcelorMittal in Mexico as saying "the plan of his company was to replace imports and serve the automotive, home appliances and construction sectors," demonstrating that ArcelorMittal has a similar focus on the Mexican home market.[88]

In his opinions in the second reviews, Commissioner Johanson made very clear his finding that common ownership with U.S. wire rod producers, even specifically with respect to ArcelorMittal, was not sufficiently compelling to merit decumulation. In the dissenting views with respect to Ukraine, he and Commissioner Williamson were clear in their opinion: "We conclude that ArcelorMittal's corporate policy is not likely to prevent ArcelorMittal KR from exporting substantial volumes of steel wire rod to the United States in the event of revocation,"[89] citing ArcelorMittal's imports from other countries, and noting the [ ] capacity utilization of the related Ukrainian plant, which was operating at only [ ] percent in 2013, the last full year of that review period.[90] The dissenting views were supported by Ukraine's behavior following revocation of the order, despite the continuing corporate relationship.

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[87] Deacero Prehearing Brief at 6 and Exhibit 20.
[88] Nucor Prehearing Brief at Exhibit 12.
[89] Dissenting Views of Johanson and Williamson, regarding cumulation for Ukraine (Second Review), USITC Pub. 4472 at 1.
[90] *Id.* at 2.

Because Commissioner Johanson accorded so little weight to this factor, the change should not alter his findings in this review. ArcelorMittal ceased U.S. production in 2015, but [ ]. ArcelorMittal similarly has capacity in Canada, which is not subject to this review, as well as other countries. Since ArcelorMittal ceased U.S. production of wire rod in 2015, however, overall imports of wire rod from Canada have declined, suggesting that ArcelorMittal has not shifted to import supply since closing its U.S. operations. [ ][91] [ ][92] Similarly, [ ] Thus, Nucor's claims that "{g}iven that ArcelorMittal closed down its Georgetown Mill, it has shifted to supplying the U.S. market with wire rod from its foreign operations, including Mexico"[93] is completely unsupported.

The only evidence provided by Nucor with respect to this claim is [ ][94] This [ ][95] Furthermore, [

[91] ArcelorMittal Long Products Canada Importers' Questionnaire at II-10a. ArcelorMittal provided data [ ]

[92] ArcelorMittal Brazil SA Importers' Questionnaire Response [ ].

[93] *See* Prehearing Brief of Nucor at 13.

[94] *Id.* at Exhibit 22.

[95] **Exhibit 25 - [**].

]96, [

]97

The record in the second review of these orders shows that ArcelorMittal [

]98 During the second review POR, ArcelorMittal, and its predecessor, Sicartsa, participated in annual administrative reviews with the Department of Commerce, and received low final margins, ranging from 1.06 to 5.59 percent.99 Despite receiving these low margins and divesting its U.S. wire rod production capacity, ArcelorMittal did not [

]. There is no evidence to suggest that they would do so if the order with respect to Mexico were revoked.

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96 [

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97 CR at V-9 (Table V-5); PR at V-9 (Table V-5).

98 *See Carbon and Certain Alloy Steel Wire Rod From Brazil, Indonesia, Mexico, Moldova, Trinidad and Tobago, and Ukraine,* Inv. Nos. 701-TA-417 and 731-TA-953, 957-959, 961, and 962 (Second Review), Prehearing Staff Report at I-53 (Table I-12).

99 *Id.* at I-20 (Table I-5).

COMMISSIONER QUESTION #7:

CHAIRMAN JOHANSON (p. 148, lines 21-24): "...pages 10 to 11 of the Nucor brief, Nucor mentions two Mexico producers that have not [offered] responses to the questionnaire. Have you had any contact with these friends? Do you know what their thinking might have been?"

RESPONSE: Contrary to Nucor's assertions, one of the two producers mentioned by Nucor, [ ] has provided usable information to the Commission regarding its production and capacity. Further, the fact that other Mexican producers did not devote resources to participate in this sunset review may suggest that the U.S. market is generally of little interest to them.

Moreover, regardless of the thinking of other producers, the fact remains that Deacero occupies a significant share of the Mexican market, accounted for [ ]% of reported wire rod production in 2019,[100] and was the [ ] to the United States during the POR. Because Deacero represents a sizeable portion of the Mexican market for wire rod, [ ] of the producers who actually shipped to the U.S. market during the POR, and has participated fully in the review, the Commission should have sufficient information regarding Mexican producers and the Mexican market to complete its analysis. The fact that [ ] did not submit full questionnaire response should not result in any negative inference.

[100] CR at IV-36; PR at 36.

COMMISSIONER QUESTION #8:

COMMISSIONER SCHMIDTLEIN: (p. 152, lines 11-15): "And for your customers – I know Commissioner Karpel had asked you for additional information about that. You've mentioned a couple of times that you have five to seven regular customers. And I feel it's these customers that had asked you to develop this smaller-diameter rod."

RESPONSE: Deacero developed the 4.4 mm and 4.75 mm wire rod following [ ]. The 4.4 mm wire rod was requested by [ ] which is [ ] They have been purchasing wire rod from Deacero for [ ]. The 4.75 mm wire rod was requested by [ ]. [ ] for distribution and further processing. Both of these companies are regular customers of Deacero, and have longstanding business relationships with Deacero.

COMMISSIONER QUESTION #9:

COMMISSIONER SCHMIDTLEIN: (p. 153, lines 11-22): "... in looking at what is on the record for this period of review, we've seen Mexico underselling pretty consistently. And so I wonder if you could – if you can, you know, without getting into any numbers or anything, how is it that Mexico is able to – and maybe, Ms. Jeong, this is more of a question for you because you can see the record. I'm not sure, given that they can't see the proprietary – I'm just curious. They're under order. So how are they able to undersell the U.S. so consistently? Maybe it would be better to respond in the post-hearing, but if you have any comments now, that might be helpful."

RESPONSE: Technically speaking, underselling does not have anything to do with the existence of an antidumping duty order. Antidumping duty margins are generally determined by comparing the exporter's U.S. prices to the same exporter's sales prices in its home market. In contrast, the underselling analysis compares the price of imports with the price of U.S.-produced products. Thus, there could be underselling even if the exporter is selling in the U.S. market at fair prices and, conversely, there could be overselling even if the exporter is selling at dumped prices.

More importantly, underselling by imports from Mexico was not significant during the POR and does not suggest any potential recurrence of injury should the order be revoked with respect to Mexico. Rather, U.S. producers were the price leaders during the POR and their prices remain linked to scrap prices during and beyond the period covered by the Commissions' data.

1. Count of Instances of Underselling Mischaracterizes Imports from Mexico.

Observed instances of underselling by imports from Mexico are overstated owing to limited available price comparisons and [ ] volume sales of imports from Mexico in many of the quarterly comparisons. As Petitioners noted at the hearing, ten quarterly pricing comparisons were available for imports from Mexico,[101] but considering consistent import

[101] *See* Kelley Drye & Warren LLP Hearing Presentation at Slide 11.

volumes from Mexico[102] and compared with [ ] quarters of pricing data for U.S. producers, this in fact demonstrates a lack of competitive overlap.[103]

Price comparisons are limited because of Deacero's sales of wire rod with diameter less than 5.0 mm during the POR, which does not fit the definition of the pricing products.[104] Price comparisons are further limited because of [

] and, as such, do not compete directly with U.S. producers.[105] Accordingly, the Commission's pricing data for Mexico is essentially limited to [ ] of the POR and [ ].[106] There were no imports from Mexico in [ ].[107]

To the extent any underselling is observed during the POR, it is not correlated with gains in volume or market share. The quarterly volumes of imports from Mexico in the pricing data were [ ] with the [ ] occurring in a quarter of overselling.[108] Of the seven observed instances of underselling, [ ] involved

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[102] CR at I-43 (Table I-14); PR at I-43 (Table I-14).
[103] CR at V-7 – V-10 (Tables V-3 – V-6); PR at V-7 – V-10 (Tables V-3 – V-6).
[104] Despite allegations of circumvention, U.S. producers did not request that the Commission expand the definition of the pricing products to capture the smaller diameter product in its questionnaires, suggesting small and smaller diameter wire rod is not comparable to the pricing products. *See* Kelley Drye & Warren LLP, U.S. Industry Comments on Draft Questionnaires, (Feb. 25, 2020).
[105] *See* [ ] Importers' Questionnaire Response at II-7a.
[106] CR at V-7 – V-10 (Tables V-3 – V-6); PR at V-7 – V-10 (Tables V-3 – V-6).
[107] *Id.*
[108] Imports from Mexico in the pricing products volume [ ] over the course of the Commission's 1st review and have [ ]. *See Carbon and Certain Alloy Steel Wire Rod from Brazil, Canada, Indonesia, Mexico, Moldova, Trinidad and Tobago, and Ukraine*, Inv. Nos. 701-TA-417 and 731-TA-953, 954, 957-959, 961, and 962 (Review), USITC Publication 4014, May 2008, at V-11 – V-21 (Tables V-2 – V-7). Witnesses at the Hearing in that review posited that general declines in volume from Mexico were attributable to SICARTSA and, by extension, ArcelorMittal whose assigned dumping rate was very low during the POR, meaning they elected to stop shipping to the U.S. for reasons unrelated to price. *See* Hearing Transcript of Record ("Hr'g Tr."), *Carbon and Certain Alloy Steel Wire Rod from Brazil, Canada, Indonesia, Mexico, Moldova, Trinidad and Tobago, and Ukraine*, Inv. Nos. 701-TA-417 and 731-TA-953, 954, 957-959, 961, and 962 (Review) at 263 (Jeffrey Winton).

quarterly volumes of roughly [ ] ST or less. The three quarters of observed overselling by imports from Mexico involved [ ] ST of imports from Mexico and account for [ ] of Mexico's total volume in the pricing products.[109] The [ ] increase in the market share of imports from Mexico over the POR should be considered in this light.[110] In contrast, the mean quarterly volume for U.S. producers' shipments of the pricing products ranged from [ ].[111]

Pricing data coverage for Mexico is [ ] in this review than in prior reviews, suggesting that observed underselling, to the extent it can be considered meaningful, is not representative of all imports from Mexico. As shown in the table below, pricing data accounted for only [ ] percent of U.S. shipments from Mexico over the full POR and [ ] percent of shipments in 2019 [ ].[112]

Calculation of Pricing Data Coverage for U.S. Producers and Imports from Mexico.[113]

		2017	2018	2019	Full POR	
U.S. producers' U.S. shipments	[					]
U.S. Shipments of Imports from Mexico	[					]
Imports from Mexico	[					]
Volume in the Pricing Products						
U.S. Producers	[					]
Imports from Mexico	[					]
Volume in the Pricing Products as % of Shipments or Imports						
U.S. Producers' Shipments	[					]
U.S. Shipments of Imports from Mexico	[					]
Imports from Mexico	[					]

[109] CR at V-17, Table V-8; PR at V-17, Table V-8.
[110] CR at I-44 (Table I-14); PR at I-44 (Table I-14).
[111] CR at V-7 – V-10 (Tables V-3 – V-6); PR at V-7 – V-10 (Tables V-3 – V-6).
[112] Note that calculated pricing data coverage for both imports from Mexico and U.S. producers' U.S. shipments differ from those shown in the CR at V-6; PR at V-6.
[113] CR at I-43 (Table I-14), at V-7 – V-10 (Tables V-3 – V-6) and at E-5 (Table E-2); PR at I-43 (Table I-14), at V-7 – V-10 (Tables V-3 – V-6) and at E-5 (Table E-2).

Compare the pricing data coverage shown above with coverage for Mexico in the original investigation ([ ] percent),[114] the first review ([ ] percent)[115], and the second review ([ ] percent).[116] [117] [ ] coverage for Mexico in this review compared to prior reviews indicates that the pricing data are no longer representative of any competition between U.S. producers and subject imports.[118]

2. U.S. Producers are Price Leaders and U.S. Pricing Remains Tied to Scrap.

There is a clear consensus in the questionnaire record that U.S. producers are the price leaders in the U.S. market for wire rod. Nineteen of 28 purchasers reported Nucor was the price leader and the next three most frequently named firms are U.S. producers as well.[119] Specifically, the Prehearing Report notes that "{p}urchasers frequently stated that Nucor is often one of the first to announce price changes and others usually follow."[120]

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[114] *See Carbon and Certain Alloy Steel Wire Rod From Brazil, Canada, Germany, Indonesia, Mexico, Moldova, Trinidad And Tobago, Turkey, and Ukraine*, Inv. Nos. 701-TA-417-421 (Final) and 731-TA-953-954, 956-959, and 961-962 (Final), Prehearing Staff Report at V-11, (Table V-2) ("Original Investigation Report").

[115] *See Carbon and Certain Alloy Steel Wire Rod From Brazil, Canada, Indonesia, Mexico, Moldova, Trinidad and Tobago, and Ukraine*, Inv. Nos. 701-417 and 731-TA-953, 954, 957-959, 961, and 962 (Review), USITC Publication 4014, May 2008, at V-10 ("First Review Report").

[116] *See Carbon and Certain Alloy Steel Wire Rod from Brazil, Indonesia, Mexico, Moldova, Trinidad & Tobago, and Ukraine*, Investigation Nos. 701-TA-417 and 731-TA-953, 957-959, 961, and 962 (Second Review), USITC Publication 4472, June 2014, at V-8 ("Second Review Report").

[117] Coverage for U.S. Producers has not changed so dramatically, suggesting a relatively unchanged product mix: [ ] percent in the original investigation, [ ] percent in the first review, and [ ] percent in the second review. *See* Original Investigation Report at V-11 (Table V-2), First Review Report at V-10, and Second Review Report at V-8, respectively.

[118] [ ] coverage of the pricing products may also suggest more diverse product mix in imports from Mexico, as Mr. Guerra testified at the hearing, "We're always innovating to develop new wire products to cater to different markets. For example, we're developing new presentations for wire products to get into the sales construction market, new presentations and diameters that our specific to our industry-wide clients, and expanding our design master fence range." Hr'g Tr. at 101 (Antonio Guerra).

[119] CR at V-5; PR at V-5.

[120] *Id.*

As noted at the hearing, U.S. producers' announcements of changes in price are generally tied to scrap prices.[121] Attached at **Exhibit 26** are examples of the U.S. producers' price increase announcements referring to scrap prices, as well as recent market data and analysis acknowledging the significant link between scrap and wire rod pricing. Indeed, as demonstrated in Deacero's prehearing brief and replicated below, U.S. producers' prices [ ] with scrap prices. *See below.*

[121] "Well, I mean, just basically to name them, Nucor is the price leader in U.S. suppliers.{...}They are typically the first one to come out with a price increase, a price increase that's 90 -- well, I'm not even going to put a percentage -- the majority of the time it's based on a fluctuation in U.S. scrap prices. When they testified earlier that, you know, prices are not subject or conditional on scrap, but their letters state differently." *See* Hr'g Tr. at 164 (Chris Pratt); *See also* Hearing Transcript of Record ("Hr'g Tr."), *Carbon and Certain Alloy Steel Wire Rod from Belarus, Italy, Korea, Russia, South Africa, Spain, Turkey, Ukraine, the United Arab Emirates, and the United Kingdom*, Inv. Nos. 701-TA-573-574 and 731-TA-1349-1358 (Final); Prehearing Brief of Deacero at 20-21.

U.S. Producers' AUVs [ ] with, and Have [ ] Relative to, the Price of Scrap[122]

Index of AUVs in $ / ST

Q1 2014 = 100

The data show that the [ ] between scrap prices and U.S. producers' prices [ ] in 2016 and 2017, prior to the filing of the AD/CVD petitions against imports from 10 countries that accounted for almost [ ] of total imports of wire rod and held a market share of more than [ ]. After the filing of the petitions and imposition of duties, the [ ] [ ] as the industry recovered.

As shown above, the relationship between scrap and wire rod prices holds true during the few quarters of the POR when there were any sales in the pricing products of imports from Mexico and in the majority of quarterly periods when there were no imports from Mexico at all.

[122] *See Carbon and Certain Alloy Steel Wire Rod from Belarus, Russia, and the United Arab Emirates*, Inv. Nos. 731-TA-1349, 1352, and 1357 (Final), USITC Pub. 4752, January 2018 at V-7 – V-12 (Tables V-3, V-4, and V-5); [ ]. As included in ITC Doc. No. 711258-1-1540578; CR at V-7 – V-10 (Tables V-3 – V-6); PR at V-7 – V-10 (Tables V-3 – V-6), excluding pricing data reported by U.S. Producer [ ] at **Exhibit 32**.

U.S. producers' prices [

].[123] The [ ] in U.S. wire rod prices in 2019 is not attributable to any underselling by a very small volume of subject imports, but was instead associated with a significant drop in scrap prices.

Published wire rod pricing data from [ ] demonstrate that the relationship between U.S. producers' prices and scrap prices was [ ] beyond the POR through the first half of 2020.

[123] CR at V-7 – V-10 (Tables V-3 – V-6); PR at V-7 – V-10 (Tables V-3 – V-6).

U.S. Prices for Wire Rod Continue to [ ] with Scrap into 2020.[124]
Monthly, January 2014 to June 2020.

Despite limited instances of volumes covered by the pricing data, imports from Mexico entered the United States in every year of the POR.[125] Those sales, whether or not in the pricing products, provided no impediment to [ ] prices and [ ] by U.S. producers during POR and did not disrupt the relationship between U.S. producers' prices and the scrap prices on which they are based. To the extent there has been any underselling by imports of Mexico during the POR, it was not significant and does not suggest imports from Mexico would increase significantly or gain market share on the basis of price should the order

[124] **Exhibit 27** - Because the [ ] price series are not continuous over the period, they cannot be readily indexed.
[125] CR at I-43 (Table I-14); PR at I-43 (Table I-14).

be revoked. U.S. producers' position as price leaders in the U.S. market and the clear relationship between U.S. prices and scrap prices provides strong evidence that the U.S. industry is not vulnerable to any adverse price effects by reason of subject imports from Mexico.

COMMISSIONER QUESTION #10:

COMMISSIONER KARPEL (p. 166, lines 10-25; p. 167, lines 1-4):
"for Deacero representatives and if you want to answer this post-hearing to be confidential. But, to the extent it's not already on the record, who are these five to seven customers that Deacero is selling to in the U.S.? And what kind of wire rod are you selling to them? Can it be broken down between these more specialty 4.75 and 4.4 versus the more standard grade so we can see? I guess what I'm hearing is some of this argumentation this afternoon to me strikes me as a bit of an attenuated competition argument, that, you know, domestic producers don't make these smaller wire rods. This is where we spend a lot of energy investing in this new technology to be able to make this. So I'd like to get a sense of what you're actually selling to your U.S. customers and is it really, you know, focused on the specialty material or is it more of a mix of the two types. And, again, I recognize this may be confidential, so I'm happy to receive this information post-hearing."

RESPONSE: Deacero's U.S. sales are concentrated in a small group of customers and highly dependent on customer needs. A breakdown of sales to Deacero's top seven customers (accounting for [ ] of sales by volume) and the sizes of wire rod purchased by each are summarized in **Exhibit 28.** The record shows that, while these customers did purchase wire rod products from Deacero [

].

Furthermore, each of the largest-volume purchasers identified by Deacero [

].

With the exception of [ ], the purchasers identified by Deacero have purchased [

]. Furthermore, several of these purchasers [ ], providing the Commission with additional information regarding these purchases.

Purchaser [

].[126] [

].

[

].[127] [

].[128] [

].[129]

[

].[130] This purchaser reported, however, that [

].[131]

Similarly, Purchaser [

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[126] [ ] Purchasers' Questionnaire Response at II-1.

[127] [ ]; [ ] Purchasers' Questionnaire Response.

[128] [ ] Purchasers' Questionnaire Response at II-1.

[129] *Id.* [
]. *Id.* [at I-4; CR at I-41; PR at I-41].

[130] [ ] Purchasers' Questionnaire Response at II-1.

[131] *Id.*

].[132] [

].[133]

[

].[134] As is the case with the other purchasers identified, this purchaser [

].[135]

This customer specific data reiterates and reinforces Deacero's characterization of its U.S. sales – such sales are overwhelmingly destined for the same core group of customers, represent relatively low volumes, and allow domestic purchasers to obtain valuable smaller diameter wire rod the domestic industry is unable to provide.

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[132] [ ] Purchaser Questionnaire Response at II-1.
[133] *Id.*
[134] [ ] Purchaser Questionnaire Response at II-1.
[135] *Id.*

COMMISSIONER QUESTION #11:

COMMISSIONER KARPEL (p. 168, lines 22-25; p. 169, lines 1-10): "Nucor had a slide in their presentation, Slide 23, and it was showing imports from Mexico over a time period, 2000 to 2019, and it purported to show that when these new products were developed and started being exported to the United States, imports increased. And then, when the anti-circumvention order came in place, they decreased. And then the next product, the 4.75, they again show that imports increased and then decreased after the anti-circumvention order. And they argued this that this shows that without the discipline of the order, imports from Mexico go up. And I wanted to give you an opportunity either now or in your post-hearing brief to respond to this assertion and this information they presented in the slide."

RESPONSE: Petitioners rely on imports of smaller diameter wire rod from Mexico to allege that "when there's no discipline of an order, {Mexico's} imports will surge."[136] However, despite the domestic industry's suggestion that the smaller diameter wire rod imports provide evidence of the Mexican industry's likely behavior absent the order, it has not identified even a single injurious effect of those imports. What the available data for imports of smaller diameter wire rod from Mexico in fact demonstrate is that, even when not subject to an order, volumes of those products were modest both in absolute volume and as a share of apparent U.S. consumption. Furthermore, competition is attenuated between imports of wire rod with diameters smaller than 5.0 mm and U.S.-produced wire rod, which is not available in the smaller diameters, and such imports have not been injurious to the domestic industry.

As Commissioner Johanson noted in his dissenting views on Mexico in the second review, imports of 4.75 mm to <5.0 mm wire rod from Mexico reached a peak volume of [ ] ST in 2010, or just [ ] percent of apparent U.S. consumption in that year.[137] Even at

[136] *See* Hr'g Tr. at 26 (Paul Rosenthal); Kelley Drye & Warren LLP Hearing Presentation at Slide 23.
[137] Dissenting Views of Johanson (Second Review), USITC Pub. 4472, at 59. This peak volume is [

their peak, imports of small diameter rod did not exceed subject imports from Mexico in any year of the POR, which ranged from [ ] ST.[138] In fact, as shown at **Exhibit 29** when imports of 4.4 mm wire rod from Mexico were not covered by the order from 2014-2017, the estimated peak shipment volume was just [ ] ST in 2017 or just [ ] percent of apparent consumption in that year. Imports of smaller diameter wire rod from Mexico exceeded [ ] percent of apparent U.S. consumption in just one year from 2008-2019 and were [ ] percent as a share of apparent U.S. consumption in nearly every other year, even when 4.4 mm wire rod was not yet covered by the order.[139] To the extent that imports of smaller diameter wire rod can be considered as a proxy for any future imports of wire rod from Mexico, the evidence suggests those volumes will be small.

It is also important to consider that that U.S. producers still [ ] wire rod with diameter smaller than 5.0 mm, thus competition between the U.S. industry and imports of smaller diameter wire rod from any source is attenuated. As discussed further in response to Commissioner Questions 3 and 10, the questionnaire record demonstrates that U.S. purchasers clearly recognize the benefits of working with smaller diameter wire rod and in at least some instances actively seek it out. Several purchasers [ ], suggesting that, to the extent there is any competition for sales of smaller diameter wire rod in the U.S. market, it is between import sources, not with U.S. producers.

].

[138] *Id.* at I-7 (Table I-1).

[139] **Exhibit 29**.

The Mexican wire rod industry continues to operate at high capacity utilization and is committed first and foremost to the Mexican home market, with its significant volumes of internal consumption, and second to its long-standing established customer relationships in Central and South America. Furthermore, although Mexican exports of smaller diameter wire rod peaked in 2010 and declined thereafter, the Mexican industry's overall capacity utilization [

].[140] Petitioners' attempts to misconstrue modest volumes of sales of smaller diameter wire rod as "surges" should be dismissed.

[140] *See Carbon and Certain Alloy Steel Wire Rod from Brazil, Indonesia, Mexico, Moldova, Trinidad & Tobago, and Ukraine*, Inv. Nos. 701-TA-417 and 731-TA-953, 957-959, 961, and 962 (Second Review), Prehearing Staff Report at IV-45 (Table IV-18).

COMMISSIONER QUESTION #12:

COMMISSIONER KARPEL (p. 170, lines 5-7): "If you wish to comment on the domestic industry's assertions that Mexico capacity is understated and that their capacity utilization is also understated."

RESPONSE: Petitioners' concerns regarding Mexico's supposed excess capacity are misplaced. Deacero constitutes [ ] of the Mexican market and is the [ ]. Deacero's capacity utilization numbers, which have been consistently [ ], should be afforded weight proportionate to Deacero's overall share of the market. [ ].[141] Further, as company witnesses testified, Deacero's business goals and operations make it logistically infeasible to quickly utilize available capacity to produce wire rod and then sell it in the U.S.

With respect to Grupo Simec and its supposed excess capacity, Petitioners' arguments are based largely on one picture with limited context or data and are contradicted by other public reports indicating that the new Tlaxcala facility is for special bar quality steel bars, not wire rod.[142] Grupo Simec [ ].[143]

Similarly, Petitioners have identified facilities owned by ArcelorMittal and Talleres y Aceros ("TYASA") that could, in theory, be used to produce wire rod, but the facts indicate

[141] *See* Deacero Prehearing Brief at 26, fn. 96.
[142] *Id.* at 7 and Exhibit 8; **Exhibit 2.**
[143] **Exhibit 2.**

these facilities and any excess capacity is for steel products in general or encompasses overall production of long products and not wire rod specifically.[144] [145]

Deacero plans its production to mirror demand, rather than continuing to produce wire rod when demand is down. Thus, Deacero's limited unused capacity is highly unlikely to be used to produce additional wire rod for sale in the U.S., even if the antidumping duty order is lifted and the Mexican economy sees a drop in demand. Notably, Commissioner Johanson has already recognized this: In his dissenting views with respect to Mexico in the second sunset review of these orders, he acknowledged the decline in Mexican demand and noted that "Instead of responding to the domestic slowdown by [ ] exports to maintain capacity utilization, the Mexican industry decreased production, leading to a decline in capacity utilization."[146] Thus, Petitioners are mistaken in both their views of Mexico's actual wire rod capacity as well as the likely use of any excess capacity in the event of a drop in demand.

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[144] *Id.* at 7 and Exhibit 9; CR at IV-36 n.2; PR at IV-36 n.2.

[145] Should the Commission have any questions regarding these producers' capacity, we recommend that such questions be posed directly to the producers. Officials at ArcelorMittal have indicated they would be open to answer any such questions.

[146] Dissenting Views of Johanson (Second Review), USITC Pub. 4472, at 61 (footnotes omitted, emphasis added).

COMMISSIONER QUESTION #13:

COMMISSIONER KARPEL (p. 171, lines 21-25; p. 172, lines 1-3): "The domestic industry argued this morning comparing the facts that lead to the revocation on the order on Canada versus the facts that are present with Mexico and suggested they are very different and therefore we shouldn't decumulate Mexico and consider going negative with respect to Mexico, do you want to respond to that? I'm particularly focused on underselling and the different records that existed with respect to those countries."

RESPONSE: The domestic industry cited four differences in the facts considered by the Commission in revoking the order with respect to Canada in the first sunset review and the facts with respect to Mexico: Canada's increasing market share, declining capacity, record of overselling, and shipments of different types of products during the original investigation and first sunset review period.[147] The factors cited, however, did not persuade the domestic industry that Canada should be decumulated in the first review and do not indicate that subject imports from Mexico would be injurious to the domestic industry.

First, with respect to the statement regarding Canada's increasing market share following imposition of the orders, the record [ ]. During the original investigation, Canadian market share [ ][148] During the first POR, Canadian market share ranged from [ ][149] However, it is clear that Canada maintained a significant market share following imposition of the orders. In its prehearing brief, the domestic industry argued that the significant presence of imports from Canada and the importance of the U.S. market to the

[147] Hr'g Tr. at 49-50 (Alan Price).
[148] *Carbon and Certain Alloy Steel Wire Rod From Brazil, Canada, Indonesia, Mexico, Moldova, Trinidad and Tobago, and Ukraine*, Inv. Nos. 701-417 and 731-TA-953, 954, 957-959, 961, and 962 (Review), Prehearing Staff Report at I-6 (Table I-1).
[149] *Id.*

Canadian industry were signs that imports from Canada would have an adverse impact on the domestic industry.[150]

With respect to the reduction in capacity in Canada, reported capacity [ ] from [ ].[151] Much as it has done in this review, the domestic industry disputed that finding. Although the argument is redacted in the domestic industry briefs, the Commission's staff report in the first reviews cites the fact that [ ][152] The Commission's report [ ], with the report stating:

[ ][153]

Thus, the domestic industry argued that the Commission was wrong in finding that Canadian capacity [ ] over the POR.[154] It is notable that, given the importance the domestic

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[150] *See* Kelley Drye & Warren LLP Prehearing Brief for *Carbon and Certain Alloy Steel Wire Rod From Brazil, Canada, Indonesia, Mexico, Moldova, Trinidad and Tobago, and Ukraine*, Inv. Nos. 701-417 and 731-TA-953, 954, 957-959, 961, and 962 (Review) at 16-17.

[151] *See Carbon and Certain Alloy Steel Wire Rod From Brazil, Canada, Indonesia, Mexico, Moldova, Trinidad and Tobago, and Ukraine*, Inv. Nos. 701-417 and 731-TA-953, 954, 957-959, 961, and 962 (Review), Prehearing Staff Report at IV-58 (Table IV-19).

[152] *Id.* at IV-55, fn. 43.

[153] *Id.*

[154] Additionally, the questionnaire record in this review provides evidence that [ ]

industry has placed on [

]

The domestic industry further attacked the record with respect to Canadian capacity, claiming that an additional producer, AltaSteel, failed to respond to the Commission's questionnaire, making the record incomplete. The Commission's report mentions the claim, but disregards the company's capacity, explaining that a witness testified that it was a producer of steel bar, making straight products only.[155] The domestic industry did not agree with the Commission's finding with respect to Canadian capacity.

As to the pricing record, subject imports of wire rod from Canada oversold the domestic industry in 54 of 78 comparisons during the POI, and in 117 of 118 comparisons during the first POR.[156] It is notable that the pricing data collected by the Commission covered [ ] percent of Canadian volume during the original investigation[157] and [ ] percent of Canadian volume in the first sunset review.[158]

Contrary to the characterization at the Commission hearing in this review, in the first sunset review the domestic industry noted that imports from Canada:

> undersold the domestic industry in 30.8 percent of comparisons prior to the orders, to largely cease such underselling during the POR. Absent the discipline of the order, that

[155] *Id.* at IV-54.
[156] *Id.* at V-26 and V-27.
[157] *See Carbon and Certain Alloy Steel Wire Rod From Brazil, Canada, Germany, Indonesia, Mexico, Moldova, Trinidad And Tobago, Turkey, and Ukraine*, Inv. Nos. 701-TA-417-421 (Final) and 731-TA-953-954, 956-959, and 961-962 (Final), Prehearing Staff Report at V-11.
[158] *See Carbon and Certain Alloy Steel Wire Rod From Brazil, Canada, Indonesia, Mexico, Moldova, Trinidad and Tobago, and Ukraine*, Inv. Nos. 701-417 and 731-TA-953, 954, 957-959, 961, and 962 (Review), Prehearing Staff Report at V-10.

> underselling will likely return, causing a discernible adverse impact on the domestic industry given the significant volume of Canadian CASWR imported annually.[159]

The domestic industry also noted that the underselling by the Canadian imports during the POI was concentrated in in the industrial quality and CHQ products that are the focus of the domestic industry.[160] Thus, while the domestic industry finds the current underselling record to indicate that subject imports from Mexico would be injurious to the domestic industry, it did not find a record of overselling to be indicative of a lack of likely price effects with respect to Canada in the first review.

The fourth factor cited by the domestic industry is the composition of the imports from Canada. The Commission did find that imports from Canada were more heavily concentrated in specialty and CHQ wire rod. However, the record in the first review demonstrates clearly that the large quantity of subject imports from Canada was so substantial that the volume of

[

].[161]

The domestic industry clearly disagreed with the Commission's interpretation of these factors during the first sunset review with respect to Canada. There are several other factors that were not mentioned at the hearing that make it equally or even less likely that revocation of the order with respect to Mexico would cause injury to the domestic industry.

The Canadian industry reported [ ] capacity utilization levels throughout the first POI, ranging from [ ] percent.[162] Similarly, the record in this review shows the

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[159] *See* Kelley Drye & Warren LLP Prehearing Brief for *Carbon and Certain Alloy Steel Wire Rod From Brazil, Canada, Indonesia, Mexico, Moldova, Trinidad and Tobago, and Ukraine*, Inv. Nos. 701-417 and 731-TA-953, 954, 957-959, 961, and 962 (Review) at 17.
[160] *Id.* at 68. Imports from Mexico are [ ].
[161] *See Carbon and Certain Alloy Steel Wire Rod From Brazil, Canada, Indonesia, Mexico, Moldova, Trinidad and Tobago, and Ukraine*, Inv. Nos. 701-417 and 731-TA-953, 954, 957-959, 961, and 962 (Review), Prehearing Staff Report at IV-16 and IV-20.
[162] *Id.* at IV-58 (Table IV-19).

Mexican industry enjoying capacity utilization rates ranging from [ ] percent, with capacity utilization on the same equipment as subject production ranging from [ ] percent.[163]

The Commission should also consider the similarities between Canada and Mexico with respect to the shipment of [

].

The Canadian industry was significantly more export oriented during the original investigation and first POR than the Mexican industry has been since the period of the original investigation. During the first POR, exports accounted for [ ] percent of total shipments reported by the Canadian industry, with exports to the United States accounting for [ ] percent of total shipments, constituting the [ ] of total exports.[164] In contrast, the Mexican wire rod industry shipments are heavily focused on its own internal consumption and the Mexican home market, with exports accounting for only [ ] percent of total shipments.[165] Mexican exports are not focused on the U.S. market. Rather, such exports accounted for only [ ] percent of total shipments. Instead, the Mexican industry

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[163] CR at IV-39 (Table IV-16) and IV-40 (Table IV-17); PR at IV-39 (Table IV-16) and IV-40 (Table IV-17). Mexican capacity utilization is [ ]. Deacero Prehearing Brief at 6 and Exhibit 7.

[164] *Carbon and Certain Alloy Steel Wire Rod From Brazil, Canada, Indonesia, Mexico, Moldova, Trinidad and Tobago, and Ukraine*, Inv. Nos. 701-417 and 731-TA-953, 954, 957-959, 961, and 962 (Review), Prehearing Staff Report at IV-58 (Table IV-19).

[165] CR at IV-39 (Table IV-16); PR at IV-39 (Table IV-16).

has a long history of supplying regional export markets in Central and South America that have insufficient domestic wire rod production to meet demand.[166]

The domestic industry cited several findings by the Commission in the first sunset review of these orders in an attempt to differentiate the facts with respect to Mexico in this review from the facts considered by the Commission in its determination to revoke the order with respect to Canada. It is clear, however, that the domestic industry was not persuaded that these factors would prevent the continuation of recurrence of material injury if the order with respect to Canada were revoked. Furthermore, there are significant similarities with respect to some of the factors typically considered by the Commission in sunset reviews, and several instances where the record suggests that Mexico would be less injurious to the domestic industry than Canada.

[166] In his dissenting views on Mexico in the second review, Commissioner Johanson noted that these patterns were evident during the original investigation and sunset review periods, and therefore was not simply a reaction to the imposition of the order. *See* Dissenting Views of Johanson (Second Review), USITC Pub. 4472, at 3.

COMMISSIONER QUESTION #14:

CHAIRMAN JOHANSON (p. 174, lines 19-25): "Page 44 of the Nucor brief at Exhibit 70 and 71 of their brief discussed large global inventory hangovers due to the COVID-19 pandemic shutdowns. Does Mexico have AD or CVD trade remedies or safeguards in place on imports of wire rod from China? Are imports from China a particular concern to Deacero at this time?"

RESPONSE: As reported in the Commission's prehearing report, Mexico has imposed safeguard duties on imports of steel products, including steel wire rod, against all countries without free trade agreements with Mexico.[167] China does not have a free trade agreement with Mexico, and imports of wire rod from China would be subject to the 15 percent tariff under this order.

In addition to the safeguard tariffs, imports of wire rod from China are subject to an antidumping duty order imposed in 2016 in response to a petition filed by the Mexican industry in 2015.[168] The order is attached as **Exhibit 31** and shows that imports of wire rod from China are subject to antidumping duties of $0.49 per kg, or $490 per metric ton. This order has been very effective, with imports of wire rod remaining low. Imports from China are not currently a particular concern to Deacero because of the effectiveness of the order.

Imports of wire rod from Ukraine are also subject to antidumping duties in Mexico at a rate of 41 percent. Mexico has also imposed antidumping duties on a number of downstream wire products, including hexagonal mesh, welded chain, square mesh, cables, nails for concrete, and PC strand and wire from China as well as PC strand and wire from Spain and Portugal.

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[167] *See* **Exhibit 30** - Reuters, *Mexico Renews 15 pct Steel Tariff on Countries Without Trade Deals*, (Mar. 25, 2019), https://www.reuters.com/article/mexico-trade/mexico-renews-15-pct-steel-tariff-on-countries-without-trade-deals-idUSL1N21C0OP (last accessed June 24, 2020).

[168] *See* **Exhibit 7**. It is notable that the relief was requested by Mexican producers ArcelorMittal Las Truchas, Deacero, and Ternium, demonstrating their interest in protecting the home market.

Reflecting its focus on the Mexican home market and its downstream wire operations, Deacero has been a petitioner in each of these trade actions.

Exhibit List

No.	Document/Description	BPI/Public
1	Section 232 Exclusion Details	Public
2	Statement of [ ] of Grupo Simec	APO
3	Statements of [ ], [ ] and [ ], originally submitted in Letter from White & Case LLP to Sec'y Commerce, *Re: Carbon and Certain Alloy Steel Wire Rod from Mexico – Response by Deacero S.A. De C.V. and Deacero USA, Inc. to the Department's June 1, 2011, Minor Alteration Questionnaire*, (Jul. 22, 2011) ("Minor Alteration Questionnaire Jul. 22, 2011") at Exhibits 9 & 11	APO
4	[Sales of Deacero Wire Rod 2014-2017], originally submitted in Letter from Greenberg Traurig to Sec'y Commerce, *Re: Response to Minor Alteration Questionnaires*, (Apr. 6, 2018) ("Minor Alteration Questionnaire Apr. 6, 2018") at Exhibit 14.	APO
5	Charter Steel Webpage, originally submitted in Minor Alteration Questionnaire Apr. 6, 2018 at Exhibit 30.	Public
6	Nippon Steel Webpage, originally submitted in Letter from Greenberg Traurig to Sec'y Commerce, *Re: Response to Minor Alteration Questionnaire Questions 17-24 and 30-34*, (Apr. 11, 2018) ("Minor Alteration Questions 17-24 and 30-34") at Exhibit 25.	Public
7	Summary of Mexican AD Orders and Rates	Public
8	Inside U.S. Trade, *U.S. Discussing Steel, Aluminum Import Surges with Mexico and Canada*, (Jun. 18, 2020)	Public
9	Joe Deaux & Jenny Leonard, *U.S. Poised to Slap 10% Tariff Again on Aluminum From Canada*, Bloomberg (Jun. 22, 2020)	Public
10	Government of Mexico, *La Nueva Normalidad – Estrategia de Reapertura de las Actividades Sociales, Educativas y Economicas*	Public
11	The "Construction Industry Articles"	Public
12	International Monetary Fund, *World Economic Outlook Update*, (April 2020 & June 2020)	Public
13	Statements of [ ] and [ ], originally submitted in Minor Alteration Questionnaire Jul. 22, 2011 at Exhibit 12.	APO
14	Report Describing the Advantages of 4.75 mm wire rod prepared by [	APO

	], originally submitted in Minor Alteration Questionnaire Jul. 22, 2011 as Exhibit 19	
15	Statements of [ ], originally submitted in Minor Alteration Questionnaire Jul. 22, 2011 at Exhibit 18.	**APO**
16	Statements of [ ] originally submitted in Minor Alteration Questions 17-24 and 30-34 at Exhibit 18	**APO**
17	Statement of [ ], originally submitted as Minor Alteration Questions 17-24 and 30-34 as Exhibit 23	**APO**
18	Deacero Sales of 4.4 mm wire rod at a Premium by AUV by Year, 2014-2017	**APO**
19	Statements by [ ] and the other [ ] customers, originally submitted in Minor Alteration Questions 17-24 and 30-34 at Exhibit 24	**APO**
20	Sharay Angulo, *Mexico's Auto Industry Restart Gathers Steam, Ford Still Waiting*, Reuters, (May 26, 2020)	**Public**
21	Camara Chilena de la Construccion, *CCHC Presenta Plan De Reactivación Económica que Considera la Creación de 600.000 Empleos*, (June 15, 2020)	**Public**
22	Camara Colombiana de la Construccion, *Política de Vivienda y la Reactivación del Sector Edificador*, (June 1, 2020)	**Public**
23	Camara Argentina de la Construccion, *Se Presentó el Mapa de Reactivación de Obras Públicas*	**Public**
24	Chart of Construction Activity in China	**Public**
25	[ ]	**APO**
26	[ ]	**APO**
26A	HIS Markit, Steel Price Forecast	**Public**
27	[ ] data	**APO**
28	Deacero's Top 7 Customers by Volume	**APO**
29	Smaller Diameter by Shipment Volumes	**APO**
30	Reuters, *Mexico Renews 15 pct Steel Tariff on Countries Without Trade Deals*, (Mar. 25, 2019)	**Public**
31	Mexico's Antidumping Duty Order on Wire Rod from China	**Public**
32	Historical Pricing Series for Wire Rod	**APO**

Exhibit 1

Exclusions Granted for Wire Rod By Category

Sum (tons)	Column Labels			
Row Labels	**2018**	**2019**	**2020**	**Grand Total**
ALLOY CHQ	912.3	23,683.4	26,140.0	50,735.6
ALLOY STEEL	258,743.1	1,071,011.9	376,085.0	1,705,840.0
BOF ALLOY/CARBON	55,056.9	89,115.4	9,000.0	153,172.3
CARBON STEEL	34,157.9	69,478.8		103,636.6
CHQ CARBON	56,351.5	202,040.4	3,605.2	261,997.0
Grand Total	**405,221.6**	**1,455,329.8**	**414,830.2**	**2,275,381.6**

Granted Exclusions for Wire Rod by Diameter and Product Type

Sum (tons)	Column Labels			
Row Labels	**2018**	**2019**	**2020**	**Grand Total**
4.9 MM AND BELLOW	**921.0**	**6,300.0**		**7,221.0**
ALLOY STEEL	516.0			516.0
BOF ALLOY/CARBON	150.0			150.0
CARBON STEEL	255.0	6,000.0		6,255.0
CHQ CARBON		300.0		300.0
5 MM- 18.9 MM	**403,569.4**	**1,444,584.4**	**414,830.2**	**2,262,984.1**
ALLOY CHQ	912.3	23,683.4	26,140.0	50,735.6
ALLOY STEEL	257,495.9	1,066,566.5	376,085.0	1,700,147.5
BOF ALLOY/CARBON	54,906.9	89,115.4	9,000.0	153,022.3
CARBON STEEL	33,902.9	63,478.8		97,381.6
CHQ CARBON	56,351.5	201,740.4	3,605.2	261,697.0
NA	**731.2**	**4,445.3**		**5,176.5**
ALLOY STEEL	731.2	4,445.3		5,176.5
Grand Total	**405,221.6**	**1,455,329.8**	**414,830.2**	**2,275,381.6**

Party Receiving Exclusion for Products 4.99 MM and Below

Sum (tons)	Column Labels		
Row Labels	**2018**	**2019**	**Grand Total**
Aiken Precision Technologie	16.0		16.0
ASWPengg	150.0		150.0
DW National Standard	500.0		500.0
Nelson Steel Products Inc.		6,000.0	6,000.0
WireCo WorldGroup Inc.	255.0		255.0
Acument Global Technologies, Inc.		300.0	300.0
Grand Total	**921.0**	**6,300.0**	**7,221.0**

ID	Company	HTSUSCode	Status	PostedDate	country	Diameter	SUBJECT	TYPE OF STEEL	POSTED YEAR	TONS
1497	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	6/27/2019	Japan	12.5	YES	ALLOY STEEL	2019	300.0
1557	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	6/28/2019	Japan	6.5	YES	CARBON CHQ	2019	286.0
1638	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	1/7/2019	Japan	9	YES	CARBON CHQ	2019	294.0
1717	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	6/28/2019	Japan	11.5	YES	CARBON CHQ	2019	376.0
1724	Nippon Steel Cold Heading Wire Indiana Inc.	7213990030	Granted	6/28/2019	Japan	14	YES	CARBON CHQ	2019	50.0
1747	Nippon Steel Cold Heading Wire Indiana Inc.	7213990060	Granted	6/28/2019	Japan	22	NO	ALLOY STEEL	2019	360.0
7792	Indiana Automotive Fasteners Inc.	7213916000	Granted	5/8/2019	Japan	9.75	YES	ALLOY BOF	2019	50.0
7941	Indiana Automotive Fasteners Inc.	7213916000	Granted	1/8/2019	Japan	5.7	YES	ALLOY BOF	2019	628.0
7946	Indiana Automotive Fasteners Inc.	7213916000	Granted	1/8/2019	Japan	7.65	YES	ALLOY BOF	2019	144.0
7948	Indiana Automotive Fasteners Inc.	7213916000	Granted	1/8/2019	Japan	8.73	YES	ALLOY BOF	2019	50.0
7949	Indiana Automotive Fasteners Inc.	7213916000	Granted	8/8/2019	Japan	7	YES	ALLOY BOF	2019	1,509.0
7960	Indiana Automotive Fasteners Inc.	7213916000	Granted	1/8/2019	Japan	8.3	YES	ALLOY BOF	2019	441.0
7964	Indiana Automotive Fasteners Inc.	7213916000	Granted	1/8/2019	Japan	10.5	YES	ALLOY BOF	2019	681.0
7969	Indiana Automotive Fasteners Inc.	7213916000	Granted	1/8/2019	Japan	6.5	YES	ALLOY BOF	2019	50.0
7983	Indiana Automotive Fasteners Inc.	7213916000	Granted	1/8/2019	Japan	9	YES	ALLOY BOF	2019	50.0
7986	Indiana Automotive Fasteners Inc.	7213916000	Granted	6/8/2019	Japan	10	YES	ALLOY BOF	2019	665.0
7991	Indiana Automotive Fasteners Inc.	7213916000	Granted	6/8/2019	Japan	12	YES	ALLOY BOF	2019	87.0
8022	Indiana Automotive Fasteners Inc.	7213916000	Granted	1/8/2019	Japan	10.3	YES	ALLOY BOF	2019	313.0
8030	Indiana Automotive Fasteners Inc.	7213916000	Granted	6/8/2019	Japan	6	YES	ALLOY BOF	2019	250.0
8038	Indiana Automotive Fasteners Inc.	7213916000	Granted	1/8/2019	Japan	8.3	YES	ALLOY BOF	2019	124.0
8049	Indiana Automotive Fasteners Inc.	7213916000	Granted	6/8/2019	Japan	10.3	YES	ALLOY BOF	2019	170.0
8071	Indiana Automotive Fasteners Inc.	7213916000	Granted	6/8/2019	Japan	12.5	YES	ALLOY BOF	2019	50.0
8170	MNP CORPORATION	7213913015	Granted	10/31/2019	Canada	12.5	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	1,101.7
8182	Indiana Automotive Fasteners Inc.	7213916000	Granted	9/8/2019	Japan	6.5	YES	CARBON BOF	2019	286.0
8222	Indiana Automotive Fasteners Inc.	7213916000	Granted	1/8/2019	Japan	9	YES	CARBON BOF	2019	294.0
8231	Indiana Automotive Fasteners Inc.	7213916000	Granted	6/8/2019	Japan	11.5	YES	CARBON BOF	2019	376.0
8249	Indiana Automotive Fasteners Inc.	7213990030	Granted	6/8/2019	Japan	14	YES	CARBON BOF	2019	50.0
8855	MNP CORPORATION	7213913015	Granted	10/31/2019	Canada	7.5	YES	ALLOY STEEL	2019	16.8
8937	Indiana Automotive Fasteners Inc.	7213990030	Granted	7/8/2019	Japan	15	YES	CARBON BOF	2019	40.3
8948	Indiana Automotive Fasteners Inc.	7213990030	Granted	9/8/2019	Japan	15	YES	CARBON BOF	2019	692.9
9112	Indiana Automotive Fasteners Inc.	7213990030	Granted	9/8/2019	Japan	17	YES	CARBON BOF	2019	395.2
9235	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	8/8/2019	Japan	6	YES	ALLOY STEEL	2019	390.0
9239	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	8/8/2019	Japan	7	YES	ALLOY STEEL	2019	1,290.0
9240	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	8/14/2019	Japan	9.5	YES	ALLOY STEEL	2019	70.0
9247	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	8/8/2019	Japan	11	YES	ALLOY STEEL	2019	30.0
9495	MNP CORPORATION	7213913015	Granted	10/31/2019	Canada	13	YES	ALLOY STEEL	2019	21.3
9620	O&k American Corp.	7213990060	Granted	8/15/2019	Japan	30	NO	CARBON CHQ	2019	179.6

10026	MNP CORPORATION	7213913015	Granted	10/31/2019	Canada	12.5	YES	ALLOY STEEL	2019	1,101.7
10988	Nippon Steel Cold Heading Wire Indiana Inc.	7213990060	Granted	8/13/2019	Japan	20.5	NO	CARBON CHQ	2019	324.0
10991	Nippon Steel Cold Heading Wire Indiana Inc.	7213990060	Granted	8/13/2019	Japan	24	NO	CARBON CHQ	2019	324.0
11111	Shannon Precision Fasteners, LLC	7213913015	Granted	10/31/2019	Canada	6.5	YES	ALLOY STEEL	2019	216.0
12982	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	8/16/2019	Japan	13	YES	CARBON CHQ	2019	324.0
12985	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	8/16/2019	Japan	6.2	YES	ALLOY STEEL	2019	220.0
12987	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	8/16/2019	Japan	8.3	YES	ALLOY STEEL	2019	420.0
12989	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	8/16/2019	Japan	9.5	YES	ALLOY STEEL	2019	120.0
13029	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	8/16/2019	Japan	10.3	YES	ALLOY STEEL	2019	313.0
13744	Hercules Drawn Steel Corporation	7213200010	Granted	8/20/2019	Germany	25	NO	FREE MACHINING/CUTTING	2019	180.0
13944	MNP CORPORATION	7213913015	Granted	10/31/2019	Canada	7.5	YES	ALLOY STEEL	2019	16.8
16943	Hercules Drawn Steel Corporation	7213200010	Granted	4/9/2019	Spain	10.96	NO	FREE MACHINING/CUTTING	2019	367.0
16953	Hercules Drawn Steel Corporation	7213200010	Granted	8/26/2019	Spain	14.11	NO	FREE MACHINING/CUTTING	2019	800.0
17040	Blue Ridge Metals Corporation	7213990060	Granted	12/9/2019	Japan	21	NO	ALLOY STEEL	2019	187.9
17329	Hercules Drawn Steel Corp	7213200010	Granted	4/9/2019	Germany	23.56	NO	FREE MACHINING/CUTTING	2019	3,100.0
17329	Hercules Drawn Steel Corp	7213200010	Granted	4/9/2019	France	23.56	NO	FREE MACHINING/CUTTING	2019	3,100.0
17434	Hercules Drawn Steel Corp	7213200080	Granted	8/28/2019	Germany	14.3	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	250.0
17434	Hercules Drawn Steel Corp	7213200080	Granted	8/28/2019	France	14.3	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	250.0
18175	Hercules Drawn Steel Corporation	7213200010	Granted	3/9/2019	Germany	9.37	NO	FREE MACHINING/CUTTING	2019	265.0
18176	Hercules Drawn Steel Corporation	7213200010	Granted	3/9/2019	Germany	10.96	NO	FREE MACHINING/CUTTING	2019	367.0
18177	Hercules Drawn Steel Corporation	7213200010	Granted	8/28/2019	Germany	12.8	NO	FREE MACHINING/CUTTING	2019	357.0
18181	Hercules Drawn Steel Corporation	7213200010	Granted	3/9/2019	Germany	13.32	NO	FREE MACHINING/CUTTING	2019	90.0
18185	Hercules Drawn Steel Corporation	7213200010	Granted	8/28/2019	Germany	14.11	NO	FREE MACHINING/CUTTING	2019	1,060.0
18188	Hercules Drawn Steel Corporation	7213200010	Granted	3/9/2019	Germany	17.26	NO	FREE MACHINING/CUTTING	2019	2,025.0
18190	Hercules Drawn Steel Corporation	7213200010	Granted	5/9/2019	Germany	18.05	NO	FREE MACHINING/CUTTING	2019	121.0
18193	Hercules Drawn Steel Corporation	7213200010	Granted	6/9/2019	Germany	11.7	NO	FREE MACHINING/CUTTING	2019	45.0
18200	Hercules Drawn Steel Corporation	7213200010	Granted	6/9/2019	Germany	15.7	NO	FREE MACHINING/CUTTING	2019	650.0
18202	Hercules Drawn Steel Corporation	7213200010	Granted	3/9/2019	Germany	7.8	NO	FREE MACHINING/CUTTING	2019	140.0
18205	Hercules Drawn Steel Corporation	7213200010	Granted	8/28/2019	Germany	16.47	NO	FREE MACHINING/CUTTING	2019	90.0
18209	Hercules Drawn Steel Corporation	7213200010	Granted	8/28/2019	Germany	14.9	NO	FREE MACHINING/CUTTING	2019	217.0
18211	Hercules Drawn Steel Corporation	7213200010	Granted	8/28/2019	Germany	17.2	NO	FREE MACHINING/CUTTING	2019	450.0
18213	Hercules Drawn Steel Corporation	7213200010	Granted	3/9/2019	Germany	15.6	NO	FREE MACHINING/CUTTING	2019	1,300.0
18217	Hercules Drawn Steel Corporation	7213200010	Granted	5/9/2019	Germany	18.8	NO	FREE MACHINING/CUTTING	2019	1,700.0
18259	Hercules Drawn Steel Corporation	7213200010	Granted	4/9/2019	Germany	17.2	NO	FREE MACHINING/CUTTING	2019	820.0
18260	Hercules Drawn Steel Corporation	7213200010	Granted	5/9/2019	Germany	18	NO	FREE MACHINING/CUTTING	2019	250.0
18262	Hercules Drawn Steel Corporation	7213200010	Granted	6/9/2019	Germany	14	NO	FREE MACHINING/CUTTING	2019	450.0
19048	JFE Shoji Trade America Inc.	7213200010	Granted	5/9/2019	Japan	5.6	NO	FREE MACHINING/CUTTING	2019	550.0
19050	JFE Shoji Trade America Inc.	7213200010	Granted	9/9/2019	Japan	7.6	NO	FREE MACHINING/CUTTING	2019	550.0

19051	JFE Shoji Trade America Inc.	7213200010	Granted	10/9/2019	Japan	11.4	NO	FREE MACHINING/CUTTING	2019	550.0
19052	JFE Shoji Trade America Inc.	7213200010	Granted	3/9/2019	Japan	12.9	NO	FREE MACHINING/CUTTING	2019	550.0
19053	JFE Shoji Trade America Inc.	7213200010	Granted	12/9/2019	Japan	14.4	NO	FREE MACHINING/CUTTING	2019	550.0
19054	JFE Shoji Trade America Inc.	7213200010	Granted	5/9/2019	Japan	16.4	NO	FREE MACHINING/CUTTING	2019	550.0
19056	JFE Shoji Trade America Inc.	7213200010	Granted	9/9/2019	Japan	17.9	NO	FREE MACHINING/CUTTING	2019	550.0
19058	JFE Shoji Trade America Inc.	7213200010	Granted	3/9/2019	Japan	18.6	NO	FREE MACHINING/CUTTING	2019	550.0
19060	JFE Shoji Trade America Inc.	7213200010	Granted	5/9/2019	Japan	5.6	NO	FREE MACHINING/CUTTING	2019	550.0
19064	JFE Shoji Trade America Inc.	7213200010	Granted	3/9/2019	Japan	32.5	NO	FREE MACHINING/CUTTING	2019	550.0
19066	JFE Shoji Trade America Inc.	7213200010	Granted	5/9/2019	Japan	32.4	NO	FREE MACHINING/CUTTING	2019	550.0
19408	Hercules Drawn Steel Corp	7213200080	Granted	6/9/2019	Germany	22.7	NO	MICRO ALLOY (DEACERO CAN MAKE)	2019	25.0
20036	Topura America Fastener, Inc.	7213913015	Granted	12/9/2019	Japan	11	YES	CARBON CHQ (MEXICO CAN MAKE)	2019	21.0
20043	Topura America Fastener, Inc.	7213913015	Granted	9/13/2019	Japan	7.5	YES	CARBON CHQ (MEXICO CAN MAKE)	2019	667.6
20056	Topura America Fastener, Inc.	7213913015	Granted	9/13/2019	Japan	8	YES	CARBON CHQ (MEXICO CAN MAKE)	2019	1,916.1
20063	Topura America Fastener, Inc.	7213913015	Granted	12/9/2019	Japan	11	YES	CARBON CHQ (MEXICO CAN MAKE)	2019	21.0
20067	Topura America Fastener, Inc.	7213913015	Granted	9/13/2019	Japan	7.5	YES	CARBON CHQ (MEXICO CAN MAKE)	2019	667.6
20159	Topura America Fastener, Inc.	7213913015	Granted	12/9/2019	Japan	10	YES	CARBON CHQ (MEXICO CAN MAKE)	2019	60.0
20176	Bridgestone Metalpha U.S.A., Inc.	7213913011	Granted	9/13/2019	Japan	5.5	NO	TIRE CORD	2019	25,000.0
20176	Bridgestone Metalpha U.S.A., Inc.	7213913011	Granted	9/13/2019	Japan	5.5	NO	TIRE CORD	2019	22,000.0
20176	Bridgestone Metalpha U.S.A., Inc.	7213913011	Granted	9/13/2019	Brazil	5.5	NO	TIRE CORD	2019	11,000.0
20176	Bridgestone Metalpha U.S.A., Inc.	7213913011	Granted	9/13/2019	Germany	5.5	NO	TIRE CORD	2019	5,000.0
20188	Bridgestone Metalpha U.S.A., Inc.	7213913011	Granted	9/13/2019	Japan	5	NO	TIRE CORD	2019	25,000.0
20188	Bridgestone Metalpha U.S.A., Inc.	7213913011	Granted	9/13/2019	Japan	5	NO	TIRE CORD	2019	22,000.0
20188	Bridgestone Metalpha U.S.A., Inc.	7213913011	Granted	9/13/2019	Brazil	5	NO	TIRE CORD	2019	11,000.0
20188	Bridgestone Metalpha U.S.A., Inc.	7213913011	Granted	9/13/2019	Germany	5	NO	TIRE CORD	2019	5,000.0
20200	Bridgestone Metalpha U.S.A., Inc.	7213913011	Granted	12/9/2019	Japan	5	NO	TIRE CORD	2019	25,000.0
20200	Bridgestone Metalpha U.S.A., Inc.	7213913011	Granted	12/9/2019	Japan	5	NO	TIRE CORD	2019	22,000.0
20200	Bridgestone Metalpha U.S.A., Inc.	7213913011	Granted	12/9/2019	Brazil	5	NO	TIRE CORD	2019	11,000.0
20200	Bridgestone Metalpha U.S.A., Inc.	7213913011	Granted	12/9/2019	Germany	5	NO	TIRE CORD	2019	5,000.0
20206	Bridgestone Metalpha U.S.A., Inc.	7213913011	Granted	11/9/2019	Japan	5	NO	TIRE CORD	2019	25,000.0
20206	Bridgestone Metalpha U.S.A., Inc.	7213913011	Granted	11/9/2019	Japan	5	NO	TIRE CORD	2019	22,000.0
20206	Bridgestone Metalpha U.S.A., Inc.	7213913011	Granted	11/9/2019	Brazil	5	NO	TIRE CORD	2019	11,000.0
20206	Bridgestone Metalpha U.S.A., Inc.	7213913011	Granted	11/9/2019	Germany	5	NO	TIRE CORD	2019	5,000.0
20267	O&k American Corp.	7213913093	Granted	9/23/2019	Japan	11.2	YES	ALLOY STEEL	2019	5,307.6
20269	O&k American Corp.	7213913093	Granted	9/19/2019	Japan	11.2	YES	ALLOY STEEL	2019	5,307.6
20309	O&k American Corp.	7213990060	Granted	9/19/2019	Japan	20.8	NO	ALLOY STEEL	2019	42.4
20314	O&k American Corp.	7213990030	Granted	9/19/2019	Japan	14	YES	ALLOY STEEL	2019	55.8
20319	O&k American Corp.	7213913093	Granted	9/23/2019	Japan	5.5	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	42.4
20321	O&k American Corp.	7213913093	Granted	9/19/2019	Japan	5.5	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	42.4

20327	O&k American Corp.	7213913093	Granted	9/23/2019	Japan	5.5	YES	ALLOY STEEL	2019	2,024.6
20328	O&k American Corp.	7213913093	Granted	9/19/2019	Japan	5.5	YES	ALLOY STEEL	2019	2,024.6
20331	O&k American Corp.	7213913093	Granted	9/23/2019	Japan	7.2	YES	ALLOY STEEL	2019	2,772.5
20332	O&k American Corp.	7213913093	Granted	9/19/2019	Japan	7.5	YES	ALLOY STEEL	2019	2,772.5
20335	O&k American Corp.	7213913093	Granted	9/23/2019	Japan	11.5	YES	ALLOY STEEL	2019	289.8
20336	O&k American Corp.	7213913093	Granted	9/19/2019	Japan	11.5	YES	ALLOY STEEL	2019	289.8
20340	O&k American Corp.	7213990030	Granted	9/19/2019	Japan	14.3	YES	ALLOY STEEL	2019	83.3
20341	O&k American Corp.	7213990030	Granted	9/19/2019	Japan	14.3	YES	ALLOY STEEL	2019	83.3
20344	O&k American Corp.	7213990030	Granted	9/19/2019	Japan	15.6	YES	ALLOY STEEL	2019	83.1
20345	O&k American Corp.	7213990030	Granted	9/19/2019	Japan	15.6	YES	ALLOY STEEL	2019	83.1
20348	O&k American Corp.	7213990030	Granted	9/19/2019	Japan	16.6	YES	ALLOY STEEL	2019	85.5
20349	O&k American Corp.	7213990030	Granted	9/19/2019	Japan	16.6	YES	ALLOY STEEL	2019	85.5
20354	O&k American Corp.	7213913093	Granted	9/19/2019	Japan	8.4	YES	ALLOY STEEL	2019	42.9
20356	O&k American Corp.	7213913093	Granted	9/19/2019	Japan	8.4	YES	ALLOY STEEL	2019	42.9
20360	O&k American Corp.	7213913093	Granted	9/19/2019	Japan	9.9	YES	ALLOY STEEL	2019	179.8
20362	O&k American Corp.	7213913093	Granted	9/19/2019	Japan	9.9	YES	ALLOY STEEL	2019	179.8
20368	O&k American Corp.	7213990060	Granted	9/19/2019	Japan	20.6	NO	ALLOY STEEL	2019	408.9
20372	O&k American Corp.	7213990060	Granted	9/19/2019	Japan	24	NO	CARBON CHQ	2019	893.0
21124	New Dimension Metals Corp.	7213200010	Granted	9/23/2019	United Kingdo	17.26	NO	FREE MACHINING/CUTTING	2019	200.0
21135	New Dimension Metals Corp.	7213200010	Granted	9/24/2019	Germany	17.26	NO	FREE MACHINING/CUTTING	2019	200.0
21158	New Dimension Metals Corp.	7213200010	Granted	9/23/2019	United Kingdo	15.671	NO	FREE MACHINING/CUTTING	2019	0.0
21160	New Dimension Metals Corp.	7213200010	Granted	9/24/2019	Germany	15.671	NO	FREE MACHINING/CUTTING	2019	100.0
21187	New Dimension Metals Corp.	7213200010	Granted	9/25/2019	Germany	14.084	NO	FREE MACHINING/CUTTING	2019	100.0
21196	New Dimension Metals Corp.	7213200010	Granted	9/23/2019	Germany	14.084	NO	FREE MACHINING/CUTTING	2019	100.0
21693	Hercules Drawn Steel Corporation	7213200010	Granted	9/30/2019	Germany	10.96	NO	FREE MACHINING/CUTTING	2019	125.0
21712	Hercules Drawn Steel Corporation	7213200010	Granted	9/25/2019	Spain	15.7	NO	FREE MACHINING/CUTTING	2019	510.0
21714	Hercules Drawn Steel Corporation	7213200010	Granted	9/26/2019	Spain	7.81	NO	FREE MACHINING/CUTTING	2019	140.0
21716	Hercules Drawn Steel Corporation	7213200010	Granted	9/26/2019	Spain	12.52	NO	FREE MACHINING/CUTTING	2019	350.0
21717	Hercules Drawn Steel Corporation	7213200010	Granted	9/25/2019	Spain	17.26	NO	FREE MACHINING/CUTTING	2019	2,000.0
22162	New Dimension Metals Corp.	7213200010	Granted	9/27/2019	Spain	14.084	NO	FREE MACHINING/CUTTING	2019	100.0
22167	New Dimension Metals Corp.	7213200010	Granted	9/25/2019	Spain	17.26	NO	FREE MACHINING/CUTTING	2019	200.0
22172	New Dimension Metals Corp.	7213200010	Granted	9/26/2019	Spain	15.671	NO	FREE MACHINING/CUTTING	2019	100.0
23265	Toyota Tsusho America, Inc.	7213990030	Granted	3/10/2019	Japan	16.8	YES	CARBON CHQ	2019	240.0
23270	Toyota Tsusho America, Inc	7213990030	Granted	3/10/2019	Japan	17.7	YES	CARBON CHQ	2019	960.0
24787	New Dimension Metals Corp.	7213200010	Granted	10/10/2019	Germany	17.26	NO	FREE MACHINING/CUTTING	2019	200.0
26198	O&k American Corp.	7213913093	Granted	10/10/2019	Japan	12.7	YES	ALLOY STEEL	2019	50.3
26203	O&k American Corp.	7213913093	Granted	11/10/2019	Japan	8.4	YES	ALLOY STEEL	2019	51.7
26207	O&k American Corp.	7213913093	Granted	10/10/2019	Japan	7.2	YES	CARBON CHQ	2019	84.4

26214	O&k American Corp.	7213990030	Granted	10/18/2019	Japan	14	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	60.0
26216	O&k American Corp.	7213990030	Granted	10/10/2019	Japan	14	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	60.0
26230	O&k American Corp.	7213990030	Granted	10/10/2019	Japan	16	YES	ALLOY STEEL	2019	58.9
26237	O&k American Corp.	7213990030	Granted	10/15/2019	Japan	16	YES	ALLOY STEEL	2019	58.9
26239	O&k American Corp.	7213990030	Granted	10/10/2019	Japan	16	YES	ALLOY STEEL	2019	58.9
26253	O&k American Corp.	7213913093	Granted	10/10/2019	Japan	11.7	YES	ALLOY STEEL	2019	980.4
26426	O&k American Corp.	7213913093	Granted	10/22/2019	Japan	12.3	YES	ALLOY STEEL	2019	2,026.7
26428	O&k American Corp.	7213913093	Granted	10/10/2019	Japan	12.3	YES	ALLOY STEEL	2019	999.4
26432	O&k American Corp.	7213913093	Granted	10/18/2019	Japan	12.3	YES	ALLOY STEEL	2019	999.4
26433	O&k American Corp.	7213913093	Granted	11/10/2019	Japan	13	YES	ALLOY STEEL	2019	51.1
26435	O&k American Corp.	7213913093	Granted	10/16/2019	Japan	13	YES	ALLOY STEEL	2019	51.1
26457	O&k American Corp.	7213913093	Granted	10/15/2019	Japan	12	YES	ALLOY STEEL	2019	2,319.5
26459	O&k American Corp.	7213913093	Granted	10/18/2019	Japan	12.3	YES	ALLOY STEEL	2019	2,319.5
26466	O&k American Corp.	7213913093	Granted	10/21/2019	Japan	10	YES	CARBON CHQ	2019	985.3
26467	O&k American Corp.	7213913093	Granted	10/17/2019	Japan	10	YES	CARBON CHQ	2019	60.6
26469	O&k American Corp.	7213913093	Granted	10/18/2019	Japan	8	YES	ALLOY STEEL	2019	59.9
26472	O&k American Corp.	7213913093	Granted	10/16/2019	Japan	11.5	YES	ALLOY STEEL	2019	60.4
26475	O&k American Corp.	7213913093	Granted	10/17/2019	Japan	6	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	211.8
26476	O&k American Corp.	7213913093	Granted	10/17/2019	Japan	13.5	YES	CARBON CHQ	2019	44.4
26478	O&k American Corp.	7213913093	Granted	10/18/2019	Japan	11	YES	CARBON CHQ	2019	157.1
26479	O&k American Corp.	7213913093	Granted	11/10/2019	Japan	12	YES	CARBON CHQ	2019	170.1
26481	O&k American Corp.	7213990060	Granted	10/15/2019	Japan	27	NO	CARBON CHQ	2019	744.9
26482	O&k American Corp.	7213990060	Granted	10/15/2019	Japan	33	NO	CARBON CHQ	2019	79.2
26485	O&k American Corp.	7213990060	Granted	10/15/2019	Japan	33	NO	CARBON CHQ	2019	79.2
26486	O&k American Corp.	7213990060	Granted	10/15/2019	Japan	38	NO	CARBON CHQ	2019	460.7
26488	O&k American Corp.	7213990060	Granted	11/10/2019	Japan	38	NO	CARBON CHQ	2019	460.7
26489	O&k American Corp.	7213990060	Granted	10/15/2019	Japan	38	NO	CARBON CHQ	2019	378.5
26496	O&k American Corp.	7213913093	Granted	10/18/2019	Japan	9	YES	CARBON CHQ	2019	162.9
26501	O&k American Corp.	7213913093	Granted	10/10/2019	Japan	7	YES	CARBON CHQ	2019	337.3
26541	O&k American Corp.	7213913093	Granted	10/22/2019	Japan	10	YES	ALLOY STEEL	2019	55.8
26566	O&k American Corp.	7213913093	Granted	10/15/2019	Japan	13.5	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	4,398.2
26579	O&k American Corp.	7213913093	Granted	11/10/2019	Japan	8	YES	CARBON CHQ	2019	67.7
26599	O&k American Corp.	7213913093	Granted	10/18/2019	Japan	9.5	YES	CARBON CHQ	2019	217.8
26603	O&k American Corp.	7213913093	Granted	10/29/2019	Japan	10.3	YES	CARBON CHQ	2019	114.7
26607	O&k American Corp.	7213913093	Granted	11/10/2019	Japan	10.7	YES	CARBON CHQ	2019	50.0
26610	O&k American Corp.	7213913093	Granted	10/15/2019	Japan	13	YES	CARBON CHQ	2019	91.9
26613	O&k American Corp.	7213913093	Granted	10/17/2019	Japan	11.5	YES	CARBON CHQ	2019	386.8
26614	O&k American Corp.	7213913093	Granted	10/16/2019	Japan	12.4	YES	CARBON CHQ	2019	1,602.4

26617	O&k American Corp.	7213913093	Granted	10/15/2019	Japan	12.7	YES	CARBON CHQ	2019	838.8
26621	O&k American Corp.	7213913093	Granted	10/17/2019	Japan	13.6	YES	CARBON CHQ	2019	2,842.8
26626	O&k American Corp.	7213990030	Granted	10/15/2019	Japan	15	YES	CARBON CHQ	2019	119.4
26634	O&k American Corp.	7213990030	Granted	11/10/2019	Japan	16.3	YES	CARBON CHQ	2019	254.2
26637	O&k American Corp.	7213990030	Granted	10/15/2019	Japan	15.5	YES	CARBON CHQ	2019	94.7
26639	O&k American Corp.	7213990060	Granted	10/16/2019	Japan	20	NO	CARBON CHQ	2019	303.0
26690	O&k American Corp.	7213913093	Granted	10/16/2019	Japan	10	YES	CARBON CHQ	2019	255.8
26692	O&k American Corp.	7213913093	Granted	11/10/2019	Japan	11.5	YES	CARBON CHQ	2019	3,259.2
26694	O&k American Corp.	7213990030	Granted	10/17/2019	Japan	15.5	YES	CARBON CHQ	2019	314.3
26696	O&k American Corp.	7213990030	Granted	10/21/2019	Japan	15.5	YES	CARBON CHQ	2019	314.3
26698	O&k American Corp.	7213913093	Granted	10/15/2019	Japan	10.3	YES	CARBON CHQ	2019	121.9
26699	O&k American Corp.	7213913093	Granted	10/17/2019	Japan	11.5	YES	CARBON CHQ	2019	2,028.2
26962	O&k American Corp.	7213913093	Granted	10/22/2019	Japan	11.5	YES	CARBON CHQ	2019	2,028.2
26971	O&k American Corp.	7213990060	Granted	10/15/2019	Japan	22	NO	CARBON STEEL (DEACERO CAN MAKE)	2019	65.7
27052	O&k American Corp.	7213913093	Granted	10/23/2019	Japan	6.4	YES	CARBON CHQ	2019	71.5
27054	O&k American Corp.	7213913093	Granted	10/16/2019	Japan	6.4	YES	CARBON CHQ	2019	71.5
27105	O&k American Corp.	7213913093	Granted	10/17/2019	Japan	8.3	YES	CARBON CHQ	2019	398.0
27109	O&k American Corp.	7213913093	Granted	10/16/2019	Japan	8.3	YES	CARBON CHQ	2019	398.0
27148	O&k American Corp.	7213913093	Granted	10/16/2019	Japan	9.5	YES	ALLOY STEEL	2019	2,100.0
27150	O&k American Corp.	7213913093	Granted	10/15/2019	Japan	9.5	YES	ALLOY STEEL	2019	2,100.0
27166	O&k American Corp.	7213913093	Granted	10/17/2019	Japan	7.5	YES	ALLOY STEEL	2019	101.1
27167	O&k American Corp.	7213913093	Granted	10/15/2019	Japan	9.5	YES	ALLOY STEEL	2019	49.9
27188	O&k American Corp.	7213990030	Granted	10/16/2019	Japan	16	YES	CARBON CHQ	2019	81.7
27189	O&k American Corp.	7213990030	Granted	10/16/2019	Japan	16	YES	CARBON CHQ	2019	81.7
27191	O&k American Corp.	7213913093	Granted	10/29/2019	Japan	13	YES	CARBON CHQ	2019	1,090.9
27193	O&k American Corp.	7213913093	Granted	10/18/2019	Japan	13.5	YES	CARBON CHQ	2019	961.5
27328	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	10/17/2019	Japan	6	YES	CARBON CHQ	2019	40.0
27329	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	10/21/2019	Japan	9	YES	ALLOY STEEL	2019	360.0
27330	Nippon Steel Cold Heading Wire Indiana Inc.	7213990060	Granted	10/16/2019	Japan	22	NO	CARBON CHQ	2019	180.0
27331	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	10/16/2019	Japan	11	YES	CARBON CHQ	2019	144.0
28509	O&k American Corp.	7213990030	Granted	10/17/2019	Japan	17	YES	CARBON CHQ	2019	42.4
28511	O&k American Corp.	7213990030	Granted	10/17/2019	Japan	15	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	42.4
28513	O&k American Corp.	7213990030	Granted	10/18/2019	Japan	15	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	42.4
28514	O&k American Corp.	7213990030	Granted	10/15/2019	Japan	15	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	42.4
28516	O&k American Corp.	7213990030	Granted	10/17/2019	Japan	15	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	42.4
28519	O&k American Corp.	7213990030	Granted	10/17/2019	Japan	15	YES	ALLOY STEEL	2019	42.4
28520	O&k American Corp.	7213990030	Granted	10/17/2019	Japan	15	YES	ALLOY STEEL	2019	42.4
28522	O&k American Corp.	7213990030	Granted	10/22/2019	Japan	14	YES	CARBON CHQ	2019	1,517.4

28526	O&k American Corp.	7213990030	Granted	10/17/2019	Japan	15	YES	CARBON CHQ	2019	791.6
28528	O&k American Corp.	7213990030	Granted	10/17/2019	Japan	15	YES	CARBON CHQ	2019	1,087.3
28530	O&k American Corp.	7213990030	Granted	10/17/2019	Japan	17	YES	CARBON CHQ	2019	742.8
28531	O&k American Corp.	7213990060	Granted	10/22/2019	Japan	25	NO	CARBON CHQ	2019	691.5
28532	O&k American Corp.	7213990060	Granted	10/15/2019	Japan	25	NO	CARBON STEEL (DEACERO CAN MAKE)	2019	691.5
28533	O&k American Corp.	7213990060	Granted	10/17/2019	Japan	26	NO	CARBON CHQ	2019	42.4
28534	O&k American Corp.	7213990030	Granted	10/22/2019	Japan	16	YES	CARBON CHQ	2019	270.5
28535	O&k American Corp.	7213990030	Granted	10/17/2019	Japan	15	YES	CARBON CHQ	2019	42.4
28536	O&k American Corp.	7213990060	Granted	10/17/2019	Japan	20.3	NO	CARBON CHQ	2019	83.3
28538	O&k American Corp.	7213990060	Granted	10/15/2019	Japan	32	NO	CARBON CHQ	2019	204.4
28539	O&k American Corp.	7213990030	Granted	10/17/2019	Japan	15	YES	CARBON CHQ	2019	111.2
28540	O&k American Corp.	7213990030	Granted	10/22/2019	Japan	17	YES	CARBON CHQ	2019	42.4
28541	O&k American Corp.	7213990060	Granted	10/17/2019	Japan	20.3	NO	CARBON CHQ	2019	270.4
28543	O&k American Corp.	7213913093	Granted	10/22/2019	Japan	12.3	YES	CARBON CHQ	2019	1,602.4
28544	O&k American Corp.	7213913093	Granted	10/15/2019	Japan	12.7	YES	CARBON CHQ	2019	838.8
28545	O&k American Corp.	7213913093	Granted	10/17/2019	Japan	13.5	YES	CARBON CHQ	2019	2,842.8
28550	O&k American Corp.	7213990030	Granted	10/15/2019	Japan	14	YES	CARBON CHQ	2019	42.4
28551	O&k American Corp.	7213990030	Granted	10/17/2019	Japan	14	YES	CARBON CHQ	2019	41.9
28552	O&k American Corp.	7213990060	Granted	10/22/2019	Japan	20	NO	CARBON CHQ	2019	844.9
28554	O&k American Corp.	7213990060	Granted	10/17/2019	Japan	20	NO	CARBON CHQ	2019	844.9
28555	O&k American Corp.	7213990060	Granted	10/22/2019	Japan	24	NO	CARBON CHQ	2019	1,559.3
28556	O&k American Corp.	7213990030	Granted	10/15/2019	Japan	17	YES	CARBON CHQ	2019	2,493.3
28557	O&k American Corp.	7213990030	Granted	10/17/2019	Japan	17	YES	CARBON CHQ	2019	2,493.3
28558	O&k American Corp.	7213990030	Granted	10/22/2019	Japan	17	YES	CARBON CHQ	2019	3,101.0
28559	O&k American Corp.	7213990030	Granted	10/17/2019	Japan	18	YES	CARBON CHQ	2019	1,380.3
28560	O&k American Corp.	7213990030	Granted	10/17/2019	Japan	18	YES	CARBON CHQ	2019	1,380.3
28561	O&k American Corp.	7213990030	Granted	10/22/2019	Japan	18	YES	CARBON CHQ	2019	2,505.5
28562	O&k American Corp.	7213990060	Granted	10/15/2019	Japan	19	NO	CARBON CHQ	2019	3,315.4
28563	O&k American Corp.	7213990060	Granted	10/17/2019	Japan	19	NO	CARBON CHQ	2019	3,315.4
28564	O&k American Corp.	7213990060	Granted	10/22/2019	Japan	19	NO	CARBON CHQ	2019	6,543.7
28566	O&k American Corp.	7213990060	Granted	10/17/2019	Japan	24	NO	CARBON CHQ	2019	203.4
28567	O&k American Corp.	7213990060	Granted	10/22/2019	Japan	36	NO	CARBON CHQ	2019	148.8
28568	O&k American Corp.	7213990030	Granted	10/15/2019	Japan	16	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	260.1
28569	O&k American Corp.	7213990030	Granted	10/17/2019	Japan	16	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	260.1
28570	O&k American Corp.	7213990030	Granted	10/22/2019	Japan	16	YES	CARBON CHQ	2019	260.1
28573	O&k American Corp.	7213990030	Granted	10/17/2019	Japan	16	YES	CARBON CHQ	2019	260.1
28574	O&k American Corp.	7213990060	Granted	10/22/2019	Japan	20.3	NO	CARBON STEEL (DEACERO CAN MAKE)	2019	455.1
28575	O&k American Corp.	7213990060	Granted	10/15/2019	Japan	20.3	NO	CARBON STEEL (DEACERO CAN MAKE)	2019	455.1

28576	O&k American Corp.	7213990060	Granted	10/17/2019	Japan	20.3	NO	CARBON CHQ	2019	455.1
28577	O&k American Corp.	7213990060	Granted	10/22/2019	Japan	20.3	NO	CARBON CHQ	2019	455.1
28578	O&k American Corp.	7213990060	Granted	10/17/2019	Japan	20.3	NO	CARBON CHQ	2019	455.1
28579	O&k American Corp.	7213990060	Granted	10/17/2019	Japan	20.3	NO	CARBON CHQ	2019	455.1
28580	O&k American Corp.	7213990060	Granted	10/22/2019	Japan	20	NO	CARBON CHQ	2019	190.0
28581	O&k American Corp.	7213990060	Granted	10/15/2019	Japan	24	NO	CARBON CHQ	2019	700.7
28582	O&k American Corp.	7213990030	Granted	10/17/2019	Japan	15	YES	CARBON CHQ	2019	42.4
28583	O&k American Corp.	7213990030	Granted	10/22/2019	Japan	15	YES	CARBON CHQ	2019	7,181.0
28585	O&k American Corp.	7213990030	Granted	10/17/2019	Japan	15.5	YES	CARBON CHQ	2019	403.2
28587	O&k American Corp.	7213990030	Granted	10/22/2019	Japan	16.3	YES	CARBON CHQ	2019	1,752.4
28588	O&k American Corp.	7213990030	Granted	10/15/2019	Japan	17.5	YES	CARBON CHQ	2019	128.7
28589	O&k American Corp.	7213990030	Granted	10/17/2019	Japan	15.5	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	206.1
28590	O&k American Corp.	7213990030	Granted	10/22/2019	Japan	15.5	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	795.7
28592	O&k American Corp.	7213990030	Granted	10/17/2019	Japan	15.5	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	795.7
28593	O&k American Corp.	7213990030	Granted	10/22/2019	Japan	17	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	189.8
28595	O&k American Corp.	7213990030	Granted	10/17/2019	Japan	17	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	189.8
28596	O&k American Corp.	7213990030	Granted	10/22/2019	Japan	17	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	350.1
28598	O&k American Corp.	7213990030	Granted	10/29/2019	Japan	17	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	350.1
28599	O&k American Corp.	7213990030	Granted	10/22/2019	Japan	18	YES	CARBON CHQ	2019	155.2
28600	O&k American Corp.	7213990060	Granted	10/15/2019	Japan	19	NO	CARBON CHQ	2019	181.5
28601	O&k American Corp.	7213990030	Granted	10/17/2019	Japan	15.5	YES	CARBON CHQ	2019	81.8
28602	O&k American Corp.	7213990030	Granted	10/22/2019	Japan	15.5	YES	CARBON CHQ	2019	81.8
28603	O&k American Corp.	7213990030	Granted	10/18/2019	Japan	17	YES	CARBON CHQ	2019	369.9
28607	O&k American Corp.	7213990060	Granted	10/17/2019	Japan	19	NO	CARBON CHQ	2019	785.1
29823	Hercules Drawn Steel Corp	7213200080	Granted	10/22/2019	Germany	9.00176	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	40.0
29823	Hercules Drawn Steel Corp	7213200080	Granted	10/22/2019	France	9.00176	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	40.0
29828	Blue Ridge Metals Corp.	7213990060	Granted	10/18/2019	Japan	28	NO	ALLOY STEEL	2019	100.0
30144	MNP CORPORATION	7213913015	Granted	10/24/2019	Canada	13	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	21.3
30171	MNP CORPORATION	7213913015	Granted	10/22/2019	Japan	10.3	YES	CARBON CHQ	2019	42.4
30807	O&k American Corp.	7213913093	Granted	10/21/2019	Japan	12	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	42.4
30809	O&k American Corp.	7213913093	Granted	10/21/2019	Japan	12	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	42.4
30812	O&k American Corp.	7213913093	Granted	10/23/2019	Japan	12	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	42.4
30815	O&k American Corp.	7213913093	Granted	10/23/2019	Japan	9	YES	ALLOY STEEL	2019	42.4
30824	O&k American Corp.	7213913093	Granted	10/23/2019	Japan	13	YES	ALLOY STEEL	2019	42.4
30826	O&k American Corp.	7213913093	Granted	10/21/2019	Japan	13	YES	ALLOY STEEL	2019	42.4
30835	O&k American Corp.	7213913093	Granted	10/23/2019	Japan	8	YES	CARBON CHQ	2019	42.4
30837	O&k American Corp.	7213913093	Granted	10/23/2019	Japan	9.5	YES	CARBON CHQ	2019	42.4
30841	O&k American Corp.	7213913093	Granted	10/23/2019	Japan	10.3	YES	CARBON CHQ	2019	42.4

30846	O&k American Corp.	7213913093	Granted	10/21/2019	Japan		13	YES	CARBON CHQ	2019	42.4
30849	O&k American Corp.	7213990030	Granted	10/23/2019	Japan		17.5	YES	CARBON CHQ	2019	42.4
30853	O&k American Corp.	7213913093	Granted	10/23/2019	Japan		10.3	YES	CARBON CHQ	2019	42.4
30856	O&k American Corp.	7213990030	Granted	10/23/2019	Japan		17	YES	CARBON CHQ	2019	42.4
30862	O&k American Corp.	7213990030	Granted	10/23/2019	Japan		17	YES	CARBON CHQ	2019	42.4
30865	O&k American Corp.	7213990060	Granted	10/23/2019	Japan		19	NO	CARBON CHQ	2019	42.4
30870	O&k American Corp.	7213990060	Granted	10/22/2019	Japan		19	NO	CARBON CHQ	2019	42.4
30874	O&k American Corp.	7213990060	Granted	10/21/2019	Japan		19	NO	CARBON CHQ	2019	42.4
6036	Schaeffler Group USA Inc.	7227902030	Granted	7/30/2019	Germany	NA					
								NO	BALL BEARING STEEL	2019	3,500.0
6086	Schaeffler Group USA Inc.	7227902030	Granted	7/30/2019	Germany	NA		NO	BALL BEARING STEEL	2019	1,200.0
6092	Schaeffler Group USA Inc.	7227902030	Granted	7/30/2019	Germany	NA		NO	BALL BEARING STEEL	2019	500.0
6100	Schaeffler Group USA Inc.	7227902030	Granted	7/30/2019	Germany	NA		NO	BALL BEARING STEEL	2019	700.0
7117	Blue Ridge Metals Corp	7227906035	Granted	7/30/2019	Japan		17.5	YES	ALLOY STEEL	2019	60.0
7279	Topura America Fastener, Inc.	7227906010	Granted	8/1/2020	Japan		7.5	YES	ALLOY STEEL	2020	648.0
7784	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	5/8/2019	Japan		6.3	YES	CARBON CHQ	2019	286.0
7975	MNP CORPORATION	7227906010	Granted	10/31/2019	Canada		11	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	440.6
8197	Indiana Automotive Fasteners Inc.	7227906030	Granted	9/8/2019	Japan		6.3	YES	CARBON BOF	2019	286.0
8198	Indiana Automotive Fasteners Inc.	7227906030	Granted	6/8/2019	Japan		6.3	YES	CARBON BOF	2019	286.0
8201	Indiana Automotive Fasteners Inc.	7227906030	Granted	1/8/2019	Japan		6.3	YES	CARBON BOF	2019	286.0
8223	Indiana Automotive Fasteners Inc.	7227906030	Granted	6/8/2019	Japan		8.8	YES	CARBON BOF	2019	294.0
8224	Indiana Automotive Fasteners Inc.	7227906030	Granted	9/8/2019	Japan		8.8	YES	CARBON BOF	2019	294.0
8226	Indiana Automotive Fasteners Inc.	7227906030	Granted	1/8/2019	Japan		8.8	YES	CARBON BOF	2019	294.0
8238	Indiana Automotive Fasteners Inc.	7227906030	Granted	2/8/2019	Japan		11.3	YES	CARBON BOF	2019	376.0
8244	Indiana Automotive Fasteners Inc.	7227906030	Granted	6/8/2019	Japan		11.3	YES	CARBON BOF	2019	376.0
8246	Indiana Automotive Fasteners Inc.	7227906030	Granted	2/8/2019	Japan		11.3	YES	CARBON BOF	2019	376.0
8255	Indiana Automotive Fasteners Inc.	7227906035	Granted	9/8/2019	Japan		14	YES	CARBON BOF	2019	50.0
8261	Indiana Automotive Fasteners Inc.	7227906035	Granted	6/8/2019	Japan		14	YES	CARBON BOF	2019	50.0
8268	Indiana Automotive Fasteners Inc.	7227906035	Granted	6/8/2019	Japan		14	YES	CARBON BOF	2019	50.0
8357	Dexter Fastener Technologies, Inc.	7227906010	Granted	5/8/2019	Japan		14	YES	ALLOY STEEL	2019	1,800.0
8963	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	7/8/2019	Japan		5	YES	ALLOY CHQ	2019	60.0
9123	ASWPengg	7227906030	Granted	8/8/2019	Japan		7.75	YES	ALLOY STEEL	2019	1,500.0

9357	Nippon Steel Trading Americas, Inc.	7227902060	Granted	8/15/2019	Japan	5.5	NO	BALL BEARING STEEL	2019	20.0
9362	Nippon Steel Trading Americas, Inc.	7227902060	Granted	8/19/2019	Japan	12	NO	BALL BEARING STEEL	2019	350.0
9365	Nippon Steel Trading Americas, Inc.	7227902060	Granted	8/8/2019	Japan	9	NO	BALL BEARING STEEL	2019	103.5
9371	Nippon Steel Trading Americas, Inc.	7227902060	Granted	8/8/2019	Japan	13	NO	BALL BEARING STEEL	2019	260.0
9373	Nippon Steel Trading Americas, Inc.	7227902060	Granted	8/8/2019	Japan	7.7	NO	BALL BEARING STEEL	2019	40.0
9375	Nippon Steel Trading Americas, Inc.	7227902060	Granted	8/15/2019	Japan	7.2	NO	BALL BEARING STEEL	2019	400.0
9376	Nippon Steel Trading Americas, Inc.	7227902060	Granted	8/14/2019	Japan	8.5	NO	BALL BEARING STEEL	2019	50.0
9378	Nippon Steel Trading Americas, Inc.	7227902060	Granted	8/8/2019	Japan	6	NO	BALL BEARING STEEL	2019	8.0
9381	Nippon Steel Trading Americas, Inc.	7227902060	Granted	8/8/2019	Japan	8.2	NO	BALL BEARING STEEL	2019	50.0
9386	Nippon Steel Trading Americas, Inc.	7227902060	Granted	8/14/2019	Japan	7	NO	BALL BEARING STEEL	2019	3.0
9391	Nippon Steel Trading Americas, Inc.	7227902060	Granted	8/19/2019	Japan	9.3	NO	BALL BEARING STEEL	2019	1,500.0
9394	Nippon Steel Trading Americas, Inc.	7227902060	Granted	8/8/2019	Japan	10	NO	BALL BEARING STEEL	2019	200.0
9397	Nippon Steel Trading Americas, Inc.	7227902060	Granted	8/8/2019	Japan	18	NO	BALL BEARING STEEL	2019	15.0
9399	Nippon Steel Trading Americas, Inc.	7227902060	Granted	8/15/2019	Japan	17	NO	BALL BEARING STEEL	2019	20.0
9651	Suzuki Garphyttan Corporation	7227906030	Granted	9/8/2019	Japan	8.8				
							YES	ALLOY STEEL	2019	300.0
9652	Suzuki Garphyttan Corporation	7227906030	Granted	8/13/2019	Japan	7.8	YES	ALLOY STEEL	2019	300.0
9653	Suzuki Garphyttan Corporation	7227906030	Granted	9/8/2019	Japan	8.8	YES	ALLOY STEEL	2019	500.0
9654	Suzuki Garphyttan Corporation	7227906030	Granted	8/19/2019	Japan	7.8	YES	ALLOY STEEL	2019	300.0
9655	Suzuki Garphyttan Corporation	7227906030	Granted	8/15/2019	Japan	8.8	YES	ALLOY STEEL	2019	500.0
9656	Suzuki Garphyttan Corporation	7227906030	Granted	8/13/2019	Japan	5.3	YES	ALLOY STEEL	2019	300.0
9657	Suzuki Garphyttan Corporation	7227906030	Granted	9/8/2019	Japan	6.3	YES	ALLOY STEEL	2019	300.0
9848	MNP CORPORATION	7227906010	Granted	10/31/2019	Canada	14.7	YES	ALLOY STEEL	2019	317.9
9853	MNP CORPORATION	7227906010	Granted	10/31/2019	Canada	13.5	YES	ALLOY STEEL	2019	14.5
9899	Suzuki Garphyttan Corporation	7227906030	Granted	9/8/2019	Germany	7.8				
							YES	ALLOY STEEL	2019	300.0

9908	Suzuki Garphyttan Corporation	7227906030	Granted	8/19/2019	Germany		9.3				
								YES	ALLOY STEEL	2019	500.0
10023	MNP CORPORATION	7227906010	Granted	10/31/2019	Canada		10.3	YES	ALLOY STEEL	2019	42.2
11152	Shannon Precision Fasteners, LLC	7227906010	Granted	10/31/2019	Canada		10.25	YES	ALLOY STEEL	2019	432.0
11595	SB Specialty Metals LLC	7227100000	Granted	8/14/2019	China	NA		NO	TOOL STEEL	2019	50.0
11597	SB Specialty Metals LLC	7227100000	Granted	8/14/2019	China	NA		NO	TOOL STEEL	2019	50.0
11598	SB Specialty Metals LLC	7227100000	Granted	8/14/2019	China	NA		NO	TOOL STEEL	2019	50.0
11599	SB Specialty Metals LLC	7227100000	Granted	8/14/2019	China	NA		NO	TOOL STEEL	2019	50.0
11600	SB Specialty Metals LLC	7227100000	Granted	8/14/2019	China	NA		NO	TOOL STEEL	2019	50.0
11603	SB Specialty Metals LLC	7227100000	Granted	8/14/2019	China	NA		NO	TOOL STEEL	2019	50.0
11776	Topura America Fastener, Inc.	7227906010	Granted	8/14/2019	Japan		13.5	YES	ALLOY STEEL	2019	17.7
11839	Shannon Precision Fasteners, LLC	7227906010	Granted	10/31/2019	Canada		14.05	YES	ALLOY STEEL	2019	108.0
11849	Shannon Precision Fasteners, LLC	7227906010	Granted	10/31/2019	Canada		15.65	YES	ALLOY STEEL	2019	108.0
11856	Shannon Precision Fasteners, LLC	7227906010	Granted	10/31/2019	Canada		16.25	YES	ALLOY STEEL	2019	72.0
11864	Shannon Precision Fasteners, LLC	7227906010	Granted	10/31/2019	Canada		11.25	YES	ALLOY STEEL	2019	196.0
12986	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	8/16/2019	Japan		6	YES	ALLOY STEEL	2019	220.0
12988	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	8/16/2019	Japan		8.1	YES	ALLOY STEEL	2019	420.0
12991	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	8/16/2019	Japan		9.3	YES	ALLOY STEEL	2019	120.0
13934	MNP CORPORATION	7227906010	Granted	10/31/2019	Canada		7.5	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	284.3
13940	MNP CORPORATION	7227906010	Granted	10/31/2019	Canada		13.5	YES	ALLOY STEEL	2019	14.5
14034	Liberty Wire Johnstown	7227906090	Granted	8/21/2019	Germany	NA			ALLOY STEEL	2019	180.0
14047	Liberty Wire Johnstown	7227906090	Granted	8/21/2019	Germany	NA			ALLOY STEEL	2019	74.0
14053	Liberty Wire Johnstown	7227906090	Granted	8/21/2019	Germany	NA			ALLOY STEEL	2019	36.0
14063	Liberty Wire Johnstown	7227906090	Granted	8/21/2019	Germany	NA			ALLOY STEEL	2019	18.0
14076	Liberty Wire Johnstown	7227906090	Granted	8/21/2019	Germany	NA			ALLOY STEEL	2019	16.0
14087	Liberty Wire Johnstown	7227906090	Granted	8/21/2019	Germany	NA			ALLOY STEEL	2019	12.0
14094	Liberty Wire Johnstown	7227906090	Granted	8/21/2019	Germany	NA			ALLOY STEEL	2019	6.0
14109	Liberty Wire Johnstown	7227906090	Granted	8/20/2019	Germany	NA			ALLOY STEEL	2019	180.0
14116	Liberty Wire Johnstown	7227906090	Granted	8/20/2019	Germany	NA			ALLOY CHQ	2019	74.0
14123	Liberty Wire Johnstown	7227906090	Granted	8/20/2019	Germany	NA			ALLOY STEEL	2019	36.0
14467	MNP CORPORATION	7227906010	Granted	10/31/2019	Canada		14.7	YES	ALLOY STEEL	2019	252.9
14513	MNP CORPORATION	7227906010	Granted	10/31/2019	Canada		11	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	440.6

14683	NSK Corporation	7227901030	Granted	8/22/2019	Japan		6.3				
								NO	BALL BEARING STEEL	2019	300.0
14700	NSK Corporation	7227901030	Granted	8/22/2019	Japan		11	NO	BALL BEARING STEEL	2019	300.0
14818	Okaya (U.S.A.), INC.	7227902060	Granted	8/23/2019	Japan		6	YES	ALLOY STEEL	2019	1,250.0
16604	Metal One America, Inc.	7227906035	Granted	8/26/2019	Japan		17.75	YES	ALLOY STEEL	2019	540.0
16626	Metal One America, Inc.	7227906030	Granted	8/26/2019	Japan		12.05	YES	ALLOY STEEL	2019	90.0
16632	Metal One America, Inc.	7227906035	Granted	8/28/2019	Japan		17.25	YES	ALLOY STEEL	2019	30.0
16647	Metal One America, Inc.	7227906035	Granted	8/26/2019	Japan		15.25	YES	ALLOY BOF	2019	1,275.0
16658	Metal One America, Inc.	7227906035	Granted	10/9/2019	Japan		14.75	YES	ALLOY BOF	2019	3,000.0
16666	Metal One America, Inc.	7227906035	Granted	8/29/2019	Japan		18.45	YES	ALLOY STEEL	2019	105.0
16672	Metal One America, Inc.	7227906040	Granted	3/9/2019	Japan		20.75	NO	ALLOY STEEL	2019	120.0
17029	Topura America Fastener, Inc.	7227906010	Granted	8/28/2019	Japan		7.5	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	648.0
17310	Topura America Fastener, Inc.	7227906010	Granted	4/9/2019	Japan		13.5	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	108.0
17364	Topura America Fastener, Inc.	7227906010	Granted	8/27/2019	Japan		9.5	YES	ALLOY STEEL	2019	489.7
18039	Schaeffler Group USA Inc.	7227902030	Granted	5/9/2019	Japan		11	NO	BALL BEARING STEEL	2019	300.0
18041	Schaeffler Group USA Inc.	7227902030	Granted	6/9/2019	Japan		13	NO	BALL BEARING STEEL	2019	300.0
18043	Schaeffler Group USA Inc.	7227902030	Granted	5/9/2019	Japan		13.5	NO	BALL BEARING STEEL	2019	300.0
18044	Schaeffler Group USA Inc.	7227902030	Granted	8/29/2019	Japan		15	NO	BALL BEARING STEEL	2019	200.0
18045	Schaeffler Group USA Inc.	7227902030	Granted	5/9/2019	Japan		16.3	NO	BALL BEARING STEEL	2019	500.0
18047	Schaeffler Group USA Inc.	7227902060	Granted	6/9/2019	Japan	NA		NO	BALL BEARING STEEL	2019	3,500.0
18048	Schaeffler Group USA Inc.	7227902060	Granted	3/9/2019	Japan		5.5	NO	BALL BEARING STEEL	2019	3,500.0
18049	Schaeffler Group USA Inc.	7227902060	Granted	6/9/2019	Japan		11	NO	BALL BEARING STEEL	2019	300.0
18051	Schaeffler Group USA Inc.	7227902060	Granted	6/9/2019	Japan		13	NO	BALL BEARING STEEL	2019	300.0
18052	Schaeffler Group USA Inc.	7227902060	Granted	8/28/2019	Japan		13.5	NO	BALL BEARING STEEL	2019	300.0
18054	Schaeffler Group USA Inc.	7227902060	Granted	3/9/2019	Japan		14	NO	BALL BEARING STEEL	2019	600.0
18056	Schaeffler Group USA Inc.	7227902060	Granted	8/29/2019	Japan		15	NO	BALL BEARING STEEL	2019	200.0
18059	Schaeffler Group USA Inc.	7227902060	Granted	8/28/2019	Japan		16.3	NO	BALL BEARING STEEL	2019	500.0
18062	Schaeffler Group USA Inc.	7227902060	Granted	6/9/2019	Japan		20	NO	BALL BEARING STEEL	2019	400.0
18079	Schaeffler Group USA Inc.	7227902060	Granted	3/9/2019	Japan		12	NO	BALL BEARING STEEL	2019	25.0

18264	MNP CORPORATION	7227906010	Granted	10/31/2019	Canada	13.5	YES	ALLOY STEEL	2019	14.5
18969	Mubea Inc.	7227906030	Granted	3/9/2019	Germany	12	YES	ALLOY STEEL	2019	142.0
18979	Mubea Inc.	7227906030	Granted	3/9/2019	Germany	13	YES	ALLOY BOF	2019	144.0
18994	Mubea Inc.	7227906035	Granted	5/9/2019	Germany	14	YES	ALLOY BOF	2019	460.0
19253	MNP CORPORATION	7227906010	Granted	9/10/2019	Canada	11	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	440.6
19259	MNP CORPORATION	7227906010	Granted	9/10/2019	Canada	14.7	YES	ALLOY STEEL	2019	252.9
19273	MNP CORPORATION	7227906010	Granted	9/10/2019	Canada	7.5	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	284.3
20260	O&k American Corp.	7227906030	Granted	9/19/2019	Japan	7.2	YES	ALLOY STEEL	2019	12,314.3
20262	O&k American Corp.	7227906030	Granted	9/19/2019	Japan	7.2	YES	ALLOY STEEL	2019	12,314.3
20263	O&k American Corp.	7227906030	Granted	9/23/2019	Japan	5.2	YES	ALLOY STEEL	2019	6,153.6
20264	O&k American Corp.	7227906030	Granted	9/19/2019	Japan	5.2	YES	ALLOY STEEL	2019	6,153.6
20272	O&k American Corp.	7227906030	Granted	9/19/2019	Japan	11.2	YES	ALLOY STEEL	2019	5,307.6
20273	O&k American Corp.	7227906030	Granted	9/19/2019	Japan	11.2	YES	ALLOY STEEL	2019	5,307.6
20311	O&k American Corp.	7227906040	Granted	9/23/2019	Japan	20.8	NO	ALLOY STEEL	2019	42.4
20316	O&k American Corp.	7227906030	Granted	9/19/2019	Japan	5.37	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	718.4
20317	O&k American Corp.	7227906030	Granted	9/19/2019	Japan	5.37	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	718.4
20322	O&k American Corp.	7227906030	Granted	9/19/2019	Japan	5.37	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	42.4
20325	O&k American Corp.	7227906030	Granted	9/19/2019	Japan	5.37	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	42.4
20329	O&k American Corp.	7227906030	Granted	9/19/2019	Japan	5.2	YES	ALLOY STEEL	2019	2,024.6
20330	O&k American Corp.	7227906030	Granted	9/19/2019	Japan	5.2	YES	ALLOY STEEL	2019	2,024.6
20333	O&k American Corp.	7227906030	Granted	9/19/2019	Japan	7.2	YES	ALLOY STEEL	2019	2,772.5
20334	O&k American Corp.	7227906030	Granted	9/19/2019	Japan	7.2	YES	ALLOY STEEL	2019	2,772.5
20337	O&k American Corp.	7227906030	Granted	9/19/2019	Japan	11.2	YES	ALLOY STEEL	2019	289.8
20338	O&k American Corp.	7227906030	Granted	9/19/2019	Japan	11.2	YES	ALLOY STEEL	2019	289.8
20342	O&k American Corp.	7227906035	Granted	9/19/2019	Japan	14	YES	ALLOY STEEL	2019	83.3
20343	O&k American Corp.	7227906035	Granted	9/23/2019	Japan	14	YES	ALLOY STEEL	2019	83.3
20346	O&k American Corp.	7227906035	Granted	9/19/2019	Japan	15.6	YES	ALLOY STEEL	2019	83.1
20347	O&k American Corp.	7227906035	Granted	9/23/2019	Japan	15.6	YES	ALLOY STEEL	2019	83.1
20350	O&k American Corp.	7227906035	Granted	9/19/2019	Japan	16.6	YES	ALLOY STEEL	2019	85.5
20351	O&k American Corp.	7227906035	Granted	9/23/2019	Japan	16.6	YES	ALLOY STEEL	2019	85.5
20352	O&k American Corp.	7227906030	Granted	9/19/2019	Japan	5.2	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	2,981.7
20353	O&k American Corp.	7227906030	Granted	9/19/2019	Japan	5.2	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	2,981.7
20357	O&k American Corp.	7227906030	Granted	9/19/2019	Japan	8.4	YES	ALLOY STEEL	2019	42.9
20358	O&k American Corp.	7227906030	Granted	9/19/2019	Japan	8.4	YES	ALLOY STEEL	2019	42.9
20364	O&k American Corp.	7227906030	Granted	9/19/2019	Japan	9.9	YES	ALLOY STEEL	2019	179.8
20367	O&k American Corp.	7227906030	Granted	9/23/2019	Japan	9.9	YES	ALLOY STEEL	2019	179.8
20370	O&k American Corp.	7227906040	Granted	9/19/2019	Japan	20.6	NO	ALLOY STEEL	2019	408.9
20467	Universal Bearings, LLC	7227901060	Granted	9/20/2019	Japan	11.9	NO	BALL BEARING STEEL	2019	330.0

22056	Cold Heading Company	7227906010	Granted	9/26/2019	Canada	6	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	10.0
22188	MNP CORPORATION	7227906010	Granted	11/19/2019	Canada	13.5	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	337.6
22355	Cold Heading Company	7227906010	Granted	9/30/2019	Canada	7	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	124.7
22375	Cold Heading Company	7227906010	Granted	2/12/2019	Canada	8	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	59.9
22392	Cold Heading Company	7227906010	Granted	1/10/2019	Canada	9	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	134.7
22397	Stanley Black & Decker	7227902060	Granted	1/10/2019	Austria	5.4864	NO	BALL BEARING STEEL	2019	340.2
22398	Stanley Black & Decker	7227902060	Granted	1/10/2019	Sweden	5.4864	NO	BALL BEARING STEEL	2019	340.2
22400	Stanley Black & Decker	7227902060	Granted	1/10/2019	China	5.4864	NO	BALL BEARING STEEL	2019	340.2
22696	Cold Heading Company	7227906010	Granted	11/29/2019	Canada	10	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	637.3
22718	Cold Heading Company	7227906010	Granted	2/12/2019	Canada	10	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	5.0
22735	Cold Heading Company	7227906010	Granted	3/10/2019	Canada	11	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	469.0
22766	Cold Heading Company	7227906010	Granted	2/12/2019	Canada	11	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	114.8
22775	Cold Heading Company	7227906010	Granted	3/10/2019	Canada	12	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	150.4
22780	Cold Heading Company	7227906010	Granted	9/26/2019	Canada	13	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	69.9
23278	Toyota Tsusho America, Inc	7227906040	Granted	8/10/2019	Japan	29.8	NO	ALLOY STEEL	2019	60.0
23284	Toyota Tsusho America, Inc	7227906040	Granted	4/10/2019	Japan	31.7	NO	ALLOY STEEL	2019	300.0
25192	Schaeffler Group USA Inc.	7227902030	Granted	8/10/2019	Japan	5.5	NO	BALL BEARING STEEL	2019	3,500.0
25246	Stanley Black & Decker	7227100000	Granted	10/22/2019	Sweden	14	NO	TOOL STEEL	2019	6.0
26056	Mubea Inc.	7227906030	Granted	11/10/2019	Germany	12	YES	ALLOY STEEL	2019	1,500.0
26095	Mubea Inc.	7227906030	Granted	11/10/2019	Germany	13	YES	ALLOY STEEL	2019	1,500.0
26105	Mubea Inc.	7227906040	Granted	10/16/2019	Germany	19	NO	ALLOY STEEL	2019	5,500.0
26122	Mubea Inc.	7227906035	Granted	11/10/2019	Germany	18	YES	ALLOY STEEL	2019	5,500.0
26126	Mubea Inc.	7227906035	Granted	10/10/2019	Germany	14	YES	ALLOY STEEL	2019	8,000.0
26155	O&k American Corp.	7227906030	Granted	10/15/2019	Japan	8.7	YES	ALLOY STEEL	2019	76.1
26176	Mubea Inc.	7227906035	Granted	11/10/2019	Germany	17	YES	ALLOY STEEL	2019	2,000.0
26183	Mubea Inc.	7227906035	Granted	11/10/2019	Germany	16	YES	ALLOY STEEL	2019	10,500.0
26192	Mubea Inc.	7227906035	Granted	11/10/2019	Germany	15	YES	ALLOY STEEL	2019	12,000.0
26219	O&k American Corp.	7227906030	Granted	11/10/2019	Japan	10	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	177.7
26223	O&k American Corp.	7227906030	Granted	10/15/2019	Japan	10	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	177.7
26225	O&k American Corp.	7227906030	Granted	10/10/2019	Japan	10	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	177.7
26226	O&k American Corp.	7227906030	Granted	10/15/2019	Japan	10	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	177.7
26244	O&k American Corp.	7227906035	Granted	10/10/2019	Japan	15.6	YES	ALLOY STEEL	2019	58.9
26249	O&k American Corp.	7227906035	Granted	10/15/2019	Japan	15.6	YES	ALLOY STEEL	2019	58.9
26252	Cold Heading Company	7227906010	Granted	10/18/2019	Canada	14	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	134.7
26257	O&k American Corp.	7227906030	Granted	10/10/2019	Japan	5.2	YES	ALLOY STEEL	2019	6,153.6
26260	O&k American Corp.	7227906030	Granted	10/15/2019	Japan	5.2	YES	ALLOY STEEL	2019	6,153.6
26263	O&k American Corp.	7227906030	Granted	10/15/2019	Japan	7.2	YES	ALLOY STEEL	2019	12,314.3

26266	O&k American Corp.	7227906030	Granted	10/10/2019	Japan	7.2	YES	ALLOY STEEL	2019	12,314.3
26271	O&k American Corp.	7227906035	Granted	10/10/2019	Japan	14	YES	ALLOY STEEL	2019	3,888.7
26275	O&k American Corp.	7227906035	Granted	10/10/2019	Japan	14	YES	ALLOY STEEL	2019	988.8
26277	O&k American Corp.	7227906035	Granted	10/16/2019	Japan	14.7	YES	ALLOY STEEL	2019	670.7
26279	O&k American Corp.	7227906030	Granted	10/18/2019	Japan	7.7	YES	ALLOY STEEL	2019	1,400.4
26283	O&k American Corp.	7227906030	Granted	10/15/2019	Japan	8.7	YES	ALLOY STEEL	2019	1,056.9
26284	Cold Heading Company	7227906010	Granted	10/10/2019	Canada	15	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	140.1
26287	O&k American Corp.	7227906030	Granted	10/15/2019	Japan	9.2	YES	ALLOY STEEL	2019	9,680.6
26290	O&k American Corp.	7227906030	Granted	10/15/2019	Japan	9.2	YES	ALLOY STEEL	2019	9,680.6
26300	Cold Heading Company	7227906010	Granted	10/21/2019	Canada	16	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	29.9
26310	Cold Heading Company	7227906010	Granted	11/27/2019	Canada	14	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	72.1
26320	Cold Heading Company	7227906010	Granted	10/10/2019	Canada	9	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	39.9
26324	Cold Heading Company	7227906010	Granted	10/18/2019	Canada	10	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	34.9
26438	O&k American Corp.	7227906030	Granted	10/17/2019	Japan	8.7	YES	ALLOY STEEL	2019	5,836.2
26439	O&k American Corp.	7227906030	Granted	10/17/2019	Japan	9.9	YES	ALLOY STEEL	2019	6,025.8
26442	O&k American Corp.	7227906030	Granted	11/10/2019	Japan	12.7	YES	ALLOY STEEL	2019	127.3
26445	O&k American Corp.	7227906030	Granted	10/15/2019	Japan	12.7	YES	ALLOY STEEL	2019	59.1
26447	O&k American Corp.	7227906035	Granted	10/15/2019	Japan	16.6	YES	ALLOY STEEL	2019	800.4
26449	O&k American Corp.	7227906040	Granted	10/15/2019	Japan	23.6	NO	ALLOY STEEL	2019	4,362.4
26451	O&k American Corp.	7227906030	Granted	11/10/2019	Japan	10.4	YES	ALLOY STEEL	2019	3,114.6
26452	O&k American Corp.	7227906030	Granted	10/15/2019	Japan	10.4	YES	ALLOY STEEL	2019	3,114.6
26454	O&k American Corp.	7227906030	Granted	10/15/2019	Japan	10.4	YES	ALLOY STEEL	2019	3,114.6
26455	O&k American Corp.	7227906030	Granted	10/10/2019	Japan	10.4	YES	ALLOY STEEL	2019	3,114.6
26461	O&k American Corp.	7227906030	Granted	10/15/2019	Japan	12	YES	ALLOY STEEL	2019	2,319.5
26463	O&k American Corp.	7227906030	Granted	10/15/2019	Japan	12	YES	ALLOY STEEL	2019	2,319.5
26491	O&k American Corp.	7227906030	Granted	10/15/2019	Japan	7.2	YES	ALLOY STEEL	2019	80.0
26492	O&k American Corp.	7227906030	Granted	10/10/2019	Japan	9.2	YES	ALLOY STEEL	2019	191.9
26495	O&k American Corp.	7227906030	Granted	10/15/2019	Japan	11.6	YES	ALLOY STEEL	2019	223.5
26643	O&k American Corp.	7227906030	Granted	11/10/2019	Japan	6.7	YES	ALLOY STEEL	2019	263.4
26644	O&k American Corp.	7227906030	Granted	10/15/2019	Japan	6.7	YES	ALLOY STEEL	2019	263.4
26647	O&k American Corp.	7227906030	Granted	11/10/2019	Japan	9.2	YES	ALLOY STEEL	2019	296.6
26650	O&k American Corp.	7227906030	Granted	10/17/2019	Japan	10.7	YES	ALLOY STEEL	2019	134.4
26656	O&k American Corp.	7227906030	Granted	11/10/2019	Japan	11.7	YES	ALLOY STEEL	2019	1,238.5
26666	O&k American Corp.	7227906030	Granted	10/17/2019	Japan	12.7	YES	ALLOY STEEL	2019	190.8
26669	O&k American Corp.	7227906035	Granted	10/21/2019	Japan	14.7	YES	ALLOY STEEL	2019	1,589.1
26670	O&k American Corp.	7227906035	Granted	11/10/2019	Japan	16.6	YES	ALLOY STEEL	2019	226.0
26673	O&k American Corp.	7227906035	Granted	10/16/2019	Japan	17.6	YES	ALLOY STEEL	2019	62.6
26676	O&k American Corp.	7227906040	Granted	10/17/2019	Japan	21.6	NO	ALLOY STEEL	2019	365.1

26680	O&k American Corp.	7227906030	Granted	10/15/2019	Japan	12.7	YES	ALLOY STEEL	2019	92.4
26685	O&k American Corp.	7227906035	Granted	10/17/2019	Japan	14	YES	ALLOY STEEL	2019	233.3
26691	Cold Heading Company	7227906010	Granted	11/27/2019	Canada	11	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	159.7
26702	Cold Heading Company	7227906010	Granted	10/17/2019	Canada	12	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	49.9
26714	Cold Heading Company	7227906010	Granted	10/17/2019	Canada	9	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	24.9
26937	Cold Heading Company	7227906010	Granted	10/21/2019	Canada	9	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	79.8
26973	Cold Heading Company	7227906010	Granted	11/29/2019	Canada	10	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	134.7
26975	O&k American Corp.	7227906030	Granted	10/17/2019	Japan	9.9	YES	ALLOY STEEL	2019	271.3
26979	O&k American Corp.	7227906030	Granted	10/15/2019	Japan	5.2	YES	ALLOY STEEL	2019	893.8
26983	O&k American Corp.	7227906030	Granted	10/18/2019	Japan	5.2	YES	ALLOY STEEL	2019	893.8
26986	O&k American Corp.	7227906030	Granted	10/21/2019	Japan	7.2	YES	ALLOY STEEL	2019	1,619.3
26989	O&k American Corp.	7227906030	Granted	10/16/2019	Japan	7.2	YES	ALLOY STEEL	2019	1,619.3
26993	O&k American Corp.	7227906030	Granted	10/17/2019	Japan	10	YES	ALLOY STEEL	2019	325.3
26998	O&k American Corp.	7227906030	Granted	10/15/2019	Japan	10	YES	ALLOY STEEL	2019	325.3
27001	O&k American Corp.	7227906030	Granted	10/17/2019	Japan	11.2	YES	ALLOY STEEL	2019	398.1
27005	O&k American Corp.	7227906030	Granted	10/16/2019	Japan	11.2	YES	ALLOY STEEL	2019	398.1
27011	O&k American Corp.	7227906030	Granted	10/16/2019	Japan	7.2	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	175.4
27015	O&k American Corp.	7227906030	Granted	10/17/2019	Japan	7.2	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	175.4
27016	O&k American Corp.	7227906030	Granted	10/18/2019	Japan	8	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	861.3
27018	O&k American Corp.	7227906030	Granted	10/22/2019	Japan	8	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	861.3
27019	Cold Heading Company	7227906010	Granted	10/16/2019	Canada	11	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	863.0
27020	O&k American Corp.	7227906030	Granted	10/16/2019	Japan	9.2	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	213.0
27022	O&k American Corp.	7227906030	Granted	10/15/2019	Japan	9.2	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	213.0
27025	O&k American Corp.	7227906030	Granted	10/16/2019	Japan	9.2	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	213.0
27027	O&k American Corp.	7227906030	Granted	10/16/2019	Japan	11.9	YES	ALLOY STEEL	2019	64.5
27028	O&k American Corp.	7227906030	Granted	10/16/2019	Japan	11.9	YES	ALLOY STEEL	2019	64.5
27032	Cold Heading Company	7227906010	Granted	10/17/2019	Canada	12	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	309.4
27034	O&k American Corp.	7227906030	Granted	10/22/2019	Japan	11.9	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	64.5
27036	O&k American Corp.	7227906030	Granted	10/16/2019	Japan	11.9	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	64.5
27039	O&k American Corp.	7227906030	Granted	10/15/2019	Japan	13.1	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	100.1
27041	O&k American Corp.	7227906030	Granted	10/17/2019	Japan	13.1	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	100.1
27042	O&k American Corp.	7227906035	Granted	10/17/2019	Japan	14	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	49.4
27046	O&k American Corp.	7227906035	Granted	10/16/2019	Japan	14	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	49.4
27047	O&k American Corp.	7227906040	Granted	10/16/2019	Japan	25.6	NO	MICRO ALLOY (DEACERO CAN MAKE)	2019	253.2
27048	O&k American Corp.	7227906040	Granted	10/15/2019	Japan	25.6	NO	MICRO ALLOY (DEACERO CAN MAKE)	2019	253.2
27055	O&k American Corp.	7227906030	Granted	10/16/2019	Japan	6.1	YES	CARBON CHQ	2019	71.5
27057	O&k American Corp.	7227906030	Granted	10/16/2019	Japan	6.1	YES	CARBON CHQ	2019	71.5
27059	O&k American Corp.	7227906030	Granted	10/16/2019	Japan	6.1	YES	CARBON CHQ	2019	71.5

27064	O&k American Corp.	7227906030	Granted	10/16/2019	Japan	6.1	YES	CARBON CHQ	2019	71.5
27066	O&k American Corp.	7227906030	Granted	10/16/2019	Japan	6.1	YES	CARBON CHQ	2019	71.5
27068	O&k American Corp.	7227906030	Granted	10/15/2019	Japan	6.1	YES	CARBON CHQ	2019	71.5
27071	O&k American Corp.	7227906030	Granted	10/17/2019	Japan	6.1	YES	CARBON CHQ	2019	71.5
27073	O&k American Corp.	7227906030	Granted	10/22/2019	Japan	6.1	YES	CARBON CHQ	2019	71.5
27075	O&k American Corp.	7227906030	Granted	10/16/2019	Japan	6.1	YES	CARBON CHQ	2019	71.5
27076	O&k American Corp.	7227906030	Granted	10/16/2019	Japan	6.1	YES	CARBON CHQ	2019	71.5
27087	Cold Heading Company	7227906010	Granted	10/18/2019	Canada	13	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	1,766.3
27091	Cold Heading Company	7227906010	Granted	10/16/2019	Canada	14	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	1,464.3
27095	O&k American Corp.	7227906030	Granted	10/16/2019	Japan	6.1	YES	CARBON CHQ	2019	71.5
27097	O&k American Corp.	7227906030	Granted	10/21/2019	Japan	6.1	YES	CARBON CHQ	2019	71.5
27101	O&k American Corp.	7227906030	Granted	10/15/2019	Japan	6.1	YES	CARBON CHQ	2019	71.5
27103	O&k American Corp.	7227906030	Granted	10/16/2019	Japan	6.1	YES	CARBON CHQ	2019	71.5
27113	O&k American Corp.	7227906030	Granted	10/17/2019	Japan	8	YES	CARBON CHQ	2019	398.0
27114	O&k American Corp.	7227906030	Granted	10/22/2019	Japan	8	YES	CARBON CHQ	2019	398.0
27117	O&k American Corp.	7227906030	Granted	10/17/2019	Japan	8	YES	CARBON CHQ	2019	398.0
27119	O&k American Corp.	7227906030	Granted	10/17/2019	Japan	8	YES	ALLOY STEEL	2019	398.0
27121	O&k American Corp.	7227906030	Granted	10/18/2019	Japan	8	YES	ALLOY STEEL	2019	398.0
27122	O&k American Corp.	7227906030	Granted	10/21/2019	Japan	8	YES	CARBON CHQ	2019	398.0
27125	O&k American Corp.	7227906030	Granted	10/17/2019	Japan	8	YES	ALLOY STEEL	2019	398.0
27126	O&k American Corp.	7227906030	Granted	10/15/2019	Japan	8	YES	CARBON CHQ	2019	398.0
27129	O&k American Corp.	7227906030	Granted	10/16/2019	Japan	8	YES	CARBON CHQ	2019	398.0
27130	O&k American Corp.	7227906030	Granted	10/21/2019	Japan	8	YES	CARBON CHQ	2019	398.0
27133	O&k American Corp.	7227906030	Granted	10/17/2019	Japan	8	YES	CARBON CHQ	2019	398.0
27135	O&k American Corp.	7227906030	Granted	10/29/2019	Japan	8	YES	CARBON CHQ	2019	398.0
27138	O&k American Corp.	7227906030	Granted	10/22/2019	Japan	8	YES	CARBON CHQ	2019	398.0
27141	O&k American Corp.	7227906030	Granted	10/17/2019	Japan	8	YES	CARBON CHQ	2019	398.0
27155	O&k American Corp.	7227906030	Granted	10/22/2019	Japan	9.1	YES	ALLOY STEEL	2019	2,100.0
27157	O&k American Corp.	7227906030	Granted	10/16/2019	Japan	9.1	YES	ALLOY STEEL	2019	2,100.0
27160	O&k American Corp.	7227906030	Granted	10/18/2019	Japan	8.7	YES	ALLOY STEEL	2019	59.3
27163	O&k American Corp.	7227906040	Granted	10/22/2019	Japan	23.6	NO	ALLOY STEEL	2019	58.8
27168	O&k American Corp.	7227906030	Granted	10/16/2019	Japan	7.2	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	1,201.4
27171	O&k American Corp.	7227906030	Granted	10/22/2019	Japan	7.2	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	1,201.4
27173	O&k American Corp.	7227906030	Granted	10/16/2019	Japan	9.2	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	388.1
27175	O&k American Corp.	7227906030	Granted	10/15/2019	Japan	9.2	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	388.1
27178	O&k American Corp.	7227906030	Granted	10/17/2019	Japan	11.7	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	52.3
27182	O&k American Corp.	7227906030	Granted	10/17/2019	Japan	11.7	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	52.3
27184	O&k American Corp.	7227906030	Granted	10/17/2019	Japan	13.1	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	50.4

27185	O&k American Corp.	7227906030	Granted	10/17/2019	Japan	13.1	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	50.4
27296	Universal Bearings, LLC	7227901060	Granted	10/17/2019	NA	5.4	NO	BALL BEARING STEEL	2019	1,800.0
27297	Universal Bearings, LLC	7227901060	Granted	10/23/2019	Japan	11.9	NO	BALL BEARING STEEL	2019	330.0
27298	Universal Bearings, LLC	7227901060	Granted	10/16/2019	Japan	14.4	NO	BALL BEARING STEEL	2019	260.0
27300	Universal Bearings, LLC	7227901060	Granted	10/17/2019	Japan	9.9	NO	BALL BEARING STEEL	2019	470.0
29194	Okaya (U.S.A.), INC.	7227906035	Granted	10/18/2019	Japan	14	YES	ALLOY BOF	2019	1,000.0
29921	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	10/21/2019	Austria	11	NO	BALL BEARING STEEL	2019	68.0
29926	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	10/22/2019	Austria	11.5	NO	BALL BEARING STEEL	2019	113.4
29935	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	10/22/2019	Austria	12.5	NO	BALL BEARING STEEL	2019	272.2
30019	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	10/22/2019	Austria	14	NO	BALL BEARING STEEL	2019	226.8
30029	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	10/30/2019	Austria	15	NO	BALL BEARING STEEL	2019	136.1
30034	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	10/18/2019	Austria	15.5	NO	BALL BEARING STEEL	2019	317.5
30091	MNP CORPORATION	7227906010	Granted	10/18/2019	Canada	19.4	NO	ALLOY STEEL	2019	43.3
30118	MNP CORPORATION	7227906010	Granted	10/18/2019	Canada	14.7	YES	ALLOY STEEL	2019	317.9
30168	MNP CORPORATION	7227906010	Granted	10/22/2019	Canada	10.3	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	42.2
30817	O&k American Corp.	7227906030	Granted	10/23/2019	Japan	7	YES	ALLOY STEEL	2019	42.4
30818	O&k American Corp.	7227906030	Granted	10/21/2019	Japan	7.2	YES	ALLOY STEEL	2019	42.4
30822	O&k American Corp.	7227906035	Granted	10/23/2019	Japan	17.6	YES	ALLOY STEEL	2019	42.4
30830	O&k American Corp.	7227906030	Granted	10/23/2019	Japan	12.7	YES	ALLOY STEEL	2019	42.4
30831	O&k American Corp.	7227906030	Granted	10/21/2019	Japan	12.7	YES	ALLOY STEEL	2019	42.4
30880	O&k American Corp.	7227906030	Granted	10/22/2019	Japan	7.7	YES	ALLOY STEEL	2019	41.0
30882	O&k American Corp.	7227906030	Granted	10/23/2019	Japan	8	YES	ALLOY STEEL	2019	42.9
30884	O&k American Corp.	7227906040	Granted	10/23/2019	Japan	19	NO	ALLOY STEEL	2019	42.4
30888	O&k American Corp.	7227906040	Granted	10/21/2019	Japan	19	NO	ALLOY STEEL	2019	42.4
30904	O&k American Corp.	7227906030	Granted	10/21/2019	Japan	8.7	YES	ALLOY CHQ	2019	42.4
30909	O&k American Corp.	7227906030	Granted	10/23/2019	Japan	8.7	YES	ALLOY CHQ	2019	42.4
30911	O&k American Corp.	7227906030	Granted	10/21/2019	Japan	11.1	YES	ALLOY CHQ	2019	42.4
30915	O&k American Corp.	7227906030	Granted	10/21/2019	Japan	11.1	YES	ALLOY CHQ	2019	42.4
30919	O&k American Corp.	7227906040	Granted	10/23/2019	Japan	20.6	NO	ALLOY CHQ	2019	42.4
30923	O&k American Corp.	7227906040	Granted	10/23/2019	Japan	20.6	NO	ALLOY CHQ	2019	42.4
30933	O&k American Corp.	7227906035	Granted	10/21/2019	Japan	14	YES	ALLOY STEEL	2019	42.4
30935	O&k American Corp.	7227906035	Granted	10/22/2019	Japan	14	YES	ALLOY STEEL	2019	42.4
30955	O&k American Corp.	7227906035	Granted	10/23/2019	Japan	14	YES	ALLOY STEEL	2019	42.4
31723	The Lincoln Electric Company	7227906020	Granted	10/23/2019	Germany	5	YES	ALLOY BOF	2019	3,000.0
31732	Schaeffler Group USA Inc.	7227902030	Granted	10/23/2019	China	5.5	NO	BALL BEARING STEEL	2019	3,500.0
32084	Universal Bearings, LLC	7227901060	Granted	10/21/2019	Japan	6.4	NO	BALL BEARING STEEL	2019	300.0
32085	Universal Bearings, LLC	7227901060	Granted	10/21/2019	Japan	7.4	NO	BALL BEARING STEEL	2019	120.0
32086	Universal Bearings, LLC	7227901060	Granted	10/23/2019	Japan	8.4	NO	BALL BEARING STEEL	2019	240.0

32087	Universal Bearings, LLC	7227901060	Granted	10/23/2019	Japan	10.9	NO	BALL BEARING STEEL	2019	900.0
32088	Universal Bearings, LLC	7227901060	Granted	10/22/2019	Japan	13.4	NO	BALL BEARING STEEL	2019	200.0
32089	Universal Bearings, LLC	7227901060	Granted	10/22/2019	Japan	15.4	NO	BALL BEARING STEEL	2019	40.0
32722	O&k American Corp.	7227906040	Granted	10/25/2019	Japan	20.8	NO	ALLOY STEEL	2019	42.4
32724	O&k American Corp.	7227906030	Granted	10/25/2019	Japan	8.7	YES	ALLOY STEEL	2019	76.1
32755	O&k American Corp.	7227906030	Granted	10/25/2019	Japan	10	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	177.7
32757	O&k American Corp.	7227906030	Granted	10/25/2019	Japan	10	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	177.7
32759	O&k American Corp.	7227906030	Granted	10/25/2019	Japan	10	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	177.7
32763	O&k American Corp.	7227906030	Granted	10/25/2019	Japan	10	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	177.7
32769	O&k American Corp.	7227906035	Granted	10/31/2019	Japan	15.6	YES	ALLOY STEEL	2019	58.9
32771	O&k American Corp.	7227906035	Granted	1/11/2019	Japan	15.6	YES	ALLOY STEEL	2019	58.9
33386	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	5.2	YES	ALLOY STEEL	2019	6,153.6
33387	O&k American Corp.	7227906030	Granted	10/31/2019	Japan	5.2	YES	ALLOY STEEL	2019	6,153.6
33389	O&k American Corp.	7227906030	Granted	10/31/2019	Japan	5.2	YES	ALLOY STEEL	2019	6,153.6
33390	O&k American Corp.	7227906030	Granted	10/31/2019	Japan	5.2	YES	ALLOY STEEL	2019	6,153.6
33391	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	7.2	YES	ALLOY STEEL	2019	12,314.3
33392	O&k American Corp.	7227906030	Granted	10/31/2019	Japan	7.2	YES	ALLOY STEEL	2019	12,314.3
33393	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	7.2	YES	ALLOY STEEL	2019	12,314.3
33395	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	7.2	YES	ALLOY STEEL	2019	12,314.3
33396	O&k American Corp.	7227906035	Granted	1/11/2019	Japan	14	YES	ALLOY STEEL	2019	3,888.7
33399	O&k American Corp.	7227906035	Granted	1/11/2019	Japan	14	YES	ALLOY STEEL	2019	988.8
33402	O&k American Corp.	7227906035	Granted	1/11/2019	Japan	14.7	YES	ALLOY STEEL	2019	670.7
33403	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	7.7	YES	ALLOY STEEL	2019	1,400.4
33406	O&k American Corp.	7227906030	Granted	10/31/2019	Japan	8.7	YES	ALLOY STEEL	2019	1,056.9
33408	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	9.2	YES	ALLOY STEEL	2019	9,680.6
33409	O&k American Corp.	7227906030	Granted	10/31/2019	Japan	9.2	YES	ALLOY STEEL	2019	9,680.6
33421	O&k American Corp.	7227906030	Granted	10/31/2019	Japan	7	YES	ALLOY STEEL	2019	42.4
33423	O&k American Corp.	7227906030	Granted	10/31/2019	Japan	7.2	YES	ALLOY STEEL	2019	42.4
33426	O&k American Corp.	7227906030	Granted	10/31/2019	Japan	8.7	YES	ALLOY STEEL	2019	5,836.2
33427	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	9.9	YES	ALLOY STEEL	2019	6,025.8
33428	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	12.7	YES	ALLOY STEEL	2019	127.3
33431	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	12.7	YES	ALLOY STEEL	2019	59.1
33433	O&k American Corp.	7227906035	Granted	1/11/2019	Japan	16.6	YES	ALLOY STEEL	2019	800.4
33434	O&k American Corp.	7227906035	Granted	1/11/2019	Japan	17.6	YES	ALLOY STEEL	2019	42.4
33437	O&k American Corp.	7227906040	Granted	10/31/2019	Japan	23.6	NO	ALLOY STEEL	2019	4,362.4
33438	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	10.4	YES	ALLOY STEEL	2019	3,114.6
33444	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	10.4	YES	ALLOY STEEL	2019	3,114.6
33445	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	10.4	YES	ALLOY STEEL	2019	3,114.6

33446	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	10.4	YES	ALLOY STEEL	2019	3,114.6
33450	O&k American Corp.	7227906030	Granted	10/30/2019	Japan	11.2	YES	ALLOY STEEL	2019	5,307.6
33451	O&k American Corp.	7227906030	Granted	10/29/2019	Japan	11.2	YES	ALLOY STEEL	2019	5,307.6
33455	O&k American Corp.	7227906030	Granted	10/25/2019	Japan	12	YES	ALLOY STEEL	2019	2,319.5
33456	O&k American Corp.	7227906030	Granted	10/28/2019	Japan	12	YES	ALLOY STEEL	2019	2,319.5
33461	O&k American Corp.	7227906030	Granted	10/25/2019	Japan	12.7	YES	ALLOY STEEL	2019	42.4
33462	O&k American Corp.	7227906030	Granted	10/25/2019	Japan	12.7	YES	ALLOY STEEL	2019	42.4
33540	O&k American Corp.	7227906030	Granted	10/30/2019	Japan	7.2	YES	ALLOY STEEL	2019	80.0
33541	O&k American Corp.	7227906030	Granted	10/25/2019	Japan	9.2	YES	ALLOY STEEL	2019	191.9
33542	O&k American Corp.	7227906030	Granted	10/25/2019	Japan	11.6	YES	ALLOY STEEL	2019	223.5
33685	O&k American Corp.	7227906030	Granted	10/25/2019	Japan	6.7	YES	ALLOY STEEL	2019	263.4
33686	O&k American Corp.	7227906030	Granted	10/25/2019	Japan	7.7	YES	ALLOY STEEL	2019	41.0
33688	O&k American Corp.	7227906030	Granted	10/25/2019	Japan	7.7	YES	ALLOY STEEL	2019	41.0
33690	O&k American Corp.	7227906030	Granted	10/30/2019	Japan	9.2	YES	ALLOY STEEL	2019	296.6
33693	O&k American Corp.	7227906030	Granted	10/28/2019	Japan	10.7	YES	ALLOY STEEL	2019	134.4
33696	O&k American Corp.	7227906030	Granted	10/28/2019	Japan	11.7	YES	ALLOY STEEL	2019	1,238.5
33698	O&k American Corp.	7227906030	Granted	10/25/2019	Japan	12.7	YES	ALLOY STEEL	2019	190.8
33699	O&k American Corp.	7227906035	Granted	10/25/2019	Japan	14.7	YES	ALLOY STEEL	2019	1,589.1
33701	O&k American Corp.	7227906035	Granted	10/25/2019	Japan	16.6	YES	ALLOY STEEL	2019	226.0
33704	O&k American Corp.	7227906035	Granted	10/25/2019	Japan	17.6	YES	ALLOY STEEL	2019	62.6
33706	O&k American Corp.	7227906040	Granted	10/30/2019	Japan	19	NO	ALLOY STEEL	2019	42.4
33709	O&k American Corp.	7227906040	Granted	10/28/2019	Japan	21.6	NO	ALLOY STEEL	2019	365.1
33710	O&k American Corp.	7227906030	Granted	10/25/2019	Japan	12.7	YES	ALLOY STEEL	2019	92.4
33713	O&k American Corp.	7227906035	Granted	10/28/2019	Japan	14	YES	ALLOY STEEL	2019	233.3
34355	Okaya (U.S.A.), INC.	7227906035	Granted	10/28/2019	Japan	14	YES	ALLOY BOF	2019	1,000.0
34371	Blue Ridge Metals Corp.	7227906040	Granted	10/29/2019	Japan	25.6	NO	ALLOY STEEL	2019	150.0
34372	Blue Ridge Metals Corp.	7227906040	Granted	10/29/2019	Japan	25.6	NO	ALLOY STEEL	2019	150.0
34746	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	10/30/2019	Japan	5.32	YES	MICRO ALLOY	2019	3,600.0
34747	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	10/29/2019	Japan	6.52	YES	MICRO ALLOY	2019	108.0
34748	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	10/29/2019	Japan	7.32	YES	MICRO ALLOY	2019	360.0
34749	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	10/30/2019	Japan	8.12	YES	MICRO ALLOY	2019	360.0
34750	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	10/30/2019	Japan	9.32	YES	MICRO ALLOY	2019	108.0
34751	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	10/30/2019	Japan	7.2	YES	ALLOY STEEL	2019	720.0
34752	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	10/30/2019	Japan	11.8	YES	ALLOY STEEL	2019	36.0
34753	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	10/29/2019	Japan	12.3	YES	ALLOY STEEL	2019	360.0
34754	Nippon Steel Cold Heading Wire Indiana Inc.	7227906035	Granted	10/29/2019	Japan	14.3	YES	ALLOY STEEL	2019	252.0
34789	Okaya (U.S.A.), INC	7227906035	Granted	1/11/2019	Japan	14	YES	ALLOY BOF	2019	1,000.0
34902	Metal One America, Inc	7227906035	Granted	10/29/2019	Japan	16.75	YES	ALLOY BOF	2019	975.0

34920	Metal One America, Inc.	7227906035	Granted	1/11/2019	Japan	18.45	YES	ALLOY BOF	2019	975.0
34926	Metal One America, Inc.	7227906035	Granted	11/14/2019	Japan	16.75	YES	ALLOY BOF	2019	975.0
34974	Metal One America, Inc.	7227906035	Granted	10/30/2019	Japan	14.05	YES	ALLOY STEEL	2019	75.0
35000	Metal One America, Inc.	7227906035	Granted	10/30/2019	Japan	15.75	YES	ALLOY STEEL	2019	255.0
35020	Metal One America, Inc.	7227906035	Granted	10/31/2019	Japan	16.05	YES	ALLOY STEEL	2019	60.0
35040	Metal One America, Inc	7227906035	Granted	10/30/2019	Japan	16.75	YES	ALLOY STEEL	2019	100.0
35063	Metal One America, Inc.	7227906035	Granted	10/31/2019	Japan	15.25	YES	ALLOY BOF	2019	1,125.0
35106	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	10/30/2019	Japan	7.8	YES	MICRO ALLOY	2019	54.0
35107	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	10/30/2019	Japan	8.8	YES	MICRO ALLOY	2019	144.0
35246	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	9.9	YES	ALLOY STEEL	2019	271.3
35249	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	5.2	YES	ALLOY STEEL	2019	893.8
35253	O&k American Corp.	7227906030	Granted	10/31/2019	Japan	5.2	YES	ALLOY STEEL	2019	893.8
35255	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	7.2	YES	ALLOY STEEL	2019	1,619.3
35259	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	7.2	YES	ALLOY STEEL	2019	1,619.3
35263	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	10	YES	ALLOY STEEL	2019	325.3
35265	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	10	YES	ALLOY STEEL	2019	325.3
35267	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	11.2	YES	ALLOY STEEL	2019	398.1
35268	O&k American Corp.	7227906030	Granted	10/31/2019	Japan	11.2	YES	ALLOY STEEL	2019	398.1
35272	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	5.37	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	718.4
35274	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	5.37	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	718.4
35281	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	5.37	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	42.4
35283	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	5.37	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	42.4
35286	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	7.2	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	175.4
35287	O&k American Corp.	7227906030	Granted	10/31/2019	Japan	7.2	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	175.4
35290	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	8	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	861.3
35292	O&k American Corp.	7227906030	Granted	10/31/2019	Japan	8	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	861.3
35294	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	8.7	YES	ALLOY CHQ	2019	42.4
35297	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	8.7	YES	ALLOY CHQ	2019	42.4
35299	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	8.7	YES	ALLOY CHQ	2019	42.4
35300	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	9.2	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	213.0
35301	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	11.1	YES	ALLOY CHQ	2019	42.4
35303	O&k American Corp.	7227906030	Granted	11/20/2019	Japan	11.1	YES	ALLOY CHQ	2019	42.4
35304	O&k American Corp.	7227906030	Granted	10/31/2019	Japan	11.9	YES	ALLOY CHQ	2019	64.5
35305	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	11.9	YES	ALLOY CHQ	2019	64.5
35306	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	11.9	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	64.5
35308	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	11.9	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	64.5
35309	O&k American Corp.	7227906030	Granted	10/31/2019	Japan	13.1	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	100.1
35311	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	13.1	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	100.1

35312	O&k American Corp.	7227906035	Granted	1/11/2019	Japan	14	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	49.4
35313	O&k American Corp.	7227906035	Granted	1/11/2019	Japan	14	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	49.4
35315	O&k American Corp.	7227906040	Granted	1/11/2019	Japan	20.6	NO	ALLOY CHQ	2019	42.4
35316	O&k American Corp.	7227906040	Granted	1/11/2019	Japan	20.6	NO	ALLOY CHQ	2019	42.4
35318	O&k American Corp.	7227906040	Granted	1/11/2019	Japan	25.6	NO	MICRO ALLOY (DEACERO CAN MAKE)	2019	253.2
35322	O&k American Corp.	7227906040	Granted	1/11/2019	Japan	25.6	NO	MICRO ALLOY (DEACERO CAN MAKE)	2019	253.2
35328	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	5.2	YES	ALLOY STEEL	2019	2,024.6
35330	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	5.2	YES	ALLOY STEEL	2019	2,024.6
35341	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	6.1	YES	ALLOY STEEL	2019	71.5
35345	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	6.1	YES	ALLOY STEEL	2019	71.5
35349	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	6.1	YES	ALLOY STEEL	2019	71.5
35353	O&k American Corp.	7227906030	Granted	10/31/2019	Japan	6.1	YES	ALLOY STEEL	2019	71.5
35356	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	6.1	YES	ALLOY STEEL	2019	71.5
35359	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	6.1	YES	ALLOY STEEL	2019	71.5
35366	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	6.1	YES	ALLOY STEEL	2019	71.5
35441	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	6.1	YES	ALLOY STEEL	2019	71.5
35443	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	6.1	YES	ALLOY STEEL	2019	71.5
35444	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	6.1	YES	ALLOY STEEL	2019	71.5
35445	O&k American Corp.	7227906030	Granted	10/31/2019	Japan	6.1	YES	ALLOY STEEL	2019	71.5
35448	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	6.1	YES	ALLOY STEEL	2019	71.5
35451	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	6.1	YES	ALLOY STEEL	2019	71.5
35452	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	6.1	YES	ALLOY STEEL	2019	71.5
35457	O&k American Corp.	7227906030	Granted	10/31/2019	Japan	7.2	YES	ALLOY STEEL	2019	2,772.5
35458	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	7.2	YES	ALLOY STEEL	2019	2,772.5
35465	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	8	YES	ALLOY STEEL	2019	398.0
35468	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	8	YES	ALLOY STEEL	2019	398.0
35470	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	8	YES	ALLOY STEEL	2019	398.0
35472	O&k American Corp.	7227906030	Granted	10/31/2019	Japan	8	YES	ALLOY STEEL	2019	398.0
35474	O&k American Corp.	7227906030	Granted	10/31/2019	Japan	8	YES	ALLOY STEEL	2019	398.0
35477	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	8	YES	ALLOY STEEL	2019	398.0
35478	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	8	YES	ALLOY STEEL	2019	398.0
35479	O&k American Corp.	7227906030	Granted	10/31/2019	Japan	8	YES	ALLOY STEEL	2019	398.0
35482	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	8	YES	ALLOY STEEL	2019	398.0
35485	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	8	YES	ALLOY STEEL	2019	398.0
35487	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	8	YES	ALLOY STEEL	2019	398.0
35491	O&k American Corp.	7227906030	Granted	10/31/2019	Japan	8	YES	ALLOY STEEL	2019	398.0
35493	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	8	YES	ALLOY STEEL	2019	398.0
35497	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	8	YES	ALLOY STEEL	2019	398.0

	35504	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	9.1	YES	ALLOY STEEL	2019	2,100.0
	35507	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	9.1	YES	ALLOY STEEL	2019	2,100.0
	35517	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	11.2	YES	ALLOY STEEL	2019	289.8
	35520	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	11.2	YES	ALLOY STEEL	2019	289.8
	35528	O&k American Corp.	7227906035	Granted	1/11/2019	Japan	14	YES	ALLOY STEEL	2019	42.4
	35531	O&k American Corp.	7227906035	Granted	1/11/2019	Japan	14	YES	ALLOY STEEL	2019	42.4
	35536	O&k American Corp.	7227906035	Granted	1/11/2019	Japan	14	YES	ALLOY STEEL	2019	83.3
	35537	O&k American Corp.	7227906035	Granted	1/11/2019	Japan	14	YES	ALLOY STEEL	2019	83.3
	35542	O&k American Corp.	7227906035	Granted	10/31/2019	Japan	15.6	YES	ALLOY STEEL	2019	83.1
	35545	O&k American Corp.	7227906035	Granted	1/11/2019	Japan	15.6	YES	ALLOY STEEL	2019	83.1
	35548	O&k American Corp.	7227906035	Granted	1/11/2019	Japan	16.6	YES	ALLOY STEEL	2019	85.5
	35553	O&k American Corp.	7227906035	Granted	1/11/2019	Japan	16.6	YES	ALLOY STEEL	2019	85.5
	35555	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	8.7	YES	ALLOY STEEL	2019	59.3
	35557	O&k American Corp.	7227906040	Granted	10/31/2019	Japan	23.6	NO	ALLOY STEEL	2019	58.8
	35572	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	5.2	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	2,981.7
	35574	O&k American Corp.	7227906030	Granted	10/31/2019	Japan	5.2	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	2,981.7
	35577	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	7.2	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	1,201.4
	35579	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	7.2	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	1,201.4
	35580	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	9.2	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	388.1
	35582	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	9.2	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	388.1
	35583	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	11.7	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	52.3
	35585	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	11.7	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	52.3
	35589	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	13.1	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	50.4
	35592	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	13.1	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	50.4
	35601	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	8.4	YES	ALLOY STEEL	2019	42.9
	35604	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	8.4	YES	ALLOY STEEL	2019	42.9
	35617	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	9.9	YES	ALLOY STEEL	2019	179.8
	35620	O&k American Corp.	7227906030	Granted	1/11/2019	Japan	9.9	YES	ALLOY STEEL	2019	179.8
	35624	O&k American Corp.	7227906040	Granted	1/11/2019	Japan	20.6	NO	ALLOY STEEL	2019	408.9
	35659	O&k American Corp.	7227906035	Granted	10/31/2019	Japan	14	YES	ALLOY STEEL	2019	42.4
	36304	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	4/11/2019	Japan	10.8	YES	ALLOY STEEL	2019	432.0
	36305	Nippon Steel Cold Heading Wire Indiana Inc.	7227906035	Granted	5/11/2019	Japan	14	YES	ALLOY STEEL	2019	144.0
	36307	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	4/11/2019	Japan	7.35	YES	MICRO ALLOY	2019	324.0
	36663	Cold Heading Company	7227906010	Granted	2/12/2019	Canada	18	YES	ALLOY STEEL	2019	94.8
	36695	Cold Heading Company	7227906010	Granted	6/11/2019	Canada	18	YES	ALLOY STEEL	2019	54.9
38932		Cold Heading Company	7213990030	Granted	11/14/2019	Canada	16	YES	ALLOY STEEL (MEXICO CAN MAKE)	2019	189.6
38937		Cold Heading Company	7213913015	Granted	11/14/2019	Canada	10	YES	ALLOY STEEL (MEXICO CAN MAKE)	2019	119.7
38942		Cold Heading Company	7213913015	Granted	11/14/2019	Canada	12	YES	ALLOY STEEL (MEXICO CAN MAKE)	2019	29.9

39210	Blue Ridge Metals Corp.	7213990060	Granted	11/18/2019	Japan	19	NO	CARBON CHQ	2019	32.0
39429	Bekaert Corporation	7213913011	Granted	11/15/2019	Japan	5.5	NO	TIRE CORD	2019	55,000.0
39518	Blue Ridge Metals Corp.	7213990060	Granted	2/12/2019	Jersey	30	NO	CARBON CHQ	2019	102.0
39633	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	11/15/2019	Japan	6.4	YES	CARBON CHQ	2019	108.0
39634	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	11/18/2019	Japan	6.4	YES	CARBON CHQ	2019	108.0
39635	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	11/15/2019	Japan	9	YES	CARBON CHQ	2019	378.0
39636	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	11/18/2019	Japan	11.9	YES	CARBON CHQ	2019	48.0
39637	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	11/15/2019	Japan	6.4	YES	CARBON CHQ	2019	108.0
39638	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	11/15/2019	Japan	9	YES	CARBON CHQ	2019	378.0
39639	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	11/15/2019	Japan	11.9	YES	CARBON CHQ	2019	48.0
39640	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	11/15/2019	Japan	13	YES	CARBON CHQ	2019	24.0
39641	Nippon Steel Cold Heading Wire Indiana Inc.	7213990030	Granted	11/15/2019	Japan	15	YES	CARBON CHQ	2019	48.0
39642	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	11/15/2019	Japan	13	YES	CARBON CHQ	2019	24.0
39643	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	11/15/2019	Japan	6.5	YES	CARBON CHQ	2019	48.0
39644	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	11/15/2019	Japan	6.4	YES	CARBON CHQ	2019	24.0
39645	Nippon Steel Cold Heading Wire Indiana Inc.	7213990030	Granted	11/15/2019	Japan	15	YES	CARBON CHQ	2019	144.0
39646	Nippon Steel Cold Heading Wire Indiana Inc.	7213990030	Granted	11/18/2019	Japan	17.7	YES	CARBON CHQ	2019	48.0
39647	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	11/15/2019	Japan	10	YES	CARBON CHQ	2019	24.0
39648	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	11/18/2019	Japan	13.5	YES	CARBON CHQ	2019	48.0
39649	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	11/15/2019	Japan	10	YES	CARBON CHQ	2019	24.0
39652	Nippon Steel Cold Heading Wire Indiana Inc.	7213990030	Granted	11/15/2019	Japan	17	YES	CARBON CHQ	2019	300.0
39655	Nippon Steel Cold Heading Wire Indiana Inc.	7213990060	Granted	11/15/2019	Japan	22	NO	ALLOY STEEL	2019	360.0
39854	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	11/18/2019	Japan	11.5	YES	ALLOY STEEL	2019	324.0
39856	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	11/19/2019	Japan	7	YES	ALLOY STEEL	2019	324.0
39860	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	11/19/2019	Japan	13	YES	CARBON CHQ	2019	324.0
39865	Nippon Steel Cold Heading Wire Indiana Inc.	7213990060	Granted	11/19/2019	Japan	22	NO	CARBON CHQ	2019	360.0
40054	Hercules Drawn Steel Corporation	7213200010	Granted	11/19/2019	Germany	9.37	NO	FREE MACHINING/CUTTING	2019	265.0
40054	Hercules Drawn Steel Corporation	7213200010	Granted	11/19/2019	France	9.37	NO	FREE MACHINING/CUTTING	2019	265.0
40058	Hercules Drawn Steel Corporation	7213200010	Granted	11/19/2019	Germany	12.52	NO	FREE MACHINING/CUTTING	2019	357.0
40058	Hercules Drawn Steel Corporation	7213200010	Granted	11/19/2019	France	12.52	NO	FREE MACHINING/CUTTING	2019	357.0
40094	Hercules Drawn Steel Corporation	7213200010	Granted	11/19/2019	Germany	13.32	NO	FREE MACHINING/CUTTING	2019	90.0
40094	Hercules Drawn Steel Corporation	7213200010	Granted	11/19/2019	France	13.32	NO	FREE MACHINING/CUTTING	2019	90.0
40098	Hercules Drawn Steel Corporation	7213200010	Granted	11/19/2019	Germany	9.37	NO	FREE MACHINING/CUTTING	2019	1,060.0
40098	Hercules Drawn Steel Corporation	7213200010	Granted	11/19/2019	France	9.37	NO	FREE MACHINING/CUTTING	2019	1,060.0
40102	Hercules Drawn Steel Corporation	7213200010	Granted	11/19/2019	Germany	14.11	NO	FREE MACHINING/CUTTING	2019	1,060.0
40102	Hercules Drawn Steel Corporation	7213200010	Granted	11/19/2019	France	14.11	NO	FREE MACHINING/CUTTING	2019	1,060.0
40108	Hercules Drawn Steel Corporation	7213200010	Granted	11/19/2019	Germany	17.26	NO	FREE MACHINING/CUTTING	2019	2,025.0
40108	Hercules Drawn Steel Corporation	7213200010	Granted	11/19/2019	France	17.26	NO	FREE MACHINING/CUTTING	2019	2,025.0

40110	Hercules Drawn Steel Corporation	7213200010	Granted	11/19/2019	Germany	15.62	NO	FREE MACHINING/CUTTING	2019	1,300.0
40110	Hercules Drawn Steel Corporation	7213200010	Granted	11/19/2019	France	15.62	NO	FREE MACHINING/CUTTING	2019	1,300.0
40119	Hercules Drawn Steel Corporation	7213200010	Granted	11/19/2019	Germany	11.73	NO	FREE MACHINING/CUTTING	2019	45.0
40119	Hercules Drawn Steel Corporation	7213200010	Granted	11/19/2019	France	11.73	NO	FREE MACHINING/CUTTING	2019	45.0
40123	Hercules Drawn Steel Corporation	7213200010	Granted	11/19/2019	Germany	15.7	NO	FREE MACHINING/CUTTING	2019	550.0
40123	Hercules Drawn Steel Corporation	7213200010	Granted	11/19/2019	France	15.7	NO	FREE MACHINING/CUTTING	2019	550.0
40133	Hercules Drawn Steel Corporation	7213200010	Granted	11/19/2019	Germany	17.21	NO	FREE MACHINING/CUTTING	2019	820.0
40133	Hercules Drawn Steel Corporation	7213200010	Granted	11/19/2019	France	17.21	NO	FREE MACHINING/CUTTING	2019	820.0
40138	Hercules Drawn Steel Corporation	7213200010	Granted	11/19/2019	Germany	17.26	NO	FREE MACHINING/CUTTING	2019	450.0
40138	Hercules Drawn Steel Corporation	7213200010	Granted	11/19/2019	France	17.26	NO	FREE MACHINING/CUTTING	2019	450.0
40140	Hercules Drawn Steel Corporation	7213200010	Granted	11/19/2019	Germany	14.03	NO	FREE MACHINING/CUTTING	2019	450.0
40140	Hercules Drawn Steel Corporation	7213200010	Granted	11/19/2019	France	14.03	NO	FREE MACHINING/CUTTING	2019	450.0
40144	Hercules Drawn Steel Corporation	7213200010	Granted	11/19/2019	Germany	15.62	NO	FREE MACHINING/CUTTING	2019	1,300.0
40144	Hercules Drawn Steel Corporation	7213200010	Granted	11/19/2019	France	15.62	NO	FREE MACHINING/CUTTING	2019	1,300.0
40208	Shinsho American Corporation	7213990030	Granted	11/19/2019	Japan	14	YES	CARBON CHQ	2019	102.0
40490	Hercules Drawn Steel Corporation	7213200010	Granted	11/20/2019	Germany	17.26	NO	FREE MACHINING/CUTTING	2019	134.0
40491	Hercules Drawn Steel Corporation	7213200010	Granted	11/20/2019	Germany	29.88	NO	FREE MACHINING/CUTTING	2019	392.0
40492	Hercules Drawn Steel Corporation	7213200010	Granted	11/20/2019	Germany	26.73	NO	FREE MACHINING/CUTTING	2019	300.0
40683	Hercules Drawn Steel Corporation	7213200010	Granted	11/20/2019	Germany	14.1	NO	FREE MACHINING/CUTTING	2019	1,100.0
40683	Hercules Drawn Steel Corporation	7213200010	Granted	11/20/2019	France	14.1	NO	FREE MACHINING/CUTTING	2019	1,100.0
40708	SHINSHO AMERICAN CORPORATION	7213990030	Granted	11/21/2019	Japan	12.3	YES	ALLOY STEEL	2019	20.0
44034	Cold Heading Company	7213990060	Granted	12/13/2019	Canada	20	NO	ALLOY STEEL	2019	159.7
44093	Cold Heading Company	7213990060	Granted	10/12/2019	Canada	20	NO	ALLOY STEEL	2019	337.9
44121	Cold Heading Company	7213990060	Granted	10/12/2019	Canada	23	NO	ALLOY STEEL	2019	1,814.4
44188	Hercules Drawn Steel Corporation	7213200010	Granted	10/12/2019	Spain	14.3	NO	FREE MACHINING/CUTTING	2019	800.0
44189	Hercules Drawn Steel Corporation	7213200010	Granted	10/12/2019	Spain	12.8	NO	FREE MACHINING/CUTTING	2019	350.0
44638	Krueger Steel & Wire	7213200010	Granted	10/12/2019	Spain	5.2	NO	FREE MACHINING/CUTTING	2019	250.0
44659	Krueger Steel & Wire	7213200010	Granted	12/13/2019	Spain	7.7	NO	FREE MACHINING/CUTTING	2019	500.0
44675	Krueger Steel & Wire	7213200010	Granted	10/12/2019	Spain	9.2	NO	FREE MACHINING/CUTTING	2019	250.0
44695	Krueger Steel & Wire	7213200010	Granted	10/12/2019	Spain	10.7	NO	FREE MACHINING/CUTTING	2019	500.0
44703	Krueger Steel & Wire	7213200010	Granted	10/12/2019	Spain	11.7	NO	FREE MACHINING/CUTTING	2019	200.0
44708	Krueger Steel & Wire Co	7213200010	Granted	12/13/2019	Spain	12.2	NO	FREE MACHINING/CUTTING	2019	500.0
44717	Krueger Steel & Wire	7213200010	Granted	9/12/2019	Spain	13.7	NO	FREE MACHINING/CUTTING	2019	500.0
44723	Krueger Steel & Wire	7213200010	Granted	10/12/2019	Spain	15.7	NO	FREE MACHINING/CUTTING	2019	250.0
44730	Krueger Steel & Wire	7213200010	Granted	9/12/2019	Spain	17.7	NO	FREE MACHINING/CUTTING	2019	500.0
44763	Cold Heading Company	7213913015	Granted	10/12/2019	Canada	13	YES	ALLOY STEEL	2019	31.8
44861	Cold Heading Company	7213990030	Granted	12/13/2019	Canada	14	YES	ALLOY STEEL	2019	1,322.7
44902	Cold Heading Company	7213990030	Granted	10/12/2019	Canada	15	YES	ALLOY STEEL	2019	139.7

45169	Cold Heading Company	7213990030	Granted	11/12/2019	Canada	16	YES	ALLOY STEEL	2019	414.1
45178	Cold Heading Company	7213913015	Granted	11/12/2019	Canada	13	YES	ALLOY CHQ	2019	20.0
46791	Vico Products, Co.	7213990030	Granted	12/18/2019	Japan	17	YES	CARBON CHQ	2019	885.0
47635	Cold Heading Company	7213990030	Granted	12/20/2019	Canada	18	YES	ALLOY STEEL	2019	87.3
49114	Hercules Drawn Steel Corporation	7213200010	Granted	2/1/2020	Germany	14.11	NO	FREE MACHINING/CUTTING	2020	140.0
49117	Hercules Drawn Steel Corporation	7213200010	Granted	2/1/2020	Germany	17.26	NO	FREE MACHINING/CUTTING	2020	240.0
49118	Hercules Drawn Steel Corporation	7213200010	Granted	2/1/2020	Germany	22.02	NO	FREE MACHINING/CUTTING	2020	180.0
49120	Hercules Drawn Steel Corporation	7213200010	Granted	2/1/2020	Germany	25.17	NO	FREE MACHINING/CUTTING	2020	100.0
49121	Hercules Drawn Steel Corporation	7213200010	Granted	2/1/2020	Germany	29.88	NO	FREE MACHINING/CUTTING	2020	392.0
50540	Hercules Drawn Steel Corporation	7213200010	Granted	8/1/2020	Germany	15.62	NO	FREE MACHINING/CUTTING	2020	1,300.0
50543	Hercules Drawn Steel Corporation	7213200010	Granted	8/1/2020	Germany	10.96	NO	FREE MACHINING/CUTTING	2020	367.0
50547	Hercules Drawn Steel Corporation	7213200010	Granted	9/1/2020	Germany	14.11	NO	FREE MACHINING/CUTTING	2020	900.0
50567	Hercules Drawn Steel Corporation	7213200010	Granted	8/1/2020	Germany	23.58	NO	FREE MACHINING/CUTTING	2020	200.0
50570	Hercules Drawn Steel Corporation	7213200010	Granted	9/1/2020	Germany	20.43	NO	FREE MACHINING/CUTTING	2020	200.0
50572	Hercules Drawn Steel Corporation	7213200010	Granted	8/1/2020	Germany	26.73	NO	FREE MACHINING/CUTTING	2020	300.0
51163	Blue Ridge Metals Corp.	7213990060	Granted	9/1/2020	Japan	24.6	NO	ALLOY CHQ	2020	150.0
51169	Blue Ridge Metals Corp.	7213990060	Granted	9/1/2020	Japan	32.1	NO	ALLOY STEEL	2020	200.0
51181	Blue Ridge Metals Corp.	7213990060	Granted	9/1/2020	Japan	39.6	NO	ALLOY STEEL	2020	200.0
51189	Blue Ridge Metals Corp.	7213990060	Granted	9/1/2020	Japan	37.6	NO	ALLOY STEEL	2020	60.0
51231	Blue Ridge Metals Corp.	7213990060	Granted	9/1/2020	Japan	27.6	NO	ALLOY STEEL	2020	40.0
51338	Hercules Drawn Steel Corporation	7213200010	Granted	9/1/2020	Germany	9.37	NO	FREE MACHINING/CUTTING	2020	265.0
51338	Hercules Drawn Steel Corporation	7213200010	Granted	9/1/2020	France	9.37	NO	FREE MACHINING/CUTTING	2020	265.0
51339	Hercules Drawn Steel Corporation	7213200010	Granted	10/1/2020	Germany	10.96	NO	FREE MACHINING/CUTTING	2020	367.0
51339	Hercules Drawn Steel Corporation	7213200010	Granted	10/1/2020	France	10.96	NO	FREE MACHINING/CUTTING	2020	367.0
51341	Hercules Drawn Steel Corporation	7213200010	Granted	9/1/2020	Germany	12.45	NO	FREE MACHINING/CUTTING	2020	357.0
51341	Hercules Drawn Steel Corporation	7213200010	Granted	9/1/2020	France	12.45	NO	FREE MACHINING/CUTTING	2020	357.0
51343	Hercules Drawn Steel Corporation	7213200010	Granted	9/1/2020	Germany	14.1	NO	FREE MACHINING/CUTTING	2020	1,060.0
51343	Hercules Drawn Steel Corporation	7213200010	Granted	9/1/2020	France	14.1	NO	FREE MACHINING/CUTTING	2020	1,060.0
51345	Hercules Drawn Steel Corporation	7213200010	Granted	9/1/2020	Germany	11.73	NO	FREE MACHINING/CUTTING	2020	45.0
51345	Hercules Drawn Steel Corporation	7213200010	Granted	9/1/2020	France	11.73	NO	FREE MACHINING/CUTTING	2020	45.0
51348	Hercules Drawn Steel Corporation	7213200010	Granted	9/1/2020	Germany	15.7	NO	FREE MACHINING/CUTTING	2020	600.0
51348	Hercules Drawn Steel Corporation	7213200010	Granted	9/1/2020	France	15.7	NO	FREE MACHINING/CUTTING	2020	600.0
51349	Hercules Drawn Steel Corporation	7213200010	Granted	10/1/2020	Germany	7.81	NO	FREE MACHINING/CUTTING	2020	150.0
51349	Hercules Drawn Steel Corporation	7213200010	Granted	10/1/2020	France	7.81	NO	FREE MACHINING/CUTTING	2020	150.0
51351	Hercules Drawn Steel Corporation	7213200010	Granted	10/1/2020	Germany	17.26	NO	FREE MACHINING/CUTTING	2020	450.0
51351	Hercules Drawn Steel Corporation	7213200010	Granted	10/1/2020	France	17.26	NO	FREE MACHINING/CUTTING	2020	450.0
51356	Hercules Drawn Steel Corporation	7213200010	Granted	1/13/2020	Germany	15.62	NO	FREE MACHINING/CUTTING	2020	1,300.0
51356	Hercules Drawn Steel Corporation	7213200010	Granted	1/13/2020	France	15.62	NO	FREE MACHINING/CUTTING	2020	1,300.0

51357	Hercules Drawn Steel Corporation	7213200010	Granted	10/1/2020	Germany	17	NO	FREE MACHINING/CUTTING	2020	820.0
51357	Hercules Drawn Steel Corporation	7213200010	Granted	10/1/2020	France	17	NO	FREE MACHINING/CUTTING	2020	820.0
51359	Hercules Drawn Steel Corporation	7213200010	Granted	9/1/2020	Germany	18	NO	FREE MACHINING/CUTTING	2020	250.0
51359	Hercules Drawn Steel Corporation	7213200010	Granted	9/1/2020	France	18	NO	FREE MACHINING/CUTTING	2020	250.0
51544	Cold Heading Company	7213990030	Granted	10/1/2020	Canada	16	YES	ALLOY STEEL	2020	1,055.8
51750	Blue Ridge Metals Corp.	7213990060	Granted	1/15/2020	Japan	26.6	NO	CARBON CHQ	2020	36.0
51989	TOKUSEN U.S.A., Inc.	7213913011	Granted	1/16/2020	Japan	5	NO	TIRE CORD	2020	40,000.0
52449	Bekaert Corporation	7213913011	Granted	1/16/2020	Japan	5.35	NO	TIRE CORD	2020	3,000.0
52459	Bekaert Corporation	7213913011	Granted	1/17/2020	Japan	5.35	NO	TIRE CORD	2020	3,000.0
52477	Bekaert Corporation	7213913011	Granted	1/17/2020	Germany	5.35	NO	TIRE CORD	2020	3,000.0
52522	Bekaert Corporation	7213913011	Granted	1/16/2020	Brazil	5.35	NO	TIRE CORD	2020	55,000.0
52530	Bekaert Corporation	7213913011	Granted	1/16/2020	United Kingdo	5.35	NO	TIRE CORD	2020	55,000.0
52540	Bekaert Corporation	7213913011	Granted	1/16/2020	Japan	5.35	NO	TIRE CORD	2020	55,000.0
52607	Blue Ridge Metals Corp.	7213990060	Granted	1/16/2020	Japan	23.6	NO	ALLOY STEEL	2020	430.0
52617	Bekaert Corporation	7213913011	Granted	1/16/2020	Germany	5.35	NO	TIRE CORD	2020	55,000.0
53354	New Dimension Metals Corp.	7213200010	Granted	1/22/2020	Germany	13.39	NO	FREE MACHINING/CUTTING	2020	400.0
53570	Hercules Drawn Steel Corporation	7213200010	Granted	1/22/2020	Germany	17.26	NO	FREE MACHINING/CUTTING	2020	2,025.0
53570	Hercules Drawn Steel Corporation	7213200010	Granted	1/22/2020	France	17.26	NO	FREE MACHINING/CUTTING	2020	2,025.0
53575	Hercules Drawn Steel Corporation	7213200010	Granted	1/22/2020	Germany	14.9	NO	FREE MACHINING/CUTTING	2020	217.0
53575	Hercules Drawn Steel Corporation	7213200010	Granted	1/22/2020	France	14.9	NO	FREE MACHINING/CUTTING	2020	217.0
53637	O&k American Corp.	7213913093	Granted	1/22/2020	Japan	11.2	YES	ALLOY STEEL	2020	5,307.6
53643	O&k American Corp.	7213913093	Granted	1/22/2020	Japan	11.2	YES	ALLOY STEEL	2020	5,307.6
53649	O&k American Corp.	7213913093	Granted	1/22/2020	Japan	12	YES	ALLOY STEEL	2020	2,319.5
53654	O&k American Corp.	7213913093	Granted	1/22/2020	Japan	11.2	YES	ALLOY STEEL	2020	5,307.6
53741	Grand Blanc Processing, L.L.C.	7213990060	Granted	1/22/2020	Japan	24.6	NO	CARBON CHQ	2020	240.0
53787	Grand Blanc Processing, L.L.C.	7213990030	Granted	1/22/2020	Japan	15.9	YES	CARBON CHQ	2020	192.0
53789	Grand Blanc Processing, L.L.C.	7213990060	Granted	1/27/2020	Japan	24.5	NO	CARBON CHQ	2020	60.0
53790	Grand Blanc Processing, L.L.C.	7213990060	Granted	1/22/2020	Japan	26.5	NO	CARBON CHQ	2020	120.0
53809	Grand Blanc Processing, L.L.C.	7213990060	Granted	1/22/2020	Japan	33.5	NO	ALLOY STEEL	2020	528.0
53977	New Dimension Metals Corp.	7213200010	Granted	1/24/2020	Germany	84.03	NO	FREE MACHINING/CUTTING	2020	150.0
53990	New Dimension Metals Corp.	7213200010	Granted	1/24/2020	Germany	103.07	NO	FREE MACHINING/CUTTING	2020	150.0
53997	New Dimension Metals Corp.	7213200010	Granted	1/24/2020	Germany	84.03	NO	FREE MACHINING/CUTTING	2020	150.0
54804	Grand Blanc Processing, L.L.C.	7213990060	Granted	1/24/2020	Japan	26.5	NO	ALLOY STEEL	2020	240.0
54810	Grand Blanc Processing, L.L.C.	7213990060	Granted	1/27/2020	Japan	31.5	NO	ALLOY STEEL	2020	10.0
54817	Grand Blanc Processing, L.L.C.	7213990060	Granted	1/28/2020	Japan	37.4	NO	CARBON CHQ	2020	50.0
54879	Shinsho American Corporation	7213990060	Granted	1/28/2020	Japan	37.4	NO	CARBON CHQ	2020	50.0
54880	Shinsho American Corporation	7213990060	Granted	1/28/2020	Japan	26.5	NO	ALLOY STEEL	2020	240.0
56887	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	4/2/2020	Japan	10.7	YES	CARBON CHQ	2020	270.0

56889	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	3/2/2020	Japan	6.7	YES	CARBON CHQ	2020	270.0
56891	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	3/2/2020	Japan	10.2	YES	CARBON CHQ	2020	324.0
57000	New Dimension Metals Corp.	7213200010	Granted	3/2/2020	United Kingdo	18.8722	NO	FREE MACHINING/CUTTING	2020	120.0
57151	Grand Blanc Processing, L.L.C.	7213990060	Granted	4/2/2020	Japan	18.6	YES	CARBON CHQ	2020	380.0
57164	Grand Blanc Processing, L.L.C.	7213990030	Granted	3/2/2020	Japan	15.6	YES	CARBON CHQ	2020	96.0
57173	Grand Blanc Processing, L.L.C.	7213990060	Granted	3/2/2020	Japan	20.6	NO	CARBON CHQ	2020	202.0
57199	Grand Blanc Processing, L.L.C.	7213990060	Granted	4/2/2020	Japan	19.6	NO	CARBON CHQ	2020	140.0
57210	Okaya (U.S.A.), Inc.	7213200010	Granted	3/2/2020	Japan	17.6	NO	FREE MACHINING/CUTTING	2020	800.0
57219	Grand Blanc Processing, L.L.C.	7213990060	Granted	3/2/2020	Japan	27.5	NO	CARBON CHQ	2020	392.0
58711	O&k American Corp	7213990060	Granted	7/2/2020	Japan	20.7	NO	ALLOY STEEL	2020	1,208.0
59237	Cold Heading Company	7213990030	Granted	7/2/2020	Canada	15	YES	ALLOY STEEL (MEXICO CAN MAKE)	2020	20.0
59425	Cold Heading Company	7213913015	Granted	10/2/2020	Canada	6	YES	ALLOY STEEL (MEXICO CAN MAKE)	2020	139.7
63254	Blue Ridge Metals Corp.	7213913093	Granted	2/20/2020	Japan	5.5	YES	CARBON CHQ	2020	3.9
63894	Blue Ridge Metals Corp.	7213990060	Granted	4/3/2020	Japan	32.1	NO	ALLOY STEEL	2020	650.4
64214	Blue Ridge Metals Corp.	7213990060	Granted	2/25/2020	Japan	37.6	NO	ALLOY STEEL	2020	168.0
65333	O&k American Corp.	7213913093	Granted	4/3/2020	Japan	11.2	YES	ALLOY STEEL	2020	5,307.6
65335	O&k American Corp.	7213913093	Granted	4/3/2020	Japan	11.2	YES	ALLOY STEEL	2020	5,307.6
65341	O&k American Corp.	7213913093	Granted	5/3/2020	Japan	12	YES	ALLOY STEEL	2020	2,319.5
65349	O&k American Corp.	7213913093	Granted	4/3/2020	Japan	12	YES	ALLOY STEEL	2020	2,319.5
65352	O&k American Corp.	7213913093	Granted	4/3/2020	Japan	12.7	YES	ALLOY STEEL	2020	42.4
65353	O&k American Corp.	7213913093	Granted	5/3/2020	Japan	12.7	YES	ALLOY STEEL	2020	42.4
66027	Blue Ridge Metals Corp.	7213990060	Granted	5/3/2020	Japan	39.5	NO	ALLOY STEEL	2020	250.0
66067	The Lincoln Electric Company	7213913020	Granted	4/3/2020	Germany	5	YES	CARBON BOF	2020	1,000.0
66095	The Lincoln Electric Company	7213913020	Granted	9/3/2020	Germany	5	YES	CARBON BOF	2020	2,000.0
66129	The Lincoln Electric Company	7213913020	Granted	5/3/2020	Germany	5	YES	CARBON BOF	2020	2,000.0
66152	The Lincoln Electric Company	7213913020	Granted	5/3/2020	Germany	5.5	YES	CARBON BOF	2020	4,000.0
66235	Blue Ridge Metals Corp.	7213990060	Granted	6/3/2020	Japan	29.6	NO	ALLOY STEEL	2020	100.0
66283	O&k American Corp.	7213990060	Granted	5/3/2020	Japan	19.8	NO	CARBON CHQ	2020	409.3
66291	O&k American Corp.	7213913093	Granted	6/3/2020	Japan	7.37	YES	CARBON CHQ	2020	115.7
66297	O&k American Corp.	7213990060	Granted	5/3/2020	Japan	34.67	NO	CARBON CHQ	2020	730.7
66298	O&k American Corp.	7213990030	Granted	5/3/2020	Japan	16.8	YES	CARBON CHQ	2020	115.7
66319	O&k American Corp.	7213990060	Granted	9/3/2020	Japan	26.77	NO	CARBON CHQ	2020	1,032.0
66326	O&k American Corp.	7213990060	Granted	5/3/2020	Japan	25.77	NO	CARBON CHQ	2020	164.4
66328	O&k American Corp.	7213990060	Granted	6/3/2020	Japan	37.67	NO	CARBON CHQ	2020	465.6
66746	O&k American Corp.	7213913093	Granted	5/3/2020	Japan	5.2	YES	ALLOY STEEL	2020	2,024.6
66748	O&k American Corp.	7213913093	Granted	5/3/2020	Japan	5.2	YES	ALLOY STEEL	2020	2,024.6
66759	O&k American Corp.	7213913093	Granted	5/3/2020	Japan	7.2	YES	ALLOY STEEL	2020	2,772.5
66760	O&k American Corp.	7213913093	Granted	5/3/2020	Japan	7.2	YES	ALLOY STEEL	2020	2,772.5

66762	O&k American Corp.	7213913093	Granted	5/3/2020	Japan	7.2	YES	ALLOY STEEL	2020	2,772.5
66768	O&k American Corp.	7213913093	Granted	5/3/2020	Japan	9.1	YES	ALLOY STEEL	2020	2,100.0
66769	O&k American Corp.	7213913093	Granted	6/3/2020	Japan	9.1	YES	ALLOY STEEL	2020	2,100.0
66774	O&k American Corp.	7213913093	Granted	5/3/2020	Japan	11.2	YES	ALLOY STEEL	2020	289.8
66776	O&k American Corp.	7213913093	Granted	5/3/2020	Japan	11.2	YES	ALLOY STEEL	2020	289.8
66780	O&k American Corp.	7213990030	Granted	5/3/2020	Japan	14	YES	ALLOY STEEL	2020	42.4
66781	O&k American Corp.	7213990030	Granted	5/3/2020	Japan	14	YES	ALLOY STEEL	2020	42.4
66785	O&k American Corp.	7213990030	Granted	6/3/2020	Japan	14	YES	ALLOY STEEL	2020	83.3
66786	O&k American Corp.	7213990030	Granted	5/3/2020	Japan	14	YES	ALLOY STEEL	2020	83.3
66823	O&k American Corp.	7213990030	Granted	5/3/2020	Japan	15.6	YES	ALLOY STEEL	2020	83.1
66826	O&k American Corp.	7213990030	Granted	6/3/2020	Japan	15.6	YES	ALLOY STEEL	2020	83.1
66833	O&k American Corp.	7213990030	Granted	5/3/2020	Japan	15.6	YES	ALLOY STEEL	2020	83.1
66847	O&k American Corp.	7213990030	Granted	5/3/2020	Japan	16.6	YES	ALLOY STEEL	2020	85.5
66850	O&k American Corp.	7213990030	Granted	5/3/2020	Japan	16.6	YES	ALLOY STEEL	2020	85.5
66874	O&k American Corp.	7213913093	Granted	6/3/2020	Japan	8.4	YES	ALLOY STEEL	2020	42.9
66879	O&k American Corp.	7213913093	Granted	5/3/2020	Japan	8.4	YES	ALLOY STEEL	2020	42.9
66887	O&k American Corp.	7213913093	Granted	6/3/2020	Japan	9.9	YES	ALLOY STEEL	2020	179.8
66889	O&k American Corp.	7213913093	Granted	5/3/2020	Japan	9.9	YES	ALLOY STEEL	2020	179.8
66902	O&k American Corp.	7213990030	Granted	6/3/2020	Japan	15.6	YES	ALLOY STEEL	2020	83.1
66904	O&k American Corp.	7213990030	Granted	5/3/2020	Japan	15.6	YES	ALLOY STEEL	2020	83.1
67810	Blue Ridge Metals Corp.	7213990060	Granted	6/3/2020	Japan	26.6	NO	ALLOY STEEL	2020	10.0
68809	Blue Ridge Metals Corp.	7213990060	Granted	11/3/2020	Japan	37.6	NO	ALLOY STEEL	2020	60.0
70168	Blue Ridge Metals Corp.	7213990060	Granted	3/16/2020	Japan	24.6	NO	ALLOY STEEL	2020	150.0
72576	Shinsho American Corporation	7213913015	Granted	3/23/2020	Japan	11.5	YES	ALLOY STEEL	2020	22.0
73104	Blue Ridge Metals Corp.	7213990060	Granted	3/23/2020	Japan	27.6	NO	ALLOY STEEL	2020	250.0
73116	Blue Ridge Metals Corp.	7213990060	Granted	3/24/2020	Japan	38.5	NO	CARBON CHQ	2020	240.0
73139	Blue Ridge Metals Corp.	7213990060	Granted	3/24/2020	Japan	22.6	NO	CARBON CHQ	2020	60.0
73640	O&k American Corp.	7213990060	Granted	3/24/2020	Japan	25.77	NO	CARBON CHQ	2020	41.4
73641	O&k American Corp.	7213990060	Granted	3/23/2020	Japan	29.75	NO	CARBON CHQ	2020	634.3
73642	O&k American Corp.	7213990060	Granted	3/23/2020	Japan	35.67	NO	CARBON CHQ	2020	1,052.7
73643	O&k American Corp.	7213990030	Granted	3/24/2020	Japan	15.35	YES	CARBON CHQ	2020	17.0
73644	O&k American Corp.	7213990030	Granted	3/23/2020	Japan	15.35	YES	CARBON CHQ	2020	17.0
73645	O&k American Corp.	7213990030	Granted	3/24/2020	Japan	15.8	YES	CARBON CHQ	2020	42.4
73646	O&k American Corp.	7213990030	Granted	3/25/2020	Japan	16.8	YES	CARBON CHQ	2020	117.6
73647	O&k American Corp.	7213990060	Granted	3/23/2020	Japan	19.8	NO	CARBON CHQ	2020	1,416.5
73648	O&k American Corp.	7213990060	Granted	3/24/2020	Japan	19.8	NO	CARBON CHQ	2020	409.3
73649	O&k American Corp.	7213990060	Granted	3/23/2020	Japan	20.8	NO	CARBON CHQ	2020	1,289.5
73650	O&k American Corp.	7213990060	Granted	3/24/2020	Japan	20.8	NO	CARBON CHQ	2020	165.2

73652	O&k American Corp.	7213990060	Granted	3/24/2020	Japan	22.8	NO	CARBON CHQ	2020	5,945.1
73654	O&k American Corp.	7213990060	Granted	3/23/2020	Japan	24.77	NO	CARBON CHQ	2020	66.6
73657	O&k American Corp.	7213990060	Granted	3/23/2020	Japan	24.77	NO	CARBON CHQ	2020	42.4
73658	O&k American Corp.	7213913093	Granted	3/23/2020	Japan	8.35	YES	CARBON CHQ	2020	42.4
73659	O&k American Corp.	7213913093	Granted	3/24/2020	Japan	7.37	YES	CARBON CHQ	2020	42.4
73660	O&k American Corp.	7213990030	Granted	3/23/2020	Japan	16.8	YES	CARBON CHQ	2020	42.4
73663	O&k American Corp.	7213990060	Granted	3/23/2020	Japan	26.77	NO	CARBON CHQ	2020	497.6
73664	O&k American Corp.	7213990060	Granted	3/24/2020	Japan	32.72	NO	CARBON CHQ	2020	42.4
73666	O&k American Corp.	7213990060	Granted	3/24/2020	Japan	34.67	NO	CARBON CHQ	2020	730.7
73667	O&k American Corp.	7213990030	Granted	3/24/2020	Japan	16.8	YES	CARBON CHQ	2020	42.4
73670	O&k American Corp.	7213990060	Granted	3/23/2020	Japan	26.77	NO	CARBON CHQ	2020	497.6
73671	O&k American Corp.	7213990060	Granted	3/23/2020	Japan	32.72	NO	CARBON CHQ	2020	42.4
73672	O&k American Corp.	7213990060	Granted	3/25/2020	Japan	34.67	NO	CARBON CHQ	2020	730.7
73673	O&k American Corp.	7213990030	Granted	3/23/2020	Japan	16.8	YES	CARBON CHQ	2020	42.4
73690	O&k American Corp.	7213990060	Granted	3/23/2020	Japan	25.77	NO	CARBON CHQ	2020	42.4
73691	O&k American Corp.	7213990060	Granted	3/24/2020	Japan	26.77	NO	CARBON CHQ	2020	1,032.0
73692	O&k American Corp.	7213990060	Granted	3/23/2020	Japan	28.75	NO	CARBON CHQ	2020	291.4
73694	O&k American Corp.	7213990060	Granted	3/24/2020	Japan	31.72	NO	CARBON CHQ	2020	1,169.1
73695	O&k American Corp.	7213990060	Granted	3/23/2020	Japan	32.72	NO	CARBON CHQ	2020	42.4
73697	O&k American Corp.	7213990060	Granted	3/23/2020	Japan	34.67	NO	CARBON CHQ	2020	193.2
73698	O&k American Corp.	7213990060	Granted	3/24/2020	Japan	37.67	NO	CARBON CHQ	2020	1,473.4
73699	O&k American Corp.	7213990060	Granted	3/24/2020	Japan	37.67	NO	CARBON CHQ	2020	1,473.4
73700	O&k American Corp.	7213990060	Granted	3/23/2020	Japan	24.77	NO	CARBON CHQ	2020	42.4
73701	O&k American Corp.	7213990060	Granted	3/23/2020	Japan	25.77	NO	CARBON CHQ	2020	164.4
73703	O&k American Corp.	7213990060	Granted	3/23/2020	Japan	27.77	NO	CARBON CHQ	2020	42.4
73705	O&k American Corp.	7213990060	Granted	3/23/2020	Japan	37.67	NO	CARBON CHQ	2020	465.6
74268	Blue Ridge Metals Corp.	7213990060	Granted	3/25/2020	Japan	29.5	NO	CARBON CHQ	2020	981.8
75383	Krueger Steel & Wire	7213200010	Granted	3/30/2020	Spain	12.2	NO	FREE MACHINING/CUTTING	2020	500.0
75553	Blue Ridge Metals Corp.	7213990060	Granted	3/30/2020	Japan	25.5	NO	CARBON CHQ	2020	200.0
75596	Metal One America, Inc.	7213913015	Granted	3/31/2020	Japan	7.5	YES	MICROALLOY CHQ (MEXICO CAN MAK	2020	900.0
75598	Metal One America, Inc.	7213913015	Granted	3/31/2020	Japan	8	YES	MICROALLOY CHQ (MEXICO CAN MAK	2020	2,160.0
75629	Metal One America, Inc.	7213913015	Granted	3/31/2020	Japan	10	YES	MICROALLOY CHQ (MEXICO CAN MAK	2020	108.0
75632	Metal One America, Inc.	7213913015	Granted	3/30/2020	Japan	11	YES	MICROALLOY CHQ (MEXICO CAN MAK	2020	72.0
75941	O&k American Corp	7213990060	Granted	3/31/2020	Japan	29.5	NO	CARBON CHQ	2020	200.0
75945	O&k American Corp	7213990030	Granted	3/31/2020	Japan	15	YES	CARBON CHQ	2020	200.0
78544	Shinsho American Corporation	7213913015	Granted	7/4/2020	Japan	5.5	YES	CARBON CHQ	2020	5.0
78546	Shinsho American Corporation	7213913015	Granted	8/4/2020	Japan	7.5	YES	CARBON CHQ	2020	72.0
78548	Shinsho American Corporation	7213913015	Granted	9/4/2020	Japan	8.3	YES	CARBON CHQ	2020	12.0

78550	Shinsho American Corporation	7213913015	Granted	7/4/2020	Japan	8.7	YES	CARBON CHQ	2020	7.0
78552	Shinsho American Corporation	7213913015	Granted	7/4/2020	Japan	10.5	YES	CARBON CHQ	2020	192.0
78554	Shinsho American Corporation	7213913015	Granted	7/4/2020	Japan	11.5	YES	CARBON CHQ	2020	96.0
78556	Shinsho American Corporation	7213913015	Granted	7/4/2020	Japan	12	YES	CARBON CHQ	2020	48.0
78558	Shinsho American Corporation	7213913015	Granted	7/4/2020	Japan	12.7	YES	CARBON CHQ	2020	240.0
78561	Shinsho American Corporation	7213913015	Granted	7/4/2020	Japan	13.5	YES	CARBON CHQ	2020	216.0
78588	Shinsho American Corporation	7213913015	Granted	8/4/2020	Japan	12.7	YES	CARBON CHQ	2020	144.0
78597	Shinsho American Corporation	7213913015	Granted	7/4/2020	Japan	11.5	YES	ALLOY STEEL	2020	84.0
78598	Shinsho American Corporation	7213913015	Granted	8/4/2020	Japan	12	YES	ALLOY STEEL	2020	120.0
78608	Shinsho American Corporation	7213913015	Granted	7/4/2020	Japan	7.5	YES	ALLOY STEEL	2020	5.0
78609	Shinsho American Corporation	7213913015	Granted	8/4/2020	Japan	12	YES	ALLOY STEEL	2020	17.0
78610	Shinsho American Corporation	7213913015	Granted	6/4/2020	Japan	10	YES	ALLOY STEEL	2020	160.0
78612	Shinsho American Corporation	7213913015	Granted	7/4/2020	Japan	12.3	YES	ALLOY STEEL	2020	720.0
79055	O&k American Corp	7213913015	Granted	6/4/2020	Japan	11.7	YES	CARBON CHQ	2020	200.0
1503	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	6/27/2019	Japan	12.3	YES	ALLOY STEEL	2019	300.0
1566	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	6/27/2019	Japan	6.3	YES	CARBON CHQ	2019	286.0
1608	Metal One America, Inc	7227906030	Granted	6/27/2019	Japan	12.3	YES	ALLOY STEEL	2019	120.0
1612	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	6/28/2019	Japan	6.3	YES	CARBON CHQ	2019	286.0
1671	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	6/28/2019	Japan	8.8	YES	CARBON CHQ	2019	294.0
1715	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	6/28/2019	Japan	8.8	YES	CARBON CHQ	2019	294.0
1716	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	6/28/2019	Japan	8.8	YES	CARBON CHQ	2019	294.0
1718	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	6/28/2019	Japan	11.3	YES	CARBON CHQ	2019	376.0
1722	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	6/28/2019	Japan	11.3	YES	CARBON CHQ	2019	376.0
1727	Nippon Steel Cold Heading Wire Indiana Inc.	7227906035	Granted	6/28/2019	Japan	14	YES	CARBON CHQ	2019	50.0
1729	Nippon Steel Cold Heading Wire Indiana Inc.	7227906035	Granted	6/28/2019	Japan	14	YES	CARBON CHQ	2019	50.0
1740	Nippon Steel Cold Heading Wire Indiana Inc.	7227906035	Granted	6/28/2019	Japan	14	YES	CARBON CHQ	2019	50.0
1753	Nippon Steel Cold Heading Wire Indiana Inc.	7227906040	Granted	6/28/2019	Japan	21.5	NO	ALLOY STEEL	2019	360.0
1840	Nippon Steel Cold Heading Wire Indiana Inc.	7227906040	Granted	1/7/2019	Japan	21.5	NO	ALLOY STEEL	2019	360.0
1868	Nippon Steel Cold Heading Wire Indiana Inc.	7227906040	Granted	2/7/2019	Japan	21.5	NO	ALLOY STEEL	2019	360.0
2007	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	2/7/2019	Japan	6	YES	ALLOY CHQ	2019	180.0
2008	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	2/7/2019	Japan	8.5	YES	ALLOY CHQ	2019	1,650.0
2011	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	2/7/2019	Japan	10.5	YES	ALLOY CHQ	2019	1,000.0
2012	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	2/7/2019	Japan	11.5	YES	ALLOY CHQ	2019	90.0
2024	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	2/7/2019	Japan	5.2	YES	ALLOY CHQ	2019	1,800.0
2030	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	2/7/2019	Japan	8	YES	ALLOY CHQ	2019	50.0
2077	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	2/7/2019	Japan	9	YES	ALLOY CHQ	2019	200.0
2233	NSK Corporation	7227901030	Granted	3/7/2019	Japan	8.3	NO	BALL BEARING STEEL	2019	600.0
2246	NSK Corporation	7227901030	Granted	3/7/2019	Japan	9.4	NO	BALL BEARING STEEL	2019	600.0

	2255	NSK Corporation	7227901030	Granted	3/7/2019	Japan		11	NO	BALL BEARING STEEL	2019	240.0
	2380	NSK Corporation	7227901030	Granted	5/7/2019	Japan		8.9	NO	BALL BEARING STEEL	2019	1,800.0
	2518	Nippon Steel Trading Americas, Inc.	7227902060	Granted	3/7/2019	Japan		14	NO	BALL BEARING STEEL	2019	800.0
	2656	Nippon Steel Trading Americas, Inc.	7227902060	Granted	8/7/2019	Japan		15.5	NO	BALL BEARING STEEL	2019	1,500.0
	2688	MNP CORPORATION	7227906010	Granted	10/31/2019	Canada		7.5	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	284.3
	2833	Nippon Steel Trading Americas, Inc.	7227902060	Granted	8/7/2019	Japan		11	NO	BALL BEARING STEEL	2019	225.0
	4058	ASWPengg	7227906030	Granted	12/7/2019	Japan		7.75	YES	ALLOY STEEL	2019	1,500.0
	4187	ASWPengg	7227906030	Granted	12/7/2019	Germany		5.25	YES	ALLOY STEEL	2019	1,000.0
	4212	ASWPengg	7227906030	Granted	12/7/2019	Japan		6.25	YES	ALLOY STEEL	2019	200.0
	4222	ASWPengg	7227906030	Granted	7/15/2019	Japan		9.25	YES	ALLOY STEEL	2019	200.0
	5373	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	7/19/2019	Japan		11.3	YES	CARBON CHQ	2019	376.0
	5755	Schaeffler Group USA Inc.	7227902030	Granted	7/26/2019	Japan	NA		NO	BALL BEARING STEEL	2019	3,500.0
	5764	Schaeffler Group USA Inc.	7227902030	Granted	7/29/2019	Japan	NA		NO	BALL BEARING STEEL	2019	100.0
	5768	Schaeffler Group USA Inc.	7227902030	Granted	7/29/2019	Japan	NA		NO	BALL BEARING STEEL	2019	3,500.0
	5810	Schaeffler Group USA Inc.	7227902030	Granted	7/29/2019	Japan	NA		NO	BALL BEARING STEEL	2019	400.0
	5823	Schaeffler Group USA Inc.	7227902030	Granted	7/29/2019	Japan	NA		NO	BALL BEARING STEEL	2019	600.0
30876		O&k American Corp.	7213990060	Granted	10/21/2019	Japan		19	NO	CARBON CHQ	2019	42.4
30878		O&k American Corp.	7213913093	Granted	10/21/2019	Japan		9.7	YES	CARBON CHQ	2019	42.4
30889		O&k American Corp.	7213990060	Granted	10/22/2019	Japan		19	NO	CARBON STEEL (DEACERO CAN MAKE)	2019	42.4
30901		O&k American Corp.	7213990060	Granted	10/23/2019	Japan		19	NO	CARBON STEEL (DEACERO CAN MAKE)	2019	42.4
30926		O&k American Corp.	7213990030	Granted	10/22/2019	Japan		14	YES	ALLOY STEEL	2019	42.4
30928		O&k American Corp.	7213990030	Granted	10/23/2019	Japan		14	YES	ALLOY STEEL	2019	42.4
30938		O&k American Corp.	7213913093	Granted	10/21/2019	Japan		5.2	YES	CARBON CHQ	2019	42.4
30942		O&k American Corp.	7213913093	Granted	10/21/2019	Japan		9.7	YES	CARBON CHQ	2019	42.4
30944		O&k American Corp.	7213913093	Granted	10/22/2019	Japan		10	YES	CARBON CHQ	2019	42.4
30948		O&k American Corp.	7213990060	Granted	10/23/2019	Japan		29.5	NO	CARBON CHQ	2019	42.4
31485		The Lincoln Electric Company	7213913020	Granted	10/22/2019	Germany		5	YES	CARBON BOF	2019	2,000.0
31710		The Lincoln Electric Company	7213913020	Granted	10/23/2019	Germany		5	YES	CARBON BOF	2019	2,000.0
31711		The Lincoln Electric Company	7213913020	Granted	11/19/2019	Germany		5.5	YES	CARBON BOF	2019	4,000.0
31715		The Lincoln Electric Company	7213913020	Granted	11/20/2019	Germany		5	YES	CARBON BOF	2019	1,000.0
31739		Hercules Drawn Steel Corporation	7213200010	Granted	10/22/2019	United Kingdo		23.58	NO	FREE MACHINING/CUTTING	2019	200.0
31741		Hercules Drawn Steel Corporation	7213200010	Granted	10/23/2019	United Kingdo		14.11	NO	FREE MACHINING/CUTTING	2019	140.0
31744		Hercules Drawn Steel Corporation	7213200010	Granted	10/22/2019	United Kingdo		20.43	NO	FREE MACHINING/CUTTING	2019	200.0
31745		Hercules Drawn Steel Corporation	7213200010	Granted	10/23/2019	United Kingdo		17.26	NO	FREE MACHINING/CUTTING	2019	200.0
31747		Hercules Drawn Steel Corporation	7213200010	Granted	10/21/2019	United Kingdo		22.02	NO	FREE MACHINING/CUTTING	2019	180.0
31749		Hercules Drawn Steel Corporation	7213200010	Granted	10/21/2019	United Kingdo		18.85	NO	FREE MACHINING/CUTTING	2019	50.0
31750		Hercules Drawn Steel Corporation	7213200010	Granted	10/23/2019	United Kingdo		25.17	NO	FREE MACHINING/CUTTING	2019	95.0
31752		Hercules Drawn Steel Corporation	7213200010	Granted	10/22/2019	United Kingdo		26.73	NO	FREE MACHINING/CUTTING	2019	300.0

31967	The Lincoln Electric Company	7213913020	Granted	10/24/2019	Canada	5	YES	ALLOY BOF	2019	8,000.0
31976	The Lincoln Electric Company	7213913020	Granted	10/23/2019	Canada	5	YES	CARBON BOF	2019	2,000.0
31989	The Lincoln Electric Company	7213913020	Granted	10/23/2019	Canada	5	YES	CARBON BOF	2019	9,000.0
31999	The Lincoln Electric Company	7213913020	Granted	11/20/2019	Canada	5	YES	CARBON BOF	2019	15,000.0
32465	O&k American Corp.	7213913093	Granted	7/11/2019	Japan	11.2	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	2,028.2
32474	O&k American Corp.	7213913093	Granted	6/11/2019	Japan	8	YES	CARBON CHQ	2019	398.0
32720	O&k American Corp.	7213990060	Granted	10/25/2019	Japan	20.8	NO	ALLOY STEEL	2019	42.4
32729	O&k American Corp.	7213913093	Granted	10/25/2019	Japan	12.7	YES	ALLOY STEEL	2019	50.3
32731	O&k American Corp.	7213913093	Granted	10/25/2019	Japan	10	YES	CARBON CHQ	2019	42.4
32732	O&k American Corp.	7213913093	Granted	10/29/2019	Japan	8.4	YES	ALLOY STEEL	2019	51.7
32736	O&k American Corp.	7213913093	Granted	10/25/2019	Japan	7.2	YES	CARBON CHQ	2019	84.4
32737	O&k American Corp.	7213990030	Granted	10/25/2019	Japan	16.96	YES	CARBON CHQ	2019	42.4
32739	O&k American Corp.	7213990030	Granted	10/25/2019	Japan	14.7	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	42.4
32741	O&k American Corp.	7213990030	Granted	10/25/2019	Japan	14.7	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	42.4
32743	O&k American Corp.	7213990030	Granted	10/29/2019	Japan	14.7	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	42.4
32744	O&k American Corp.	7213990030	Granted	10/25/2019	Japan	14.7	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	42.4
32746	O&k American Corp.	7213913093	Granted	10/25/2019	Japan	11.7	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	42.4
32748	O&k American Corp.	7213913093	Granted	10/25/2019	Japan	11.7	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	42.4
32750	O&k American Corp.	7213990030	Granted	10/25/2019	Japan	14	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	60.0
32754	O&k American Corp.	7213990030	Granted	10/30/2019	Japan	14	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	60.0
32765	O&k American Corp.	7213990030	Granted	10/30/2019	Japan	15.6	YES	ALLOY STEEL	2019	58.9
32767	O&k American Corp.	7213990030	Granted	10/25/2019	Japan	15.6	YES	ALLOY STEEL	2019	58.9
32774	O&k American Corp.	7213990030	Granted	10/31/2019	Japan	14.7	YES	ALLOY STEEL	2019	42.4
32778	O&k American Corp.	7213990030	Granted	1/11/2019	Japan	14.7	YES	ALLOY STEEL	2019	42.4
32780	O&k American Corp.	7213990030	Granted	1/11/2019	Japan	14	YES	CARBON CHQ	2019	1,517.4
32783	O&k American Corp.	7213990030	Granted	10/31/2019	Japan	14.97	YES	CARBON CHQ	2019	791.6
32785	O&k American Corp.	7213990030	Granted	1/11/2019	Japan	14.97	YES	CARBON CHQ	2019	1,087.3
32788	O&k American Corp.	7213990030	Granted	1/11/2019	Japan	16.6	YES	CARBON CHQ	2019	742.8
32790	O&k American Corp.	7213913093	Granted	1/11/2019	Japan	11.7	YES	ALLOY STEEL	2019	980.4
32794	O&k American Corp.	7213913093	Granted	10/31/2019	Japan	8.7	YES	ALLOY STEEL	2019	42.4
33007	DENSO Manufacturing Tennesse, Inc.	7213990030	Granted	10/24/2019	Germany	18	YES	ALLOY STEEL	2019	1,020.0
33204	Blue Ridge Metals Corp.	7213990060	Granted	10/24/2019	Japan	25.6	NO	CARBON CHQ	2019	24.0
33411	O&k American Corp.	7213913093	Granted	1/11/2019	Japan	12	YES	ALLOY STEEL	2019	2,026.7
33413	O&k American Corp.	7213913093	Granted	1/11/2019	Japan	12	YES	ALLOY STEEL	2019	999.4
33416	O&k American Corp.	7213913093	Granted	1/11/2019	Japan	12	YES	ALLOY STEEL	2019	999.4
33418	O&k American Corp.	7213913093	Granted	1/11/2019	Japan	12.7	YES	ALLOY STEEL	2019	51.1
33420	O&k American Corp.	7213913093	Granted	1/11/2019	Japan	12.7	YES	ALLOY STEEL	2019	51.1
33447	O&k American Corp.	7213913093	Granted	10/25/2019	Japan	11.2	YES	ALLOY STEEL	2019	5,307.6

33449	O&k American Corp.	7213913093	Granted	10/25/2019	Japan	11.2	YES	ALLOY STEEL	2019	5,307.6
33453	O&k American Corp.	7213913093	Granted	10/28/2019	Japan	12	YES	ALLOY STEEL	2019	2,319.5
33454	O&k American Corp.	7213913093	Granted	10/25/2019	Japan	12	YES	ALLOY STEEL	2019	2,319.5
33458	O&k American Corp.	7213913093	Granted	10/25/2019	Japan	12.7	YES	ALLOY STEEL	2019	42.4
33459	O&k American Corp.	7213913093	Granted	10/25/2019	Japan	12.7	YES	ALLOY STEEL	2019	42.4
33463	O&k American Corp.	7213913093	Granted	10/25/2019	Japan	9.6	YES	CARBON CHQ	2019	985.3
33464	O&k American Corp.	7213913093	Granted	10/25/2019	Japan	9.7	YES	CARBON CHQ	2019	60.6
33465	O&k American Corp.	7213990060	Granted	10/25/2019	Japan	24.6	NO	CARBON STEEL (DEACERO CAN MAKE)	2019	691.5
33466	O&k American Corp.	7213990060	Granted	10/30/2019	Japan	24.6	NO	CARBON STEEL (DEACERO CAN MAKE)	2019	691.5
33467	O&k American Corp.	7213990060	Granted	10/29/2019	Japan	25.6	NO	CARBON STEEL (DEACERO CAN MAKE)	2019	42.4
33468	O&k American Corp.	7213913093	Granted	10/29/2019	Japan	7.7	YES	ALLOY STEEL	2019	59.9
33470	O&k American Corp.	7213913093	Granted	10/25/2019	Japan	11.1	YES	ALLOY STEEL	2019	60.4
33471	O&k American Corp.	7213990030	Granted	10/25/2019	Japan	15.6	YES	CARBON CHQ	2019	270.5
33472	O&k American Corp.	7213990030	Granted	10/28/2019	Japan	14.7	YES	CARBON CHQ	2019	42.4
33473	O&k American Corp.	7213913093	Granted	10/28/2019	Japan	5.7	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	211.8
33474	O&k American Corp.	7213990060	Granted	10/25/2019	Japan	19.9	NO	CARBON CHQ	2019	83.3
33476	O&k American Corp.	7213990060	Granted	10/30/2019	Japan	31.5	NO	CARBON CHQ	2019	204.4
33479	O&k American Corp.	7213913093	Granted	10/25/2019	Japan	13.1	YES	CARBON CHQ	2019	44.4
33482	O&k American Corp.	7213913093	Granted	10/30/2019	Japan	10.7	YES	CARBON CHQ	2019	157.1
33484	O&k American Corp.	7213913093	Granted	10/29/2019	Japan	11.7	YES	CARBON CHQ	2019	170.1
33486	O&k American Corp.	7213990030	Granted	10/25/2019	Japan	14.7	YES	CARBON CHQ	2019	111.2
33488	O&k American Corp.	7213990030	Granted	10/28/2019	Japan	16.6	YES	CARBON CHQ	2019	42.4
33490	O&k American Corp.	7213990060	Granted	10/25/2019	Japan	19.9	NO	CARBON CHQ	2019	270.4
33493	O&k American Corp.	7213990060	Granted	10/25/2019	Japan	26.7	NO	CARBON CHQ	2019	744.9
33530	O&k American Corp.	7213990060	Granted	10/30/2019	Japan	32.5	NO	CARBON CHQ	2019	79.2
33531	O&k American Corp.	7213990060	Granted	10/29/2019	Japan	32.5	NO	CARBON CHQ	2019	79.2
33532	O&k American Corp.	7213990060	Granted	10/29/2019	Japan	37.5	NO	CARBON CHQ	2019	460.7
33534	O&k American Corp.	7213990060	Granted	10/25/2019	Japan	37.5	NO	CARBON CHQ	2019	460.7
33536	O&k American Corp.	7213990030	Granted	10/28/2019	Japan	14	YES	CARBON CHQ	2019	42.4
33539	O&k American Corp.	7213990060	Granted	10/25/2019	Japan	37.4	NO	CARBON CHQ	2019	378.5
33544	O&k American Corp.	7213913093	Granted	10/25/2019	Japan	8.7	YES	CARBON CHQ	2019	162.9
33546	O&k American Corp.	7213913093	Granted	10/30/2019	Japan	6.7	YES	CARBON CHQ	2019	337.3
33549	O&k American Corp.	7213913093	Granted	10/28/2019	Japan	9.7	YES	ALLOY STEEL	2019	55.8
33550	O&k American Corp.	7213990030	Granted	10/25/2019	Japan	14	YES	ALLOY STEEL	2019	55.8
33553	O&k American Corp.	7213913093	Granted	10/28/2019	Japan	7.7	YES	CARBON CHQ	2019	67.7
33556	O&k American Corp.	7213913093	Granted	10/29/2019	Japan	9.2	YES	CARBON CHQ	2019	217.8
33558	O&k American Corp.	7213913093	Granted	10/25/2019	Japan	10	YES	CARBON CHQ	2019	114.7
33561	O&k American Corp.	7213913093	Granted	10/29/2019	Japan	10.4	YES	CARBON CHQ	2019	50.0

33565	O&k American Corp.	7213913093	Granted	10/28/2019	Japan	12.7	YES	CARBON CHQ	2019	91.9
33569	O&k American Corp.	7213913093	Granted	10/28/2019	Japan	7.7	YES	CARBON CHQ	2019	42.4
33571	O&k American Corp.	7213913093	Granted	10/25/2019	Japan	9.2	YES	CARBON CHQ	2019	42.4
33574	O&k American Corp.	7213913093	Granted	10/25/2019	Japan	9.9	YES	CARBON CHQ	2019	42.4
33578	Hercules Drawn Steel Corporation	7213200010	Granted	10/29/2019	Germany	14.8209	NO	FREE MACHINING/CUTTING	2019	325.0
33578	Hercules Drawn Steel Corporation	7213200010	Granted	10/29/2019	France	14.8209	NO	FREE MACHINING/CUTTING	2019	325.0
33579	O&k American Corp.	7213913093	Granted	10/29/2019	Japan	12.6	YES	CARBON CHQ	2019	42.4
33582	O&k American Corp.	7213990030	Granted	10/25/2019	Japan	14	YES	CARBON CHQ	2019	41.9
33584	O&k American Corp.	7213990030	Granted	10/28/2019	Japan	17.1	YES	CARBON CHQ	2019	42.4
33587	O&k American Corp.	7213990060	Granted	10/25/2019	Japan	19.6	NO	CARBON CHQ	2019	844.9
33590	O&k American Corp.	7213990060	Granted	10/25/2019	Japan	19.6	NO	CARBON CHQ	2019	844.9
33594	O&k American Corp.	7213990060	Granted	10/30/2019	Japan	23.6	NO	CARBON CHQ	2019	1,559.3
33597	O&k American Corp.	7213913093	Granted	10/28/2019	Japan	10	YES	CARBON CHQ	2019	42.4
33604	O&k American Corp.	7213913093	Granted	10/29/2019	Japan	11.2	YES	CARBON CHQ	2019	386.8
33605	O&k American Corp.	7213913093	Granted	10/25/2019	Japan	12	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	1,602.4
33607	O&k American Corp.	7213913093	Granted	10/25/2019	Japan	12	YES	CARBON CHQ	2019	1,602.4
33609	O&k American Corp.	7213913093	Granted	10/29/2019	Japan	12.4	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	838.8
33612	O&k American Corp.	7213913093	Granted	10/29/2019	Japan	12.4	YES	CARBON CHQ	2019	838.8
33614	O&k American Corp.	7213913093	Granted	10/25/2019	Japan	13.2	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	2,842.8
33615	O&k American Corp.	7213913093	Granted	10/25/2019	Japan	13.2	YES	CARBON CHQ	2019	2,842.8
33619	O&k American Corp.	7213913093	Granted	10/25/2019	Japan	13.2	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	4,398.2
33621	O&k American Corp.	7213990030	Granted	10/25/2019	Japan	14.6	YES	CARBON CHQ	2019	119.4
33622	O&k American Corp.	7213990030	Granted	10/25/2019	Japan	15.9	YES	CARBON CHQ	2019	254.2
33624	O&k American Corp.	7213990030	Granted	10/25/2019	Japan	16.6	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	2,493.3
33627	O&k American Corp.	7213990030	Granted	10/29/2019	Japan	16.6	YES	CARBON CHQ	2019	2,493.3
33628	O&k American Corp.	7213990030	Granted	11/19/2019	Japan	16.6	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	3,101.0
33630	O&k American Corp.	7213990030	Granted	10/25/2019	Japan	17.6	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	1,380.3
33631	O&k American Corp.	7213990030	Granted	10/25/2019	Japan	17.6	YES	CARBON CHQ	2019	1,380.3
33632	O&k American Corp.	7213990030	Granted	10/28/2019	Japan	17.6	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	2,505.5
33633	O&k American Corp.	7213990060	Granted	10/28/2019	Japan	19	NO	CARBON STEEL (DEACERO CAN MAKE)	2019	3,315.4
33635	O&k American Corp.	7213990060	Granted	10/25/2019	Japan	19	NO	CARBON CHQ	2019	3,315.4
33637	O&k American Corp.	7213990060	Granted	10/25/2019	Japan	19	NO	CARBON STEEL (DEACERO CAN MAKE)	2019	6,543.7
33640	O&k American Corp.	7213990060	Granted	10/25/2019	Japan	23.6	NO	CARBON STEEL (DEACERO CAN MAKE)	2019	203.4
33641	O&k American Corp.	7213990060	Granted	10/29/2019	Japan	35.5	NO	CARBON CHQ	2019	148.8
33642	Blue Ridge Metals Corp.	7213990060	Granted	10/30/2019	Japan	25.6	NO	CARBON CHQ	2019	200.0
33643	O&k American Corp.	7213990030	Granted	10/29/2019	Japan	15.1	YES	CARBON CHQ	2019	94.7
33645	O&k American Corp.	7213990030	Granted	10/28/2019	Japan	15.6	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	260.1
33646	O&k American Corp.	7213990030	Granted	10/25/2019	Japan	15.6	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	260.1

33647	O&k American Corp.	7213990030	Granted	10/25/2019	Japan	15.6	YES	CARBON CHQ	2019	260.1
33649	O&k American Corp.	7213990030	Granted	10/28/2019	Japan	15.6	YES	CARBON CHQ	2019	260.1
33652	O&k American Corp.	7213990030	Granted	10/29/2019	Japan	16.6	YES	CARBON CHQ	2019	42.4
33653	O&k American Corp.	7213990030	Granted	10/25/2019	Japan	16.6	YES	CARBON CHQ	2019	42.4
33654	O&k American Corp.	7213990060	Granted	10/25/2019	Japan	19	NO	CARBON CHQ	2019	42.4
33657	O&k American Corp.	7213990060	Granted	10/29/2019	Japan	19	NO	CARBON CHQ	2019	42.4
33658	O&k American Corp.	7213990060	Granted	10/30/2019	Japan	19	NO	CARBON CHQ	2019	42.4
33661	O&k American Corp.	7213990060	Granted	10/28/2019	Japan	19	NO	CARBON CHQ	2019	42.4
33662	O&k American Corp.	7213990060	Granted	10/25/2019	Japan	19.9	NO	CARBON STEEL (DEACERO CAN MAKE)	2019	455.1
33664	O&k American Corp.	7213990060	Granted	10/28/2019	Japan	19.9	NO	CARBON STEEL (DEACERO CAN MAKE)	2019	455.1
33665	O&k American Corp.	7213990060	Granted	10/28/2019	Japan	19.9	NO	CARBON CHQ	2019	455.1
33667	O&k American Corp.	7213990060	Granted	10/25/2019	Japan	19.9	NO	CARBON CHQ	2019	455.1
33675	O&k American Corp.	7213990060	Granted	10/29/2019	Japan	19.9	NO	CARBON CHQ	2019	455.1
33676	O&k American Corp.	7213990060	Granted	10/29/2019	Japan	19.9	NO	CARBON CHQ	2019	455.1
33677	O&k American Corp.	7213990060	Granted	10/28/2019	Japan	19.6	NO	CARBON CHQ	2019	190.0
33680	O&k American Corp.	7213990060	Granted	10/28/2019	Japan	19.6	NO	CARBON CHQ	2019	303.0
33681	O&k American Corp.	7213990060	Granted	10/28/2019	Japan	23.6	NO	CARBON CHQ	2019	700.7
33683	O&k American Corp.	7213913093	Granted	10/25/2019	Japan	9.7	YES	CARBON CHQ	2019	42.4
33715	O&k American Corp.	7213913093	Granted	10/25/2019	Japan	10	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	255.8
33717	O&k American Corp.	7213913093	Granted	10/25/2019	Japan	11.2	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	3,259.2
33718	O&k American Corp.	7213990030	Granted	10/25/2019	Japan	15.1	YES	CARBON CHQ	2019	314.3
33720	O&k American Corp.	7213990030	Granted	10/25/2019	Japan	15.1	YES	CARBON CHQ	2019	314.3
33721	O&k American Corp.	7213990030	Granted	10/29/2019	Japan	14.7	YES	CARBON CHQ	2019	42.4
33722	O&k American Corp.	7213913093	Granted	10/30/2019	Japan	10	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	121.9
33724	O&k American Corp.	7213913093	Granted	10/29/2019	Japan	11.2	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	2,028.2
33726	O&k American Corp.	7213913093	Granted	10/25/2019	Japan	11.2	YES	CARBON CHQ	2019	2,028.2
33728	O&k American Corp.	7213990030	Granted	10/28/2019	Japan	14.6	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	7,181.0
33926	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	10/29/2019	Japan	13.3	YES	CARBON CHQ	2019	120.0
34722	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	10/30/2019	Japan	9.8	YES	CARBON CHQ	2019	72.0
34723	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	10/29/2019	Japan	11.3	YES	CARBON CHQ	2019	1,080.0
34724	Nippon Steel Cold Heading Wire Indiana Inc.	7213990030	Granted	10/29/2019	Japan	16.3	YES	CARBON CHQ	2019	216.0
34727	Nippon Steel Cold Heading Wire Indiana Inc.	7213990060	Granted	10/30/2019	Japan	24.6	NO	CARBON CHQ	2019	576.0
34728	Nippon Steel Cold Heading Wire Indiana Inc.	7213990060	Granted	10/30/2019	Japan	30.6	NO	CARBON CHQ	2019	306.0
35117	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	10/30/2019	Japan	6.3	YES	CARBON CHQ	2019	54.0
35118	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	10/31/2019	Japan	7.3	YES	CARBON CHQ	2019	50.0
35120	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	10/30/2019	Japan	8.3	YES	CARBON CHQ	2019	18.0
35123	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	10/31/2019	Japan	10.8	YES	CARBON CHQ	2019	27.0
35124	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	10/30/2019	Japan	12.5	YES	CARBON CHQ	2019	50.0

35127	Nippon Steel Cold Heading Wire Indiana Inc.	7213990030	Granted	10/30/2019	Japan	14	YES	CARBON CHQ	2019	50.0
35136	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	10/30/2019	Japan	10.8	YES	CARBON CHQ	2019	144.0
35141	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	10/30/2019	Japan	6.8	YES	CARBON CHQ	2019	72.0
35142	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	10/30/2019	Japan	10.3	YES	CARBON CHQ	2019	50.0
35143	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	10/30/2019	Japan	6.8	YES	CARBON CHQ	2019	216.0
35144	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	10/30/2019	Japan	11.8	YES	ALLOY STEEL	2019	18.0
35219	O&k American Corp.	7213990030	Granted	10/31/2019	Japan	15.1	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	403.2
35223	O&k American Corp.	7213990030	Granted	1/11/2019	Japan	16	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	1,752.4
35224	O&k American Corp.	7213990030	Granted	10/31/2019	Japan	17.1	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	128.7
35227	O&k American Corp.	7213990060	Granted	1/11/2019	Japan	21.6	NO	CARBON STEEL (DEACERO CAN MAKE)	2019	65.7
35228	O&k American Corp.	7213990030	Granted	1/11/2019	Japan	15.1	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	206.1
35229	O&k American Corp.	7213990030	Granted	1/11/2019	Japan	15.1	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	795.7
35233	O&k American Corp.	7213990030	Granted	10/31/2019	Japan	15.1	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	795.7
35234	O&k American Corp.	7213990030	Granted	10/31/2019	Japan	16.6	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	189.8
35235	O&k American Corp.	7213990030	Granted	1/11/2019	Japan	16.6	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	189.8
35237	O&k American Corp.	7213990030	Granted	1/11/2019	Japan	16.6	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	350.1
35239	O&k American Corp.	7213990030	Granted	1/11/2019	Japan	16.6	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	350.1
35240	O&k American Corp.	7213990060	Granted	1/11/2019	Japan	19	NO	CARBON STEEL (DEACERO CAN MAKE)	2019	42.4
35243	O&k American Corp.	7213990060	Granted	1/11/2019	Japan	19	NO	CARBON STEEL (DEACERO CAN MAKE)	2019	42.4
35275	O&k American Corp.	7213913093	Granted	10/31/2019	Japan	5.37	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	42.4
35279	O&k American Corp.	7213913093	Granted	1/11/2019	Japan	5.37	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	42.4
35323	O&k American Corp.	7213913093	Granted	1/11/2019	Japan	5.2	YES	ALLOY STEEL	2019	2,024.6
35325	O&k American Corp.	7213913093	Granted	2/12/2019	Japan	5.2	YES	ALLOY STEEL	2019	2,024.6
35333	O&k American Corp.	7213913093	Granted	1/11/2019	Japan	6.1	YES	CARBON CHQ	2019	71.5
35337	O&k American Corp.	7213913093	Granted	1/11/2019	Japan	6.1	YES	CARBON CHQ	2019	71.5
35454	O&k American Corp.	7213913093	Granted	1/11/2019	Japan	7.2	YES	ALLOY STEEL	2019	2,772.5
35455	O&k American Corp.	7213913093	Granted	10/31/2019	Japan	7.2	YES	ALLOY STEEL	2019	2,772.5
35460	O&k American Corp.	7213913093	Granted	1/11/2019	Japan	8	YES	CARBON CHQ	2019	398.0
35462	O&k American Corp.	7213913093	Granted	10/31/2019	Japan	8	YES	CARBON CHQ	2019	398.0
35500	O&k American Corp.	7213913093	Granted	1/11/2019	Japan	9.1	YES	ALLOY STEEL	2019	2,100.0
35503	O&k American Corp.	7213913093	Granted	1/11/2019	Japan	9.1	YES	ALLOY STEEL	2019	2,100.0
35510	O&k American Corp.	7213913093	Granted	1/11/2019	Japan	11.2	YES	ALLOY STEEL	2019	289.8
35513	O&k American Corp.	7213913093	Granted	10/31/2019	Japan	11.2	YES	ALLOY STEEL	2019	289.8
35521	O&k American Corp.	7213990030	Granted	1/11/2019	Japan	14	YES	ALLOY STEEL	2019	42.4
35524	O&k American Corp.	7213990030	Granted	1/11/2019	Japan	14	YES	ALLOY STEEL	2019	42.4
35533	O&k American Corp.	7213990030	Granted	1/11/2019	Japan	14	YES	ALLOY STEEL	2019	83.3
35535	O&k American Corp.	7213990030	Granted	1/11/2019	Japan	14	YES	ALLOY STEEL	2019	83.3
35540	O&k American Corp.	7213990030	Granted	10/31/2019	Japan	15.6	YES	ALLOY STEEL	2019	83.1

35541	O&k American Corp.	7213990030	Granted	1/11/2019	Japan	15.6	YES	ALLOY STEEL	2019	83.1
35546	O&k American Corp.	7213990030	Granted	1/11/2019	Japan	16.6	YES	ALLOY STEEL	2019	85.5
35547	O&k American Corp.	7213990030	Granted	10/31/2019	Japan	16.6	YES	ALLOY STEEL	2019	85.5
35559	O&k American Corp.	7213913093	Granted	1/11/2019	Japan	5.2	YES	CARBON CHQ	2019	42.4
35561	O&k American Corp.	7213913093	Granted	1/11/2019	Japan	7.2	YES	CARBON CHQ	2019	101.1
35562	O&k American Corp.	7213913093	Granted	1/11/2019	Japan	9.2	YES	CARBON CHQ	2019	49.9
35565	O&k American Corp.	7213913093	Granted	1/11/2019	Japan	9.7	YES	CARBON CHQ	2019	42.4
35568	O&k American Corp.	7213913093	Granted	1/11/2019	Japan	10	YES	CARBON CHQ	2019	42.4
35569	O&k American Corp.	7213990030	Granted	1/11/2019	Japan	17.6	YES	CARBON CHQ	2019	155.2
35570	O&k American Corp.	7213990060	Granted	1/11/2019	Japan	19	NO	CARBON CHQ	2019	181.5
35593	O&k American Corp.	7213913093	Granted	1/11/2019	Japan	8.4	YES	ALLOY STEEL	2019	42.9
35596	O&k American Corp.	7213913093	Granted	1/11/2019	Japan	8.4	YES	ALLOY STEEL	2019	42.9
35609	O&k American Corp.	7213913093	Granted	1/11/2019	Japan	9.9	YES	ALLOY STEEL	2019	179.8
35613	O&k American Corp.	7213913093	Granted	1/11/2019	Japan	9.9	YES	ALLOY STEEL	2019	179.8
35622	O&k American Corp.	7213990060	Granted	1/11/2019	Japan	20.6	NO	ALLOY STEEL	2019	408.9
35629	O&k American Corp.	7213990030	Granted	1/11/2019	Japan	15.6	YES	CARBON CHQ	2019	81.7
35632	O&k American Corp.	7213990030	Granted	10/31/2019	Japan	15.6	YES	CARBON CHQ	2019	81.7
35634	O&k American Corp.	7213990030	Granted	1/11/2019	Japan	15.1	YES	CARBON CHQ	2019	81.8
35635	O&k American Corp.	7213990030	Granted	1/11/2019	Japan	15.1	YES	CARBON CHQ	2019	81.8
35638	O&k American Corp.	7213990060	Granted	1/11/2019	Japan	29.5	NO	CARBON CHQ	2019	42.4
35643	O&k American Corp.	7213990060	Granted	1/11/2019	Japan	23.6	NO	CARBON CHQ	2019	893.0
35646	O&k American Corp.	7213913093	Granted	1/11/2019	Japan	12.6	YES	CARBON CHQ	2019	1,090.9
35650	O&k American Corp.	7213913093	Granted	1/11/2019	Japan	13.1	YES	CARBON CHQ	2019	961.5
35653	O&k American Corp.	7213990030	Granted	1/11/2019	Japan	16.6	YES	CARBON CHQ	2019	369.9
35655	O&k American Corp.	7213990060	Granted	1/11/2019	Japan	19	NO	CARBON CHQ	2019	785.1
36302	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	4/11/2019	Japan	12.3	YES	ALLOY STEEL	2019	300.0
36303	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	4/11/2019	Japan	11.8	YES	ALLOY STEEL	2019	108.0
36512	The Lincoln Electric Company	7213913020	Granted	11/21/2019	Canada	5.5	YES	CARBON BOF	2019	500.0
36631	Cold Heading Company	7213913015	Granted	11/27/2019	Canada	13	YES	CARBON CHQ (MEXICO CAN MAKE)	2019	20.0
36633	Cold Heading Company	7213913015	Granted	5/11/2019	Canada	13	YES	CARBON CHQ (MEXICO CAN MAKE)	2019	10.0
37128	Nippon Steel Cold Heading Wire Indiana Inc.	7213990030	Granted	6/11/2019	Japan	16.1	YES	CARBON CHQ	2019	324.0
37133	Nippon Steel Cold Heading Wire Indiana Inc.	7213990060	Granted	7/11/2019	Japan	19.8	NO	CARBON CHQ	2019	324.0
37134	Nippon Steel Cold Heading Wire Indiana Inc.	7213990060	Granted	7/11/2019	Japan	20.3	NO	CARBON CHQ	2019	324.0
37135	Nippon Steel Cold Heading Wire Indiana Inc.	7213990060	Granted	6/11/2019	Japan	23.8	NO	CARBON CHQ	2019	324.0
37136	Nippon Steel Cold Heading Wire Indiana Inc.	7213990060	Granted	7/11/2019	Japan	29.8	NO	CARBON CHQ	2019	324.0
37137	Nippon Steel Cold Heading Wire Indiana Inc.	7213990030	Granted	7/11/2019	Japan	17.6	YES	CARBON CHQ	2019	324.0
37138	Nippon Steel Cold Heading Wire Indiana Inc.	7213990060	Granted	7/11/2019	Japan	20.3	NO	ALLOY STEEL	2019	324.0
37139	Nippon Steel Cold Heading Wire Indiana Inc.	7213990060	Granted	6/11/2019	Japan	29.5	NO	ALLOY STEEL	2019	324.0

37140	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	6/11/2019	Japan	11.8	YES	CARBON CHQ	2019	300.0
37141	Nippon Steel Cold Heading Wire Indiana Inc.	7213990030	Granted	11/19/2019	Japan	16.8	YES	CARBON CHQ	2019	300.0
37142	Nippon Steel Cold Heading Wire Indiana Inc.	7213990030	Granted	6/11/2019	Japan	15.2	YES	ALLOY STEEL	2019	360.0
37341	Cold Heading Company	7213913015	Granted	8/11/2019	Canada	10	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	129.7
37356	Cold Heading Company	7213913015	Granted	12/11/2019	Canada	9	YES	CARBON CHQ (MEXICO CAN MAKE)	2019	134.7
37646	Cold Heading Company	7213913015	Granted	8/11/2019	Canada	9	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	29.9
37659	Cold Heading Company	7213913015	Granted	8/11/2019	Canada	7	YES	CARBON CHQ (MEXICO CAN MAKE)	2019	10.0
37675	Cold Heading Company	7213913015	Granted	8/11/2019	Canada	10	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	20.0
37686	Cold Heading Company	7213913015	Granted	8/11/2019	Canada	12	YES	CARBON CHQ (MEXICO CAN MAKE)	2019	64.9
37966	Grand Blanc Processing, L.L.C.	7213990060	Granted	12/11/2019	Germany	45.5	NO	ALLOY STEEL	2019	14,400.0
37990	Grand Blanc Processing, L.L.C.	7213990060	Granted	12/11/2019	Germany	45.5	NO	ALLOY STEEL	2019	14,000.0
37991	Grand Blanc Processing L.L.C.	7213990060	Granted	12/11/2019	Germany	45.5	NO	ALLOY STEEL	2019	14,000.0
38040	Cold Heading Company	7213990030	Granted	12/11/2019	Canada	16	YES	ALLOY STEEL (MEXICO CAN MAKE)	2019	3,258.2
38075	Cold Heading Company	7213913015	Granted	12/11/2019	Canada	11	YES	ALLOY STEEL (MEXICO CAN MAKE)	2019	464.0
38092	Cold Heading Company	7213913015	Granted	12/11/2019	Canada	10	YES	ALLOY STEEL (MEXICO CAN MAKE)	2019	2,264.9
38111	Cold Heading Company	7213990030	Granted	12/11/2019	Canada	14	YES	ALLOY STEEL (MEXICO CAN MAKE)	2019	510.4
38136	Cold Heading Company	7213913015	Granted	12/11/2019	Canada	12	YES	ALLOY STEEL (MEXICO CAN MAKE)	2019	29.9
38140	Cold Heading Company	7213913015	Granted	12/11/2019	Canada	13	YES	ALLOY STEEL (MEXICO CAN MAKE)	2019	553.8
38196	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	12/11/2019	Japan	6.6	YES	ALLOY STEEL	2019	324.0
38199	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	12/11/2019	Japan	8.6	YES	ALLOY STEEL	2019	324.0
38437	Cold Heading Company	7213913015	Granted	12/11/2019	Canada	7	YES	ALLOY STEEL (MEXICO CAN MAKE)	2019	29.9
38472	Cold Heading Company	7213913015	Granted	11/13/2019	Canada	8	YES	ALLOY STEEL (MEXICO CAN MAKE)	2019	635.7
38489	Cold Heading Company	7213913015	Granted	12/11/2019	Canada	9	YES	ALLOY STEEL (MEXICO CAN MAKE)	2019	613.7
38500	Cold Heading Company	7213913015	Granted	11/13/2019	Canada	10	YES	ALLOY STEEL (MEXICO CAN MAKE)	2019	414.1
38520	Cold Heading Company	7213913015	Granted	11/13/2019	Canada	11	YES	ALLOY STEEL (MEXICO CAN MAKE)	2019	946.0
38533	Cold Heading Company	7213913015	Granted	12/11/2019	Canada	12	YES	ALLOY STEEL (MEXICO CAN MAKE)	2019	7,003.3
38544	Cold Heading Company	7213913015	Granted	11/13/2019	Canada	13	YES	ALLOY STEEL (MEXICO CAN MAKE)	2019	1,432.0
38554	Cold Heading Company	7213990030	Granted	12/11/2019	Canada	16	YES	ALLOY STEEL (MEXICO CAN MAKE)	2019	294.4
38585	Cold Heading Company	7213990030	Granted	12/11/2019	Canada	16	YES	ALLOY STEEL (MEXICO CAN MAKE)	2019	2,305.2
38594	Cold Heading Company	7213913015	Granted	11/13/2019	Canada	11	YES	ALLOY STEEL (MEXICO CAN MAKE)	2019	285.4
38602	Cold Heading Company	7213990030	Granted	12/11/2019	Canada	14	YES	ALLOY STEEL (MEXICO CAN MAKE)	2019	332.9
38607	Cold Heading Company	7213913015	Granted	12/11/2019	Canada	10	YES	ALLOY STEEL (MEXICO CAN MAKE)	2019	1,212.5
38612	Cold Heading Company	7213913015	Granted	12/11/2019	Canada	13	YES	ALLOY STEEL (MEXICO CAN MAKE)	2019	291.2
38661	Nippon Steel Cold Heading Wire Indiana Inc.	7213990060	Granted	12/11/2019	Japan	27.8	NO	ALLOY STEEL	2019	432.0
38664	Nippon Steel Cold Heading Wire Indiana Inc.	7213990060	Granted	11/13/2019	Japan	26.1	NO	ALLOY STEEL	2019	144.0
38674	Nippon Steel Cold Heading Wire Indiana Inc.	7213990060	Granted	12/11/2019	Japan	32.3	NO	ALLOY STEEL	2019	160.0
38675	Nippon Steel Cold Heading Wire Indiana Inc.	7213990060	Granted	12/11/2019	Japan	23.6	NO	ALLOY STEEL	2019	35.0
38678	Nippon Steel Cold Heading Wire Indiana Inc.	7213990060	Granted	11/13/2019	Japan	23.6	NO	ALLOY STEEL	2019	119.0

38679	Nippon Steel Cold Heading Wire Indiana Inc.	7213990060	Granted	12/11/2019	Japan	31.6	NO	ALLOY STEEL	2019	290.0
38822	Cold Heading Company	7213913015	Granted	11/14/2019	Canada	7	YES	ALLOY STEEL (MEXICO CAN MAKE)	2019	20.0
38823	Cold Heading Company	7213913015	Granted	11/14/2019	Canada	7	YES	ALLOY STEEL (MEXICO CAN MAKE)	2019	20.0
38837	Cold Heading Company	7213913015	Granted	11/14/2019	Canada	8	YES	ALLOY STEEL (MEXICO CAN MAKE)	2019	411.1
38866	Cold Heading Company	7213913015	Granted	11/14/2019	Canada	9	YES	ALLOY STEEL (MEXICO CAN MAKE)	2019	464.0
38884	Cold Heading Company	7213913015	Granted	11/14/2019	Canada	11	YES	ALLOY STEEL (MEXICO CAN MAKE)	2019	554.8
38900	Cold Heading Company	7213913015	Granted	11/14/2019	Canada	12	YES	ALLOY STEEL (MEXICO CAN MAKE)	2019	3,063.6
38908	Cold Heading Company	7213913015	Granted	11/14/2019	Canada	13	YES	ALLOY STEEL (MEXICO CAN MAKE)	2019	1,042.8
38919	Cold Heading Company	7213990030	Granted	11/14/2019	Canada	14	YES	ALLOY STEEL (MEXICO CAN MAKE)	2019	319.3
72691	Erasteel Inc	7227100000	Granted	3/24/2020	Sweden	13.35	NO	TOOL STEEL	2020	5.3
72691	Erasteel Inc	7227100000	Granted	3/24/2020	Sweden	13.35	NO	TOOL STEEL	2020	5.3
72691	Erasteel Inc	7227100000	Granted	3/24/2020	France	13.35	NO	TOOL STEEL	2020	5.3
72691	Erasteel Inc	7227100000	Granted	3/24/2020	France	13.35	NO	TOOL STEEL	2020	5.3
72691	Erasteel Inc	7227100000	Granted	3/24/2020	France	13.35	NO	TOOL STEEL	2020	5.3
72691	Erasteel Inc	7227100000	Granted	3/24/2020	France	13.35	NO	TOOL STEEL	2020	5.3
72692	Erasteel Inc	7227100000	Granted	3/25/2020	Sweden	13.85	NO	TOOL STEEL	2020	20.8
72692	Erasteel Inc	7227100000	Granted	3/25/2020	Sweden	13.85	NO	TOOL STEEL	2020	20.8
72692	Erasteel Inc	7227100000	Granted	3/25/2020	France	13.85	NO	TOOL STEEL	2020	20.8
72692	Erasteel Inc	7227100000	Granted	3/25/2020	France	13.85	NO	TOOL STEEL	2020	20.8
72692	Erasteel Inc	7227100000	Granted	3/25/2020	France	13.85	NO	TOOL STEEL	2020	20.8
72692	Erasteel Inc	7227100000	Granted	3/25/2020	France	13.85	NO	TOOL STEEL	2020	20.8
72693	Erasteel Inc	7227100000	Granted	3/23/2020	Sweden	15.35	NO	TOOL STEEL	2020	11.4
72693	Erasteel Inc	7227100000	Granted	3/23/2020	Sweden	15.35	NO	TOOL STEEL	2020	11.4
72693	Erasteel Inc	7227100000	Granted	3/23/2020	France	15.35	NO	TOOL STEEL	2020	11.4
72693	Erasteel Inc	7227100000	Granted	3/23/2020	France	15.35	NO	TOOL STEEL	2020	11.4
72693	Erasteel Inc	7227100000	Granted	3/23/2020	France	15.35	NO	TOOL STEEL	2020	11.4
72693	Erasteel Inc	7227100000	Granted	3/23/2020	France	15.35	NO	TOOL STEEL	2020	11.4
72695	Erasteel Inc	7227100000	Granted	3/23/2020	Sweden	15.85	NO	TOOL STEEL	2020	2.9
72695	Erasteel Inc	7227100000	Granted	3/23/2020	Sweden	15.85	NO	TOOL STEEL	2020	2.9
72695	Erasteel Inc	7227100000	Granted	3/23/2020	France	15.85	NO	TOOL STEEL	2020	2.9
72695	Erasteel Inc	7227100000	Granted	3/23/2020	France	15.85	NO	TOOL STEEL	2020	2.9
72695	Erasteel Inc	7227100000	Granted	3/23/2020	France	15.85	NO	TOOL STEEL	2020	2.9
72695	Erasteel Inc	7227100000	Granted	3/23/2020	France	15.85	NO	TOOL STEEL	2020	2.9
72697	Erasteel Inc	7227100000	Granted	3/24/2020	Sweden	16.35	NO	TOOL STEEL	2020	1.2
72697	Erasteel Inc	7227100000	Granted	3/24/2020	Sweden	16.35	NO	TOOL STEEL	2020	1.2
72697	Erasteel Inc	7227100000	Granted	3/24/2020	France	16.35	NO	TOOL STEEL	2020	1.2
72697	Erasteel Inc	7227100000	Granted	3/24/2020	France	16.35	NO	TOOL STEEL	2020	1.2
72697	Erasteel Inc	7227100000	Granted	3/24/2020	France	16.35	NO	TOOL STEEL	2020	1.2

72697	Erasteel Inc	7227100000	Granted	3/24/2020	France	16.35	NO	TOOL STEEL	2020	1.2
72698	Erasteel Inc	7227100000	Granted	3/24/2020	Sweden	16.85	NO	TOOL STEEL	2020	20.4
72698	Erasteel Inc	7227100000	Granted	3/24/2020	Sweden	16.85	NO	TOOL STEEL	2020	20.4
72698	Erasteel Inc	7227100000	Granted	3/24/2020	France	16.85	NO	TOOL STEEL	2020	20.4
72698	Erasteel Inc	7227100000	Granted	3/24/2020	France	16.85	NO	TOOL STEEL	2020	20.4
72698	Erasteel Inc	7227100000	Granted	3/24/2020	France	16.85	NO	TOOL STEEL	2020	20.4
72698	Erasteel Inc	7227100000	Granted	3/24/2020	France	16.85	NO	TOOL STEEL	2020	20.4
72699	Erasteel Inc	7227100000	Granted	3/24/2020	Sweden	18.65	NO	TOOL STEEL	2020	4.5
72699	Erasteel Inc	7227100000	Granted	3/24/2020	Sweden	18.65	NO	TOOL STEEL	2020	4.5
72699	Erasteel Inc	7227100000	Granted	3/24/2020	France	18.65	NO	TOOL STEEL	2020	4.5
72699	Erasteel Inc	7227100000	Granted	3/24/2020	France	18.65	NO	TOOL STEEL	2020	4.5
72699	Erasteel Inc	7227100000	Granted	3/24/2020	France	18.65	NO	TOOL STEEL	2020	4.5
72699	Erasteel Inc	7227100000	Granted	3/24/2020	France	18.65	NO	TOOL STEEL	2020	4.5
72701	Erasteel Inc	7227100000	Granted	3/25/2020	Sweden	21.05	NO	TOOL STEEL	2020	2.0
72701	Erasteel Inc	7227100000	Granted	3/25/2020	Sweden	21.05	NO	TOOL STEEL	2020	2.0
72701	Erasteel Inc	7227100000	Granted	3/25/2020	France	21.05	NO	TOOL STEEL	2020	2.0
72701	Erasteel Inc	7227100000	Granted	3/25/2020	France	21.05	NO	TOOL STEEL	2020	2.0
72701	Erasteel Inc	7227100000	Granted	3/25/2020	France	21.05	NO	TOOL STEEL	2020	2.0
72701	Erasteel Inc	7227100000	Granted	3/25/2020	France	21.05	NO	TOOL STEEL	2020	2.0
72703	Erasteel Inc	7227100000	Granted	3/24/2020	Sweden	7.35	NO	TOOL STEEL	2020	7.1
72703	Erasteel Inc	7227100000	Granted	3/24/2020	Sweden	7.35	NO	TOOL STEEL	2020	7.1
72703	Erasteel Inc	7227100000	Granted	3/24/2020	France	7.35	NO	TOOL STEEL	2020	7.1
72703	Erasteel Inc	7227100000	Granted	3/24/2020	France	7.35	NO	TOOL STEEL	2020	7.1
72703	Erasteel Inc	7227100000	Granted	3/24/2020	France	7.35	NO	TOOL STEEL	2020	7.1
72703	Erasteel Inc	7227100000	Granted	3/24/2020	France	7.35	NO	TOOL STEEL	2020	7.1
72705	Erasteel Inc	7227100000	Granted	3/25/2020	Sweden	10.35	NO	TOOL STEEL	2020	10.3
72705	Erasteel Inc	7227100000	Granted	3/25/2020	Sweden	10.35	NO	TOOL STEEL	2020	10.3
72705	Erasteel Inc	7227100000	Granted	3/25/2020	Sweden	10.35	NO	TOOL STEEL	2020	10.3
72705	Erasteel Inc	7227100000	Granted	3/25/2020	Sweden	10.35	NO	TOOL STEEL	2020	10.3
72705	Erasteel Inc	7227100000	Granted	3/25/2020	Sweden	10.35	NO	TOOL STEEL	2020	10.3
72705	Erasteel Inc	7227100000	Granted	3/25/2020	Sweden	10.35	NO	TOOL STEEL	2020	10.3
72706	Erasteel Inc	7227100000	Granted	3/25/2020	Sweden	11.35	NO	TOOL STEEL	2020	1.2
72706	Erasteel Inc	7227100000	Granted	3/25/2020	Sweden	11.35	NO	TOOL STEEL	2020	1.2
72706	Erasteel Inc	7227100000	Granted	3/25/2020	Sweden	11.35	NO	TOOL STEEL	2020	1.2
72706	Erasteel Inc	7227100000	Granted	3/25/2020	Sweden	11.35	NO	TOOL STEEL	2020	1.2
72706	Erasteel Inc	7227100000	Granted	3/25/2020	Sweden	11.35	NO	TOOL STEEL	2020	1.2
72706	Erasteel Inc	7227100000	Granted	3/25/2020	Sweden	11.35	NO	TOOL STEEL	2020	1.2
72707	Erasteel Inc	7227100000	Granted	3/24/2020	Sweden	11.85	NO	TOOL STEEL	2020	5.6

72707	Erasteel Inc	7227100000	Granted	3/24/2020	Sweden	11.85	NO	TOOL STEEL	2020	5.6
72707	Erasteel Inc	7227100000	Granted	3/24/2020	France	11.85	NO	TOOL STEEL	2020	5.6
72707	Erasteel Inc	7227100000	Granted	3/24/2020	France	11.85	NO	TOOL STEEL	2020	5.6
72707	Erasteel Inc	7227100000	Granted	3/24/2020	France	11.85	NO	TOOL STEEL	2020	5.6
72707	Erasteel Inc	7227100000	Granted	3/24/2020	France	11.85	NO	TOOL STEEL	2020	5.6
72709	Erasteel Inc	7227100000	Granted	3/23/2020	Sweden	12.35	NO	TOOL STEEL	2020	8.3
72709	Erasteel Inc	7227100000	Granted	3/23/2020	Sweden	12.35	NO	TOOL STEEL	2020	8.3
72709	Erasteel Inc	7227100000	Granted	3/23/2020	France	12.35	NO	TOOL STEEL	2020	8.3
72709	Erasteel Inc	7227100000	Granted	3/23/2020	France	12.35	NO	TOOL STEEL	2020	8.3
72709	Erasteel Inc	7227100000	Granted	3/23/2020	France	12.35	NO	TOOL STEEL	2020	8.3
72709	Erasteel Inc	7227100000	Granted	3/23/2020	France	12.35	NO	TOOL STEEL	2020	8.3
72711	Erasteel Inc	7227100000	Granted	3/23/2020	Sweden	12.85	NO	TOOL STEEL	2020	2.0
72711	Erasteel Inc	7227100000	Granted	3/23/2020	Sweden	12.85	NO	TOOL STEEL	2020	2.0
72711	Erasteel Inc	7227100000	Granted	3/23/2020	France	12.85	NO	TOOL STEEL	2020	2.0
72711	Erasteel Inc	7227100000	Granted	3/23/2020	France	12.85	NO	TOOL STEEL	2020	2.0
72711	Erasteel Inc	7227100000	Granted	3/23/2020	France	12.85	NO	TOOL STEEL	2020	2.0
72711	Erasteel Inc	7227100000	Granted	3/23/2020	France	12.85	NO	TOOL STEEL	2020	2.0
72712	Erasteel Inc	7227100000	Granted	3/25/2020	Sweden	13.35	NO	TOOL STEEL	2020	5.6
72712	Erasteel Inc	7227100000	Granted	3/25/2020	Sweden	13.35	NO	TOOL STEEL	2020	5.6
72712	Erasteel Inc	7227100000	Granted	3/25/2020	France	13.35	NO	TOOL STEEL	2020	5.6
72712	Erasteel Inc	7227100000	Granted	3/25/2020	France	13.35	NO	TOOL STEEL	2020	5.6
72712	Erasteel Inc	7227100000	Granted	3/25/2020	France	13.35	NO	TOOL STEEL	2020	5.6
72712	Erasteel Inc	7227100000	Granted	3/25/2020	France	13.35	NO	TOOL STEEL	2020	5.6
72714	Erasteel Inc	7227100000	Granted	3/25/2020	Sweden	13.85	NO	TOOL STEEL	2020	74.5
72714	Erasteel Inc	7227100000	Granted	3/25/2020	Sweden	13.85	NO	TOOL STEEL	2020	74.5
72714	Erasteel Inc	7227100000	Granted	3/25/2020	France	13.85	NO	TOOL STEEL	2020	74.5
72714	Erasteel Inc	7227100000	Granted	3/25/2020	France	13.85	NO	TOOL STEEL	2020	74.5
72714	Erasteel Inc	7227100000	Granted	3/25/2020	France	13.85	NO	TOOL STEEL	2020	74.5
72714	Erasteel Inc	7227100000	Granted	3/25/2020	France	13.85	NO	TOOL STEEL	2020	74.5
72717	Erasteel Inc	7227100000	Granted	3/24/2020	Sweden	14.35	NO	TOOL STEEL	2020	2.4
72717	Erasteel Inc	7227100000	Granted	3/24/2020	Sweden	14.35	NO	TOOL STEEL	2020	2.4
72717	Erasteel Inc	7227100000	Granted	3/24/2020	France	14.35	NO	TOOL STEEL	2020	2.4
72717	Erasteel Inc	7227100000	Granted	3/24/2020	France	14.35	NO	TOOL STEEL	2020	2.4
72717	Erasteel Inc	7227100000	Granted	3/24/2020	France	14.35	NO	TOOL STEEL	2020	2.4
72717	Erasteel Inc	7227100000	Granted	3/24/2020	France	14.35	NO	TOOL STEEL	2020	2.4
72718	Erasteel Inc	7227100000	Granted	3/24/2020	Sweden	15.35	NO	TOOL STEEL	2020	6.3
72718	Erasteel Inc	7227100000	Granted	3/24/2020	Sweden	15.35	NO	TOOL STEEL	2020	6.3
72718	Erasteel Inc	7227100000	Granted	3/24/2020	France	15.35	NO	TOOL STEEL	2020	6.3
72718	Erasteel Inc	7227100000	Granted	3/24/2020	France	15.35	NO	TOOL STEEL	2020	6.3

72718	Erasteel Inc	7227100000	Granted	3/24/2020	France	15.35	NO	TOOL STEEL	2020	6.3
72718	Erasteel Inc	7227100000	Granted	3/24/2020	France	15.35	NO	TOOL STEEL	2020	6.3
72719	Erasteel Inc	7227100000	Granted	3/24/2020	Sweden	16.35	NO	TOOL STEEL	2020	1.2
72719	Erasteel Inc	7227100000	Granted	3/24/2020	Sweden	16.35	NO	TOOL STEEL	2020	1.2
72719	Erasteel Inc	7227100000	Granted	3/24/2020	France	16.35	NO	TOOL STEEL	2020	1.2
72719	Erasteel Inc	7227100000	Granted	3/24/2020	France	16.35	NO	TOOL STEEL	2020	1.2
72719	Erasteel Inc	7227100000	Granted	3/24/2020	France	16.35	NO	TOOL STEEL	2020	1.2
72719	Erasteel Inc	7227100000	Granted	3/24/2020	France	16.35	NO	TOOL STEEL	2020	1.2
72720	Erasteel Inc	7227100000	Granted	3/23/2020	Sweden	17.85	NO	TOOL STEEL	2020	1.2
72720	Erasteel Inc	7227100000	Granted	3/23/2020	Sweden	17.85	NO	TOOL STEEL	2020	1.2
72720	Erasteel Inc	7227100000	Granted	3/23/2020	France	17.85	NO	TOOL STEEL	2020	1.2
72720	Erasteel Inc	7227100000	Granted	3/23/2020	France	17.85	NO	TOOL STEEL	2020	1.2
72720	Erasteel Inc	7227100000	Granted	3/23/2020	France	17.85	NO	TOOL STEEL	2020	1.2
72720	Erasteel Inc	7227100000	Granted	3/23/2020	France	17.85	NO	TOOL STEEL	2020	1.2
72722	Erasteel Inc	7227100000	Granted	3/24/2020	Sweden	18.65	NO	TOOL STEEL	2020	5.6
72722	Erasteel Inc	7227100000	Granted	3/24/2020	Sweden	18.65	NO	TOOL STEEL	2020	5.6
72722	Erasteel Inc	7227100000	Granted	3/24/2020	France	18.65	NO	TOOL STEEL	2020	5.6
72722	Erasteel Inc	7227100000	Granted	3/24/2020	France	18.65	NO	TOOL STEEL	2020	5.6
72722	Erasteel Inc	7227100000	Granted	3/24/2020	France	18.65	NO	TOOL STEEL	2020	5.6
72722	Erasteel Inc	7227100000	Granted	3/24/2020	France	18.65	NO	TOOL STEEL	2020	5.6
72723	Erasteel Inc	7227100000	Granted	3/24/2020	Sweden	20.15	NO	TOOL STEEL	2020	9.1
72723	Erasteel Inc	7227100000	Granted	3/24/2020	Sweden	20.15	NO	TOOL STEEL	2020	9.1
72723	Erasteel Inc	7227100000	Granted	3/24/2020	France	20.15	NO	TOOL STEEL	2020	9.1
72723	Erasteel Inc	7227100000	Granted	3/24/2020	France	20.15	NO	TOOL STEEL	2020	9.1
72723	Erasteel Inc	7227100000	Granted	3/24/2020	France	20.15	NO	TOOL STEEL	2020	9.1
72723	Erasteel Inc	7227100000	Granted	3/24/2020	France	20.15	NO	TOOL STEEL	2020	9.1
72724	Erasteel Inc	7227100000	Granted	3/25/2020	Sweden	21.05	NO	TOOL STEEL	2020	1.2
72724	Erasteel Inc	7227100000	Granted	3/25/2020	Sweden	21.05	NO	TOOL STEEL	2020	1.2
72724	Erasteel Inc	7227100000	Granted	3/25/2020	France	21.05	NO	TOOL STEEL	2020	1.2
72724	Erasteel Inc	7227100000	Granted	3/25/2020	France	21.05	NO	TOOL STEEL	2020	1.2
72724	Erasteel Inc	7227100000	Granted	3/25/2020	France	21.05	NO	TOOL STEEL	2020	1.2
72724	Erasteel Inc	7227100000	Granted	3/25/2020	France	21.05	NO	TOOL STEEL	2020	1.2
72725	Erasteel Inc	7227100000	Granted	3/23/2020	Sweden	6.35	NO	TOOL STEEL	2020	4.8
72725	Erasteel Inc	7227100000	Granted	3/23/2020	Sweden	6.35	NO	TOOL STEEL	2020	4.8
72725	Erasteel Inc	7227100000	Granted	3/23/2020	France	6.35	NO	TOOL STEEL	2020	4.8
72725	Erasteel Inc	7227100000	Granted	3/23/2020	France	6.35	NO	TOOL STEEL	2020	4.8
72725	Erasteel Inc	7227100000	Granted	3/23/2020	France	6.35	NO	TOOL STEEL	2020	4.8
72725	Erasteel Inc	7227100000	Granted	3/23/2020	France	6.35	NO	TOOL STEEL	2020	4.8

72726	Erasteel Inc	7227100000	Granted	3/25/2020	Sweden	7.35	NO	TOOL STEEL	2020	4.4
72726	Erasteel Inc	7227100000	Granted	3/25/2020	Sweden	7.35	NO	TOOL STEEL	2020	4.4
72726	Erasteel Inc	7227100000	Granted	3/25/2020	France	7.35	NO	TOOL STEEL	2020	4.4
72726	Erasteel Inc	7227100000	Granted	3/25/2020	France	7.35	NO	TOOL STEEL	2020	4.4
72726	Erasteel Inc	7227100000	Granted	3/25/2020	France	7.35	NO	TOOL STEEL	2020	4.4
72726	Erasteel Inc	7227100000	Granted	3/25/2020	France	7.35	NO	TOOL STEEL	2020	4.4
72727	Erasteel Inc	7227100000	Granted	3/23/2020	Sweden	7.85	NO	TOOL STEEL	2020	7.9
72727	Erasteel Inc	7227100000	Granted	3/23/2020	Sweden	7.85	NO	TOOL STEEL	2020	7.9
72727	Erasteel Inc	7227100000	Granted	3/23/2020	France	7.85	NO	TOOL STEEL	2020	7.9
72727	Erasteel Inc	7227100000	Granted	3/23/2020	France	7.85	NO	TOOL STEEL	2020	7.9
72727	Erasteel Inc	7227100000	Granted	3/23/2020	France	7.85	NO	TOOL STEEL	2020	7.9
72727	Erasteel Inc	7227100000	Granted	3/23/2020	France	7.85	NO	TOOL STEEL	2020	7.9
72729	Erasteel Inc	7227100000	Granted	3/25/2020	Sweden	10.35	NO	TOOL STEEL	2020	3.6
72729	Erasteel Inc	7227100000	Granted	3/25/2020	Sweden	10.35	NO	TOOL STEEL	2020	3.6
72729	Erasteel Inc	7227100000	Granted	3/25/2020	France	10.35	NO	TOOL STEEL	2020	3.6
72729	Erasteel Inc	7227100000	Granted	3/25/2020	France	10.35	NO	TOOL STEEL	2020	3.6
72729	Erasteel Inc	7227100000	Granted	3/25/2020	France	10.35	NO	TOOL STEEL	2020	3.6
72729	Erasteel Inc	7227100000	Granted	3/25/2020	France	10.35	NO	TOOL STEEL	2020	3.6
72730	Erasteel Inc	7227100000	Granted	3/24/2020	Sweden	13.85	NO	TOOL STEEL	2020	1.2
72730	Erasteel Inc	7227100000	Granted	3/24/2020	Sweden	13.85	NO	TOOL STEEL	2020	1.2
72730	Erasteel Inc	7227100000	Granted	3/24/2020	France	13.85	NO	TOOL STEEL	2020	1.2
72730	Erasteel Inc	7227100000	Granted	3/24/2020	France	13.85	NO	TOOL STEEL	2020	1.2
72730	Erasteel Inc	7227100000	Granted	3/24/2020	France	13.85	NO	TOOL STEEL	2020	1.2
72730	Erasteel Inc	7227100000	Granted	3/24/2020	France	13.85	NO	TOOL STEEL	2020	1.2
72731	Erasteel Inc	7227100000	Granted	3/25/2020	Sweden	15.35	NO	TOOL STEEL	2020	2.4
72731	Erasteel Inc	7227100000	Granted	3/25/2020	Sweden	15.35	NO	TOOL STEEL	2020	2.4
72731	Erasteel Inc	7227100000	Granted	3/25/2020	Sweden	15.35	NO	TOOL STEEL	2020	2.4
72731	Erasteel Inc	7227100000	Granted	3/25/2020	Sweden	15.35	NO	TOOL STEEL	2020	2.4
72731	Erasteel Inc	7227100000	Granted	3/25/2020	Sweden	15.35	NO	TOOL STEEL	2020	2.4
72731	Erasteel Inc	7227100000	Granted	3/25/2020	Sweden	15.35	NO	TOOL STEEL	2020	2.4
72732	Erasteel Inc	7227100000	Granted	3/24/2020	Sweden	17.85	NO	TOOL STEEL	2020	1.2
72732	Erasteel Inc	7227100000	Granted	3/24/2020	Sweden	17.85	NO	TOOL STEEL	2020	1.2
72732	Erasteel Inc	7227100000	Granted	3/24/2020	France	17.85	NO	TOOL STEEL	2020	1.2
72732	Erasteel Inc	7227100000	Granted	3/24/2020	France	17.85	NO	TOOL STEEL	2020	1.2
72732	Erasteel Inc	7227100000	Granted	3/24/2020	France	17.85	NO	TOOL STEEL	2020	1.2
72732	Erasteel Inc	7227100000	Granted	3/24/2020	France	17.85	NO	TOOL STEEL	2020	1.2
72734	Erasteel Inc	7227100000	Granted	3/24/2020	Sweden	18.65	NO	TOOL STEEL	2020	1.2
72734	Erasteel Inc	7227100000	Granted	3/24/2020	Sweden	18.65	NO	TOOL STEEL	2020	1.2

72734	Erasteel Inc	7227100000	Granted	3/24/2020	France	18.65	NO	TOOL STEEL	2020	1.2
72734	Erasteel Inc	7227100000	Granted	3/24/2020	France	18.65	NO	TOOL STEEL	2020	1.2
72734	Erasteel Inc	7227100000	Granted	3/24/2020	France	18.65	NO	TOOL STEEL	2020	1.2
72734	Erasteel Inc	7227100000	Granted	3/24/2020	France	18.65	NO	TOOL STEEL	2020	1.2
72735	Erasteel Inc	7227100000	Granted	3/24/2020	Sweden	21.05	NO	TOOL STEEL	2020	1.6
72735	Erasteel Inc	7227100000	Granted	3/24/2020	Sweden	21.05	NO	TOOL STEEL	2020	1.6
72735	Erasteel Inc	7227100000	Granted	3/24/2020	France	21.05	NO	TOOL STEEL	2020	1.6
72735	Erasteel Inc	7227100000	Granted	3/24/2020	France	21.05	NO	TOOL STEEL	2020	1.6
72735	Erasteel Inc	7227100000	Granted	3/24/2020	France	21.05	NO	TOOL STEEL	2020	1.6
72735	Erasteel Inc	7227100000	Granted	3/24/2020	France	21.05	NO	TOOL STEEL	2020	1.6
72736	Erasteel Inc	7227100000	Granted	3/23/2020	Sweden	6.85	NO	TOOL STEEL	2020	2.5
72736	Erasteel Inc	7227100000	Granted	3/23/2020	Sweden	6.85	NO	TOOL STEEL	2020	2.5
72736	Erasteel Inc	7227100000	Granted	3/23/2020	France	6.85	NO	TOOL STEEL	2020	2.5
72736	Erasteel Inc	7227100000	Granted	3/23/2020	France	6.85	NO	TOOL STEEL	2020	2.5
72736	Erasteel Inc	7227100000	Granted	3/23/2020	France	6.85	NO	TOOL STEEL	2020	2.5
72736	Erasteel Inc	7227100000	Granted	3/23/2020	France	6.85	NO	TOOL STEEL	2020	2.5
72737	Erasteel Inc	7227902060	Granted	3/24/2020	Sweden	11.35	NO	TOOL STEEL	2020	1.2
72737	Erasteel Inc	7227902060	Granted	3/24/2020	France	11.35	NO	TOOL STEEL	2020	1.2
72737	Erasteel Inc	7227902060	Granted	3/24/2020	France	11.35	NO	TOOL STEEL	2020	1.2
72737	Erasteel Inc	7227902060	Granted	3/24/2020	Sweden	11.35	NO	TOOL STEEL	2020	1.2
72737	Erasteel Inc	7227902060	Granted	3/24/2020	France	11.35	NO	TOOL STEEL	2020	1.2
72737	Erasteel Inc	7227902060	Granted	3/24/2020	Sweden	11.35	NO	TOOL STEEL	2020	1.2
72738	Erasteel Inc	7227902060	Granted	3/24/2020	Sweden	11.85	NO	TOOL STEEL	2020	3.1
72738	Erasteel Inc	7227902060	Granted	3/24/2020	Sweden	11.85	NO	TOOL STEEL	2020	3.1
72738	Erasteel Inc	7227902060	Granted	3/24/2020	France	11.85	NO	TOOL STEEL	2020	3.1
72738	Erasteel Inc	7227902060	Granted	3/24/2020	France	11.85	NO	TOOL STEEL	2020	3.1
72738	Erasteel Inc	7227902060	Granted	3/24/2020	France	11.85	NO	TOOL STEEL	2020	3.1
72738	Erasteel Inc	7227902060	Granted	3/24/2020	France	11.85	NO	TOOL STEEL	2020	3.1
72739	Erasteel Inc	7227902060	Granted	3/25/2020	Sweden	13.85	NO	TOOL STEEL	2020	3.1
72739	Erasteel Inc	7227902060	Granted	3/25/2020	Sweden	13.85	NO	TOOL STEEL	2020	3.1
72739	Erasteel Inc	7227902060	Granted	3/25/2020	France	13.85	NO	TOOL STEEL	2020	3.1
72739	Erasteel Inc	7227902060	Granted	3/25/2020	France	13.85	NO	TOOL STEEL	2020	3.1
72739	Erasteel Inc	7227902060	Granted	3/25/2020	France	13.85	NO	TOOL STEEL	2020	3.1
72739	Erasteel Inc	7227902060	Granted	3/25/2020	France	13.85	NO	TOOL STEEL	2020	3.1
72741	Erasteel Inc	7227902060	Granted	3/23/2020	Sweden	15.85	NO	TOOL STEEL	2020	1.2
72741	Erasteel Inc	7227902060	Granted	3/23/2020	Sweden	15.85	NO	TOOL STEEL	2020	1.2
72741	Erasteel Inc	7227902060	Granted	3/23/2020	France	15.85	NO	TOOL STEEL	2020	1.2
72741	Erasteel Inc	7227902060	Granted	3/23/2020	France	15.85	NO	TOOL STEEL	2020	1.2

72741	Erasteel Inc	7227902060	Granted	3/23/2020	France	15.85	NO	TOOL STEEL	2020	1.2
72741	Erasteel Inc	7227902060	Granted	3/23/2020	France	15.85	NO	TOOL STEEL	2020	1.2
72743	Erasteel Inc	7227902060	Granted	3/23/2020	Sweden	16.85	NO	TOOL STEEL	2020	1.9
72743	Erasteel Inc	7227902060	Granted	3/23/2020	France	16.85	NO	TOOL STEEL	2020	1.9
72743	Erasteel Inc	7227902060	Granted	3/23/2020	France	16.85	NO	TOOL STEEL	2020	1.9
72743	Erasteel Inc	7227902060	Granted	3/23/2020	Sweden	16.85	NO	TOOL STEEL	2020	1.9
72743	Erasteel Inc	7227902060	Granted	3/23/2020	France	16.85	NO	TOOL STEEL	2020	1.9
72743	Erasteel Inc	7227902060	Granted	3/23/2020	Sweden	16.85	NO	TOOL STEEL	2020	1.9
72745	Erasteel Inc	7227902060	Granted	3/25/2020	Sweden	20.15	NO	TOOL STEEL	2020	5.8
72745	Erasteel Inc	7227902060	Granted	3/25/2020	Sweden	20.15	NO	TOOL STEEL	2020	5.8
72745	Erasteel Inc	7227902060	Granted	3/25/2020	France	20.15	NO	TOOL STEEL	2020	5.8
72745	Erasteel Inc	7227902060	Granted	3/25/2020	France	20.15	NO	TOOL STEEL	2020	5.8
72745	Erasteel Inc	7227902060	Granted	3/25/2020	France	20.15	NO	TOOL STEEL	2020	5.8
72745	Erasteel Inc	7227902060	Granted	3/25/2020	France	20.15	NO	TOOL STEEL	2020	5.8
72748	Erasteel Inc	7227902060	Granted	3/25/2020	Sweden	21.05	NO	TOOL STEEL	2020	1.2
72748	Erasteel Inc	7227902060	Granted	3/25/2020	Sweden	21.05	NO	TOOL STEEL	2020	1.2
72748	Erasteel Inc	7227902060	Granted	3/25/2020	France	21.05	NO	TOOL STEEL	2020	1.2
72748	Erasteel Inc	7227902060	Granted	3/25/2020	France	21.05	NO	TOOL STEEL	2020	1.2
72748	Erasteel Inc	7227902060	Granted	3/25/2020	France	21.05	NO	TOOL STEEL	2020	1.2
72748	Erasteel Inc	7227902060	Granted	3/25/2020	France	21.05	NO	TOOL STEEL	2020	1.2
72749	Erasteel Inc	7227902060	Granted	3/24/2020	Sweden	13.85	NO	TOOL STEEL	2020	1.9
72749	Erasteel Inc	7227902060	Granted	3/24/2020	Sweden	13.85	NO	TOOL STEEL	2020	1.9
72749	Erasteel Inc	7227902060	Granted	3/24/2020	France	13.85	NO	TOOL STEEL	2020	1.9
72749	Erasteel Inc	7227902060	Granted	3/24/2020	France	13.85	NO	TOOL STEEL	2020	1.9
72749	Erasteel Inc	7227902060	Granted	3/24/2020	France	13.85	NO	TOOL STEEL	2020	1.9
72749	Erasteel Inc	7227902060	Granted	3/24/2020	France	13.85	NO	TOOL STEEL	2020	1.9
73450	Nippon Steel Trading Americas, Inc.	7227906030	Granted	3/23/2020	Japan	6.8	YES	ALLOY STEEL	2020	1,500.0
73473	TN Americas Holding, Inc. (TN Georgia, Inc.)	7227902030	Granted	3/23/2020	Japan	5.2	NO	BALL BEARING STEEL	2020	34.0
73480	TN Americas Holding, Inc. (TN Georgia, Inc.)	7227902030	Granted	3/24/2020	Japan	5.7	NO	BALL BEARING STEEL	2020	34.0
73488	TN Americas Holding, Inc. (TN Georgia, Inc.)	7227902030	Granted	3/24/2020	Japan	6.7	NO	BALL BEARING STEEL	2020	34.0
73496	TN Americas Holding, Inc. (TN Georgia, Inc.)	7227902030	Granted	3/24/2020	Japan	6.9	NO	BALL BEARING STEEL	2020	510.3
73518	TN Americas Holding, Inc. (TN Georgia, Inc.)	7227902030	Granted	3/24/2020	Japan	7.9	NO	BALL BEARING STEEL	2020	340.2
73526	TN Americas Holding, Inc. (TN Georgia, Inc.)	7227902030	Granted	3/23/2020	Japan	8.7	NO	BALL BEARING STEEL	2020	340.2
73537	TN Americas Holding, Inc. (TN Georgia, Inc.)	7227902030	Granted	3/24/2020	Japan	9	NO	BALL BEARING STEEL	2020	170.1
73548	TN Americas Holding, Inc. (TN Georgia, Inc.)	7227902030	Granted	3/23/2020	Japan	9.7	NO	BALL BEARING STEEL	2020	272.2
73552	TN Americas Holding, Inc. (TN Georgia, Inc.)	7227902030	Granted	3/24/2020	Japan	10.7	NO	BALL BEARING STEEL	2020	1,020.6
73561	TN Americas Holding, Inc. (TN Georgia, Inc.)	7227902030	Granted	3/24/2020	Japan	11.7	NO	BALL BEARING STEEL	2020	680.4
73571	TN Americas Holding, Inc. (TN Georgia, Inc.)	7227902030	Granted	3/24/2020	Japan	12.7	NO	BALL BEARING STEEL	2020	510.3

73578	TN Americas Holding, Inc. (TN Georgia, Inc.)	7227902030	Granted	3/23/2020	Japan	13.7	NO	BALL BEARING STEEL	2020	816.5
73638	O&k American Corp.	7227906030	Granted	3/23/2020	Japan	5.2	YES	ALLOY STEEL	2020	893.8
73639	O&k American Corp.	7227906030	Granted	3/23/2020	Japan	5.2	YES	ALLOY STEEL	2020	893.8
73675	O&k American Corp.	7227906040	Granted	3/24/2020	Japan	20.8	NO	MICRO ALLOY (DEACERO CAN MAKE)	2020	42.4
73676	O&k American Corp.	7227906040	Granted	3/23/2020	Japan	25.77	NO	MICRO ALLOY (DEACERO CAN MAKE)	2020	1,662.6
73677	O&k American Corp.	7227906030	Granted	3/23/2020	Japan	8.15	YES	MICRO ALLOY (DEACERO CAN MAKE)	2020	76.5
73678	O&k American Corp.	7227906030	Granted	3/24/2020	Japan	9.35	YES	MICRO ALLOY (DEACERO CAN MAKE)	2020	42.7
73680	O&k American Corp.	7227906035	Granted	3/24/2020	Japan	16.8	YES	MICRO ALLOY (DEACERO CAN MAKE)	2020	42.4
73681	O&k American Corp.	7227906040	Granted	3/23/2020	Japan	19.8	NO	MICRO ALLOY (DEACERO CAN MAKE)	2020	1,423.4
73682	O&k American Corp.	7227906040	Granted	3/24/2020	Japan	20.8	NO	MICRO ALLOY (DEACERO CAN MAKE)	2020	42.4
73683	O&k American Corp.	7227906040	Granted	3/24/2020	Japan	25.77	NO	ALLOY STEEL	2020	1,662.6
73684	O&k American Corp.	7227906040	Granted	3/24/2020	Japan	25.77	NO	ALLOY STEEL	2020	1,662.6
73685	O&k American Corp.	7227906030	Granted	3/23/2020	Japan	9.35	YES	ALLOY STEEL	2020	42.7
73687	O&k American Corp.	7227906035	Granted	3/23/2020	Japan	16.8	YES	ALLOY STEEL	2020	42.4
73688	O&k American Corp.	7227906040	Granted	3/24/2020	Japan	19.8	NO	ALLOY STEEL	2020	1,423.4
73689	O&k American Corp.	7227906040	Granted	3/23/2020	Japan	20.8	NO	ALLOY STEEL	2020	42.4
73707	O&k American Corp.	7227906040	Granted	3/24/2020	Japan	25.77	NO	ALLOY STEEL	2020	1,662.6
74075	Metal One America, Inc.	7227906030	Granted	3/25/2020	Japan	12.05	YES	ALLOY STEEL	2020	120.0
74247	Nippon Steel Trading Americas, Inc.	7227906030	Granted	3/26/2020	Japan	6.8	YES	ALLOY STEEL	2020	100.0
74838	Nippon Steel Trading Americas, Inc.	7227906030	Granted	3/27/2020	Japan	8.8	YES	ALLOY STEEL	2020	500.0
75837	Nippon Steel Trading Americas, Inc.	7227906030	Granted	3/30/2020	Japan	5.3	YES	ALLOY STEEL	2020	500.0
75887	Nippon Steel Trading Americas, Inc.	7227906030	Granted	3/31/2020	Japan	7.8	YES	ALLOY STEEL	2020	2,000.0
75923	Nippon Steel Trading Americas, Inc.	7227906030	Granted	3/31/2020	Japan	8.8	YES	ALLOY STEEL	2020	6,000.0
76277	Metal One America, Inc.	7227906035	Granted	1/4/2020	Japan	17	YES	ALLOY STEEL	2020	2,000.0
76411	Dexter Fastener Technologies, Inc.	7227906010	Granted	1/4/2020	Japan	7.1	YES	MICROALLOY CHQ (MEXICO CAN MAK	2020	4,640.0
76442	Dexter Fastener Technologies, Inc.	7227906010	Granted	3/31/2020	Japan	8.3	YES	MICROALLOY CHQ (MEXICO CAN MAK	2020	1,650.0
76577	Dexter Fastener Technologies, Inc.	7227906010	Granted	1/4/2020	Japan	9.1	YES	MICROALLOY CHQ (MEXICO CAN MAK	2020	1,850.0
76585	Dexter Fastener Technologies, Inc.	7227906010	Granted	1/4/2020	Japan	11.1	YES	MICROALLOY CHQ (MEXICO CAN MAK	2020	2,780.0
76591	Dexter Fastener Technologies, Inc.	7227906010	Granted	1/4/2020	Japan	12.3	YES	MICROALLOY CHQ (MEXICO CAN MAK	2020	1,450.0
76596	Dexter Fastener Technologies, Inc.	7227906010	Granted	1/4/2020	Japan	13.1	YES	MICROALLOY CHQ (MEXICO CAN MAK	2020	100.0
76601	Dexter Fastener Technologies, Inc.	7227906010	Granted	1/4/2020	Japan	13.9	YES	MICROALLOY CHQ (MEXICO CAN MAK	2020	550.0
76613	Dexter Fastener Technologies, Inc.	7227906010	Granted	1/4/2020	Japan	8.3	YES	ALLOY STEEL	2020	90.0
76629	Dexter Fastener Technologies, Inc.	7227906010	Granted	1/4/2020	Japan	10.3	YES	MICROALLOY CHQ (MEXICO CAN MAK	2020	80.0
76641	Dexter Fastener Technologies, Inc.	7227906010	Granted	2/4/2020	Japan	7.1	YES	ALLOY STEEL	2020	110.0
76730	Dexter Fastener Technologies, Inc.	7227906010	Granted	2/4/2020	Japan	7.9	YES	ALLOY STEEL	2020	350.0
76733	Dexter Fastener Technologies, Inc.	7227906010	Granted	2/4/2020	Japan	8.3	YES	ALLOY STEEL	2020	270.0
76750	Dexter Fastener Technologies, Inc.	7227906010	Granted	2/4/2020	Japan	9.1	YES	ALLOY STEEL	2020	710.0
76761	Dexter Fastener Technologies, Inc.	7227906010	Granted	2/4/2020	Japan	10.1	YES	ALLOY STEEL	2020	760.0

76808	Dexter Fastener Technologies, Inc.	7227906010	Granted	2/4/2020	Japan	11.1	YES	ALLOY STEEL	2020	50.0
76818	Dexter Fastener Technologies, Inc.	7227906010	Granted	2/4/2020	Japan	12	YES	ALLOY STEEL	2020	2,400.0
76826	Dexter Fastener Technologies, Inc.	7227906010	Granted	2/4/2020	Japan	13.8	YES	ALLOY STEEL	2020	4,200.0
76834	Dexter Fastener Technologies, Inc.	7227906010	Granted	2/4/2020	Japan	15	YES	ALLOY STEEL	2020	160.0
76869	Dexter Fastener Technologies, Inc.	7227906010	Granted	1/4/2020	Japan	10.3	YES	ALLOY STEEL	2020	660.0
76878	Dexter Fastener Technologies, Inc.	7227906010	Granted	1/4/2020	Japan	11.1	YES	ALLOY STEEL	2020	680.0
76887	Dexter Fastener Technologies, Inc.	7227906010	Granted	2/4/2020	Japan	12.6	YES	ALLOY STEEL	2020	580.0
76890	Dexter Fastener Technologies, Inc.	7227906010	Granted	2/4/2020	Japan	13.9	YES	ALLOY STEEL	2020	650.0
76902	Dexter Fastener Technologies, Inc.	7227906010	Granted	1/4/2020	Japan	8.6	YES	ALLOY STEEL	2020	140.0
76904	Dexter Fastener Technologies, Inc.	7227906010	Granted	2/4/2020	Japan	12.3	YES	ALLOY STEEL	2020	60.0
76908	Dexter Fastener Technologies, Inc.	7227906010	Granted	2/4/2020	Japan	16.5	YES	ALLOY STEEL	2020	104.0
77112	Dexter Fastener Technologies, Inc.	7227906010	Granted	2/4/2020	Japan	7.2	YES	ALLOY STEEL	2020	60.0
77121	Dexter Fastener Technologies, Inc.	7227906010	Granted	2/4/2020	Japan	8.4	YES	ALLOY STEEL	2020	480.0
77128	Dexter Fastener Technologies, Inc.	7227906010	Granted	2/4/2020	Japan	9.1	YES	ALLOY STEEL	2020	1,970.0
77137	Dexter Fastener Technologies, Inc.	7227906010	Granted	2/4/2020	Japan	10.3	YES	ALLOY STEEL	2020	5,000.0
77155	Dexter Fastener Technologies, Inc.	7227906010	Granted	2/4/2020	Japan	11.1	YES	ALLOY STEEL	2020	1,710.0
77267	Dexter Fastener Technologies, Inc.	7227906010	Granted	2/4/2020	Japan	12.3	YES	ALLOY STEEL	2020	4,800.0
77282	Dexter Fastener Technologies, Inc.	7227906010	Granted	1/4/2020	Japan	13.9	YES	ALLOY STEEL	2020	1,350.0
77293	Dexter Fastener Technologies, Inc.	7227906010	Granted	2/4/2020	Japan	15.1	YES	ALLOY STEEL	2020	800.0
77297	Dexter Fastener Technologies, Inc.	7227906010	Granted	2/4/2020	Japan	16.5	YES	ALLOY STEEL	2020	1,310.0
77753	Nippon Steel Trading Americas, Inc.	7227906030	Granted	7/4/2020	Japan	5.3	YES	ALLOY STEEL	2020	500.0
77795	Nippon Steel Trading Americas, Inc.	7227906030	Granted	7/4/2020	Japan	6.8	YES	ALLOY STEEL	2020	1,000.0
77872	Nippon Steel Trading Americas, Inc.	7227906030	Granted	7/4/2020	Japan	7.8	YES	ALLOY STEEL	2020	1,000.0
78525	Shinsho American Corporation	7227906010	Granted	8/4/2020	Japan	7.5	YES	ALLOY CHQ	2020	168.0
78528	Shinsho American Corporation	7227906010	Granted	7/4/2020	Japan	8.7	YES	ALLOY CHQ	2020	16.0
78531	Shinsho American Corporation	7227906010	Granted	6/4/2020	Japan	11.5	YES	ALLOY CHQ	2020	96.0
78534	Shinsho American Corporation	7227906010	Granted	7/4/2020	Japan	12.3	YES	ALLOY CHQ	2020	156.0
78536	Shinsho American Corporation	7227906010	Granted	7/4/2020	Japan	13.5	YES	ALLOY CHQ	2020	96.0
78537	Shinsho American Corporation	7227906010	Granted	7/4/2020	Japan	14.3	YES	ALLOY CHQ	2020	96.0
78539	Shinsho American Corporation	7227906010	Granted	6/4/2020	Japan	21	NO	ALLOY CHQ	2020	180.0
78542	Shinsho American Corporation	7227906010	Granted	7/4/2020	Japan	11	YES	ALLOY STEEL	2020	84.0
78625	Shinsho American Corporation	7227906010	Granted	7/4/2020	Japan	7.5	YES	ALLOY STEEL	2020	192.0
78626	Shinsho American Corporation	7227906010	Granted	6/4/2020	Japan	9.5	YES	ALLOY STEEL	2020	984.0
78627	Shinsho American Corporation	7227906010	Granted	7/4/2020	Japan	10.3	YES	ALLOY STEEL	2020	360.0
78628	Shinsho American Corporation	7227906010	Granted	7/4/2020	Japan	11	YES	ALLOY STEEL	2020	264.0
78629	Shinsho American Corporation	7227906010	Granted	7/4/2020	Japan	11.5	YES	ALLOY STEEL	2020	1,488.0
78630	Shinsho American Corporation	7227906010	Granted	7/4/2020	Japan	12.3	YES	ALLOY STEEL	2020	672.0
78631	Shinsho American Corporation	7227906010	Granted	7/4/2020	Japan	12.3	YES	ALLOY STEEL	2020	192.0

78632	Shinsho American Corporation	7227906010	Granted	7/4/2020	Japan	13.5	YES	ALLOY STEEL	2020	792.0
78633	Shinsho American Corporation	7227906010	Granted	8/4/2020	Japan	14.3	YES	ALLOY STEEL	2020	648.0
78634	Shinsho American Corporation	7227906010	Granted	6/4/2020	Japan	15	YES	ALLOY STEEL	2020	120.0
78635	Shinsho American Corporation	7227906010	Granted	7/4/2020	Japan	15.5	YES	ALLOY STEEL	2020	2,160.0
78636	Shinsho American Corporation	7227906010	Granted	7/4/2020	Japan	18.3	YES	ALLOY STEEL	2020	120.0
78637	Shinsho American Corporation	7227906010	Granted	7/4/2020	Japan	8.3	YES	ALLOY STEEL	2020	384.0
78638	Shinsho American Corporation	7227906010	Granted	7/4/2020	Japan	9.5	YES	ALLOY STEEL	2020	1,200.0
78639	Shinsho American Corporation	7227906010	Granted	7/4/2020	Japan	10.7	YES	ALLOY STEEL	2020	216.0
78640	Shinsho American Corporation	7227906010	Granted	7/4/2020	Japan	11	YES	ALLOY STEEL	2020	36.0
78641	Shinsho American Corporation	7227906010	Granted	8/4/2020	Japan	11.5	YES	ALLOY STEEL	2020	3,888.0
78642	Shinsho American Corporation	7227906010	Granted	6/4/2020	Japan	12.3	YES	ALLOY STEEL	2020	216.0
78643	Shinsho American Corporation	7227906010	Granted	7/4/2020	Japan	13	YES	ALLOY STEEL	2020	1,416.0
78644	Shinsho American Corporation	7227906010	Granted	7/4/2020	Japan	13.5	YES	ALLOY STEEL	2020	1,224.0
78645	Shinsho American Corporation	7227906010	Granted	7/4/2020	Japan	14.3	YES	ALLOY STEEL	2020	1,344.0
78646	Shinsho American Corporation	7227906010	Granted	7/4/2020	Japan	15.5	YES	ALLOY STEEL	2020	2,640.0
78647	Shinsho American Corporation	7227906010	Granted	7/4/2020	Japan	16.7	YES	ALLOY STEEL	2020	288.0
78648	Shinsho American Corporation	7227906010	Granted	7/4/2020	Japan	18	YES	ALLOY STEEL	2020	816.0
78649	Shinsho American Corporation	7227906010	Granted	8/4/2020	Japan	21	NO	ALLOY STEEL	2020	1,016.0
78650	Shinsho American Corporation	7227906010	Granted	6/4/2020	Japan	9.5	YES	ALLOY STEEL	2020	840.0
78651	Shinsho American Corporation	7227906010	Granted	7/4/2020	Japan	10	YES	ALLOY STEEL	2020	72.0
78652	Shinsho American Corporation	7227906010	Granted	7/4/2020	Japan	10.3	YES	ALLOY STEEL	2020	192.0
78653	Shinsho American Corporation	7227906010	Granted	7/4/2020	Japan	10.7	YES	ALLOY STEEL	2020	288.0
78654	Shinsho American Corporation	7227906010	Granted	7/4/2020	Japan	11.5	YES	ALLOY STEEL	2020	3,768.0
78655	Shinsho American Corporation	7227906010	Granted	7/4/2020	Japan	12	YES	ALLOY STEEL	2020	288.0
78656	Shinsho American Corporation	7227906010	Granted	7/4/2020	Japan	12.3	YES	ALLOY STEEL	2020	480.0
78657	Shinsho American Corporation	7227906010	Granted	8/4/2020	Japan	12.7	YES	ALLOY STEEL	2020	192.0
78658	Shinsho American Corporation	7227906010	Granted	6/4/2020	Japan	13	YES	ALLOY STEEL	2020	480.0
78659	Shinsho American Corporation	7227906010	Granted	7/4/2020	Japan	13.5	YES	ALLOY STEEL	2020	4,800.0
79053	O&k American Corp	7227906010	Granted	7/4/2020	Japan	10.4	YES	ALLOY STEEL	2020	450.0
79455	TN Americas Holding, Inc. (TN Georgia, Inc.)	7227902030	Granted	9/4/2020	Japan	7.4	NO	BALL BEARING STEEL	2020	340.2
79647	Nippon Steel Trading Americas, Inc.	7227906030	Granted	9/4/2020	Japan	5.3	YES	ALLOY STEEL	2020	300.0
79653	Nippon Steel Trading Americas, Inc.	7227906030	Granted	9/4/2020	Japan	7.8	YES	ALLOY STEEL	2020	1,500.0
BIS-2018-0006-3	Cold Heading Company	7213913015	Granted	23/08/18	Canada	13.1	YES	CARBON CHQ	2018	79.8
BIS-2018-0006-3	Cold Heading Company	7213913015	Granted	23/08/18	Canada	13.1	YES	CARBON CHQ	2018	97.8
BIS-2018-0006-2	MNP CORPORATION	7227906010	Granted	02/08/18	Canada	13	YES	ALLOY STEEL	2018	106.2
BIS-2018-0006-2	Bekaert Corporation	7213913093	Granted	02/08/18	Canada	9.5	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	500.0
BIS-2018-0006-2	Bekaert Corporation	7213913093	Granted	02/08/18	Canada	8.5	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	500.0
BIS-2018-0006-2	MNP CORPORATION	7227906010	Granted	02/08/18	Canada	13.5	YES	ALLOY STEEL	2018	40.4

BIS-2018-0006-2	Bekaert Corporation	7213913093	Granted	02/08/18	Canada		10.5	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	1,000.0
BIS-2018-0006-2	Bekaert Corporation	7213913093	Granted	02/08/18	Canada		9.5	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	500.0
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	500.0
BIS-2018-0006-2	MNP CORPORATION	7227906010	Granted	02/08/18	Canada		12	YES	ALLOY STEEL	2018	1,744.8
BIS-2018-0006-2	Bekaert Corporation	7213913093	Granted	02/08/18	Canada		5.5	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	1,500.0
BIS-2018-0006-2	Bekaert Corporation	7213913093	Granted	02/08/18	Canada		8	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	500.0
BIS-2018-0006-2	MNP CORPORATION	7213990060	Granted	02/08/18	Canada		9.5	YES	CARBON CHQ	2018	44.2
BIS-2018-0006-2	Bekaert Corporation	7213913093	Granted	02/08/18	Canada		7.5	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	3,000.0
BIS-2018-0006-2	Bekaert Corporation	7213913093	Granted	02/08/18	Canada		11	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	300.0
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	17/05/18	Japan	NA		NA	ALLOY STEEL	2018	500.0
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	29/05/19	Japan	NA			ALLOY STEEL	2019	500.0
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	635.0
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	17/05/18	Japan	NA		NA	ALLOY STEEL	2018	635.0
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	29/05/19	Japan	NA			ALLOY STEEL	2019	635.0
BIS-2018-0006-2	MNP CORPORATION	7227906010	Granted	02/08/18	Canada		12.7	YES	ALLOY STEEL	2018	3,412.6
BIS-2018-0006-2	Bekaert Corporation	7213913093	Granted	02/08/18	Canada		9	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	600.0
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	06/05/19	Canada	NA			ALLOY STEEL	2019	2,567.5
		7227906010	Granted	06/05/19	Canada	NA			ALLOY CHQ	2019	2,567.5
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	06/05/19	Canada	NA			ALLOY STEEL	2019	2,122.2
			Granted	06/05/19	Canada	NA			ALLOY CHQ	2019	2,122.2
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	06/05/19	Canada	NA			ALLOY STEEL	2019	1,921.7
BIS-2018-0006-2	Bekaert Corporation	7213913093	Granted	02/08/18	Canada		10	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	600.0
BIS-2018-0006-2	MNP CORPORATION	7227906010	Granted	02/08/18	Canada		10.5	YES	ALLOY STEEL	2018	737.0
BIS-2018-0006-2	Bekaert Corporation	7213913093	Granted	02/08/18	Canada		7	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	600.0
		7227906010	Granted	02/08/18	Canada	NA		NA	ALLOY CHQ	2018	1,921.7
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	06/05/19	Canada	NA			ALLOY STEEL	2019	646.5
		7227906010	Granted	06/05/19	Canada	NA			ALLOY CHQ	2019	646.5
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	06/05/19	Canada	NA			ALLOY STEEL	2019	586.1
		7227906010	Granted	06/05/19	Canada	NA			ALLOY CHQ	2019	586.1
BIS-2018-0006-2	Bekaert Corporation	7213913093	Granted	02/08/18	Canada		6.5	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	400.0
BIS-2018-0006-2	Bekaert Corporation	7213913093	Granted	02/08/18	Canada		11.5	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	500.0
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	06/05/19	Canada	NA			ALLOY STEEL	2019	880.6
		7227906010	Granted	06/05/19	Canada	NA			ALLOY CHQ	2019	880.6
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	06/05/19	Canada	NA			ALLOY STEEL	2019	1,371.4
		7227906010	Granted	06/05/19	Canada	NA			ALLOY CHQ	2019	1,371.4
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	06/05/19	Canada	NA			ALLOY STEEL	2019	1,913.6
		7227906010	Granted	06/05/19	Canada	NA			ALLOY CHQ	2019	1,913.6
BIS-2018-0006-2	MNP CORPORATION	7213913093	Granted	02/08/18	Canada		13.5	YES	MICRO ALLOY	2018	844.0

BIS-2018-0006-2	MNP CORPORATION	7227906010	Granted	02/08/18	Canada		9	YES	ALLOY STEEL	2018	406.3
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	06/05/19	Canada	NA			ALLOY STEEL	2019	989.9
		7227906010	Granted	06/05/19	Canada	NA			ALLOY CHQ	2019	989.9
BIS-2018-0006-4	KAMAX Limited Partnership	7213913015	Granted	06/09/18	Canada	NA		NA	ALLOY STEEL	2018	28.1
			Granted	06/09/18	Canada	NA		YES	ALLOY STEEL	2018	28.1
BIS-2018-0006-4	KAMAX Limited Partnership	7213913015	Granted	06/09/18	Canada	NA		NA	ALLOY STEEL	2018	44.5
BIS-2018-0006-2	MNP CORPORATION	7227906010	Granted	02/08/18	Canada		15.9	YES	ALLOY STEEL	2018	67.1
			Granted	02/08/18	Canada	NA		YES	ALLOY STEEL	2018	44.5
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	06/05/19	Canada	NA			ALLOY STEEL	2019	515.4
			Granted								
				06/05/19	Canada	NA		YES	ALLOY STEEL	2019	515.4
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	06/05/19	Canada	NA			ALLOY STEEL	2019	499.9
		7227906010	Granted	06/05/19	Canada	NA		YES	ALLOY STEEL	2019	499.9
BIS-2018-0006-2	MNP CORPORATION	7227906010	Granted	02/08/18	Canada		15.1	YES	ALLOY STEEL	2018	6.5
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	06/05/19	Canada	NA			ALLOY STEEL	2019	536.5
		7227906010	Granted	06/05/19	Canada	NA		YES	ALLOY STEEL	2019	536.5
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	06/05/19	Canada	NA			ALLOY STEEL	2019	1,745.2
		7227906010	Granted	06/05/19	Canada	NA		YES	ALLOY STEEL	2019	1,745.2
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	06/05/19	Canada	NA			ALLOY STEEL	2019	152.7
		7227906010	Granted	06/05/19	Canada	NA		YES	ALLOY STEEL	2019	152.7
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	06/05/19	Canada	NA			ALLOY STEEL	2019	207.9
			Granted	06/05/19	Canada	NA		YES	ALLOY STEEL	2019	207.9
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	06/05/19	Canada	NA			ALLOY STEEL	2019	210.5
		7227906010	Granted	06/05/19	Canada	NA		YES	ALLOY STEEL	2019	210.5
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	06/05/19	Canada	NA			ALLOY STEEL	2019	658.5
BIS-2018-0006-2	Bekaert Corporation	7213913093	Granted	02/08/18	Canada		12	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	3,000.0
BIS-2018-0006-2	Bekaert Corporation	7213913093	Granted	02/08/18	Canada		10	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	3,000.0
BIS-2018-0006-2	MNP CORPORATION	7227906010	Granted	02/08/18	Canada		14.3	YES	ALLOY STEEL	2018	885.6
		7227906010	Granted	02/08/18	Canada	NA		YES	ALLOY STEEL	2018	658.5
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	06/05/19	Canada	NA			ALLOY STEEL	2019	311.7
		7227906010	Granted	06/05/19	Canada	NA		YES	ALLOY STEEL	2019	311.7
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	06/05/19	Canada	NA			ALLOY STEEL	2019	265.5
		7227906010	Granted	06/05/19	Canada	NA		YES	ALLOY STEEL	2019	265.5

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BIS-2018-0006-1	O&k American Corp	7213990030		01/07/19	Japan		17	YES	CARBON CHQ	2019	1,150.4
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	18/04/19	Japan		6.4	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	21.4
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	18/04/19	Japan		7.5	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	21.6
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	06/05/19	Japan		15.5	YES	CARBON CHQ	2019	272.0
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	11/04/19	Japan		15.5	YES	CARBON CHQ	2019	272.0
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	05/06/19	Japan		15.5	YES	CARBON CHQ	2019	1,665.8
BIS-2018-0006-9	O&k American Corp	7213990030	Granted	14/06/18	Japan		15.5	YES	CARBON CHQ	2018	272.1
BIS-2018-0006-4	Cold Heading Company	7213913093	Granted	30/08/18	Canada		7.5	YES	CARBON CHQ	2018	29.9
BIS-2018-0006-4	Cold Heading Company	7213913093	Granted	30/08/18	Canada		7.5	YES	CARBON CHQ	2018	10.0
BIS-2018-0006-4	Cold Heading Company	7213913093	Granted	30/08/18	Canada		8.3	YES	CARBON CHQ	2018	10.0
BIS-2018-0006-3	Cold Heading Company	7213913093	Granted	23/08/18	Canada		12.2	YES	CARBON CHQ	2018	114.8
BIS-2018-0006-3	Cold Heading Company	7213913093	Granted	23/08/18	Canada		12.2	YES	CARBON CHQ	2018	64.9
BIS-2018-0006-4	Cold Heading Company	7213913015	Granted	30/08/18	Canada		10.8	YES	CARBON CHQ	2018	279.2
BIS-2018-0006-3	ITW Bedford Wire	7227906030	Granted	23/08/18	Canada		12.7	YES	ALLOY STEEL	2018	227.0
BIS-2018-0006-7	ITW Bedford Wire	7227906030	Granted	29/10/18	Canada		12.7	YES	ALLOY STEEL	2018	227.0
BIS-2018-0006-3	ITW Bedford Wire	7227906035	Granted	23/08/18	Canada		14.7	YES	ALLOY STEEL	2018	110.0
BIS-2018-0006-2	MNP CORPORATION	7227906010	Granted	02/08/18	Canada		28	NO	ALLOY STEEL	2018	128.7
BIS-2018-0006-7	ITW Bedford Wire	7227906035	Granted	29/10/18	Canada		14.7	YES	ALLOY STEEL	2018	110.0
BIS-2018-0006-3	ITW Bedford Wire	7227906035	Granted	23/08/18	Canada		15.1	YES	ALLOY STEEL	2018	110.0
BIS-2018-0006-7	ITW Bedford Wire	7227906035	Granted	29/10/18	Canada		15.1	YES	ALLOY STEEL	2018	110.0
BIS-2018-0006-2	Ohio Rod Products	7213913000	Granted	02/08/18	Canada		7.9	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	174.5
BIS-2018-0006-1	Blue Ridge Metals Corp.	7227906040	Granted	17/07/18	Japan		19	NO	MICRO ALLOY (DEACERO CAN MAKE)	2018	45.8
BIS-2018-0006-8	Blue Ridge Metals Corp.	7227906040	Granted	06/06/18	Japan		23	NO	MICRO ALLOY (DEACERO CAN MAKE)	2018	45.8
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	30/07/19	Canada	NA			ALLOY STEEL	2019	200.3
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	30/07/19	Canada	NA			ALLOY STEEL	2019	1,969.9
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	30/07/19	Canada	NA			ALLOY STEEL	2019	141.7
BIS-2018-0006-2	MNP CORPORATION	7227906010	Granted	02/08/18	Canada		19.4	NO	ALLOY STEEL	2018	157.9
BIS-2018-0006-2	MNP CORPORATION	7213990030	Granted	02/08/18	Canada		14.7	YES	MICRO ALLOY	2018	750.3
BIS-2018-0006-2	Bekaert Corporation	7213913093	Granted	02/08/18	Canada		8	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	200.0
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	30/07/19	Canada	NA			ALLOY STEEL	2019	175.7
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	30/07/19	Canada	NA			ALLOY STEEL	2019	639.5

BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	30/07/19	Canada	NA			ALLOY STEEL	2019	604.9
			Granted	30/07/19	Japan		24	NO	ALLOY STEEL	2019	16.5
BIS-2018-0006-3	Takako America Co., Inc.	7227906090	Granted	07/08/18	Japan		24	NO	ALLOY STEEL	2018	16.5
BIS-2018-0006-2	Bekaert Corporation	7213913093	Granted	02/08/18	Canada		6	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	400.0
BIS-2018-0006-2	MNP CORPORATION	7227906010	Granted	02/08/18	Canada		8.7	YES	ALLOY STEEL	2018	43.8
BIS-2018-0006-2	Bekaert Corporation	7213913093	Granted	02/08/18	Canada		11.5	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	200.0
BIS-2018-0006-2	MNP CORPORATION	7227906010	Granted	02/08/18	Canada		9.5	YES	ALLOY STEEL	2018	4.6
BIS-2018-0006-4	Cold Heading Company	7213990030	Granted	30/08/18	Canada		11.8	YES	ALLOY STEEL	2018	29.9
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	30/07/19	Canada	NA			ALLOY STEEL	2019	230.0
BIS-2018-0006-6	Cold Heading Company	7227906030	Granted	06/12/18	Canada		7.5	YES	ALLOY STEEL	2018	29.9
BIS-2018-0006-7	Okaya (U.S.A.), INC.	7227902060	Granted	07/11/18	Japan		14	YES	ALLOY STEEL	2018	1,025.0
BIS-2018-0006-1	Okaya (U.S.A.), INC.	7227902060	Granted	12/04/19	Japan		14	YES	ALLOY STEEL	2019	1,025.0
BIS-2018-0006-2	MNP CORPORATION	7227906010	Granted	02/08/18	Canada		16.7	YES	ALLOY STEEL	2018	6.4
BIS-2018-0006-2	MNP CORPORATION	7227906010	Granted	02/08/18	Canada		18.2	YES	ALLOY STEEL	2018	736.7
BIS-2018-0006-2	MNP CORPORATION	7227906010	Granted	02/08/18	Canada		11.5	YES	ALLOY STEEL	2018	63.5
			Granted								
BIS-2018-0006-1	Sullivan Steel Service, A Division of General S	7227902060		02/07/19	Netherlands	NA			ALLOY STEEL	2019	20.0
BIS-2018-0006-1	Sullivan Steel Service, A Division of General S	7227902060	Granted	02/07/19	Netherlands	NA			ALLOY STEEL	2019	80.0
BIS-2018-0006-1	Sullivan Steel Service, A Division of General S	7227902060	Granted	02/07/19	Netherlands	NA			ALLOY STEEL	2019	15.0
BIS-2018-0006-1	Sullivan Steel Service, A Division of General S	7227902060	Granted	02/07/19	Netherlands	NA			ALLOY STEEL	2019	40.0
BIS-2018-0006-1	Blue Ridge Metals Corp.	7227906040	Granted	17/07/18	Japan		19	NO	ALLOY STEEL	2018	1,726.3
BIS-2018-0006-2	MNP CORPORATION	7227906010	Granted	02/08/18	Canada		7.5	YES	ALLOY STEEL	2018	257.2
			Granted								
BIS-2018-0006-7	O&k American Corp	7213990030		02/11/18	Japan		18	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	735.2
BIS-2018-0006-7	O&k American Corp	7213913015	Granted	02/11/18	Japan		13.5	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	1,543.6
BIS-2018-0006-8	Blue Ridge Metals Corp.	7227906040	Granted	07/06/18	Japan		22	NO	ALLOY STEEL	2018	1,726.3
BIS-2018-0006-4	Cold Heading Company	7227906010	Granted	30/08/18	Canada		16.2	YES	ALLOY STEEL	2018	143.1
BIS-2018-0006-7	O&k American Corp	7213990030	Granted	02/11/18	Japan		15	YES	CARBON CHQ	2018	692.9
BIS-2018-0006-7	O&k American Corp	7213990030	Granted	02/11/18	Japan		16.3	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	1,339.0
BIS-2018-0006-7	O&k American Corp	7213913015	Granted	02/11/18	Japan		11.5	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	1,168.0
BIS-2018-0006-9	Johnstown Wire Technologies, Inc	7227906090	Granted	17/12/18	Germany	NA		NA	ALLOY STEEL	2018	180.0
BIS-2018-0006-7	O&k American Corp	7213990030	Granted	02/11/18	Japan		17	YES	CARBON CHQ	2018	395.2
BIS-2018-0006-7	O&k American Corp	7213990030	Granted	02/11/18	Japan		17	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	1,129.6
BIS-2018-0006-9	Johnstown Wire Technologies, Inc	7227906090	Granted	17/12/18	Germany	NA		NA	ALLOY STEEL	2018	180.0
BIS-2018-0006-9	Johnstown Wire Technologies, Inc	7227906090	Granted	17/12/18	Germany	NA		NA	ALLOY STEEL	2018	180.0
BIS-2018-0006-7	O&k American Corp	7227906010	Granted	02/11/18	Japan		5.5	YES	MICRO ALLOY (DEACERO CAN MAKE)	2018	265.0

BIS-2018-0006-7	O&k American Corp	7213913015	Granted	02/11/18	Japan		12.3	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	669.5
BIS-2018-0006-9	Johnstown Wire Technologies, Inc	7227906090	Granted	17/12/18	Germany	NA		NA	ALLOY STEEL	2018	180.0
BIS-2018-0006-9	Johnstown Wire Technologies, Inc	7227906090	Granted	17/12/18	Germany	NA		NA	ALLOY STEEL	2018	180.0
			Granted								
BIS-2018-0006-7	O&k American Corp	7213990030		02/11/18	Japan		15	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	2,222.8
BIS-2018-0006-7	O&k American Corp	7213990030	Granted	02/11/18	Japan		18	YES	CARBON CHQ	2018	57.2
BIS-2018-0006-9	Johnstown Wire Technologies, Inc	7227906090	Granted	17/12/18	Germany	NA		NA	ALLOY STEEL	2018	180.0
BIS-2018-0006-9	Johnstown Wire Technologies, Inc	7227906090	Granted	17/12/18	Germany	NA		NA	ALLOY STEEL	2018	180.0
BIS-2018-0006-3	Mount Joy Wire Corporation	7227200080	Granted	15/08/18	Canada		5.5	YES	ALLOY STEEL	2018	68.0
BIS-2018-0006-7	O&k American Corp	7213990060	Granted	02/11/18	Japan		19	NO	CARBON STEEL (DEACERO CAN MAKE)	2018	1,867.5
BIS-2018-0006-3	Mount Joy Wire Corporation	7227200080	Granted	15/08/18	Canada		5.5	YES	ALLOY STEEL	2018	1,451.5
BIS-2018-0006-0	Kanematsu USA Inc.	7227906030	Granted	25/04/18	Japan	NA		NA	ALLOY STEEL	2018	577.5
BIS-2018-0006-0	Kanematsu USA Inc.	7227906030	Granted	25/04/18	Japan	NA		NA	ALLOY STEEL	2018	632.5
BIS-2018-0006-0	Kanematsu USA Inc.	7227906030	Granted	25/04/18	Japan	NA		NA	ALLOY STEEL	2018	500.0
BIS-2018-0006-7	O&k American Corp	7213913015	Granted	02/11/18	Japan		12	YES	CARBON CHQ	2018	148.2
BIS-2018-0006-0	Kanematsu USA Inc.	7227906030	Granted	25/04/18	Japan	NA		NA	ALLOY STEEL	2018	500.0
BIS-2018-0006-7	O&k American Corp	7227906010	Granted	02/11/18	Japan		5.5	YES	MICRO ALLOY (DEACERO CAN MAKE)	2018	2,963.7
BIS-2018-0006-7	O&k American Corp	7213990060	Granted	02/11/18	Japan		24	NO	CARBON CHQ	2018	2,963.7
BIS-2018-0006-1	Kanematsu USA Inc.	7227906030	Granted	31/05/19	Japan	NA			ALLOY STEEL	2019	577.5
BIS-2018-0006-1	Kanematsu USA Inc.	7227906030	Granted	31/05/19	Japan	NA			ALLOY STEEL	2019	500.0
BIS-2018-0006-2	ASWPengg	7213913093	Granted	03/08/18	Canada		13.5	YES	ALLOY BOF	2018	9,000.0
BIS-2018-0006-2	ASWPengg	7213913093	Granted	03/08/18	Canada		13.5	YES	ALLOY BOF	2018	9,000.0
BIS-2018-0006-8	WireCo WorldGroup Inc.	7213913093	Granted	03/12/18	Canada		4.75	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	20.0
BIS-2018-0006-1	Kanematsu USA Inc.	7227906030	Granted	18/06/19	Japan	NA			ALLOY STEEL	2019	632.5
BIS-2018-0006-8	WireCo WorldGroup Inc.	7213913093	Granted	03/12/18	Canada		4.75	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	35.0
BIS-2018-0006-8	WireCo WorldGroup Inc.	7213913093	Granted	03/12/18	Canada		4.75	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	200.0
BIS-2018-0006-1	Kanematsu USA Inc.	7227906030	Granted	18/06/19	Japan	NA			ALLOY STEEL	2019	500.0
BIS-2018-0006-5	Metal One America, Inc.	7227906040	Granted	24/05/18	Japan		19	NO	ALLOY STEEL	2018	900.0
BIS-2018-0006-5	Metal One America, Inc.	7227906035	Granted	24/05/18	Japan		18.7	YES	ALLOY STEEL	2018	210.0
BIS-2018-0006-5	Metal One America, Inc.	7227906040	Granted	24/05/18	Japan		20.3	NO	ALLOY STEEL	2018	300.0
BIS-2018-0006-5	Metal One America, Inc.	7227906035	Granted	24/05/18	Japan		18.3	YES	ALLOY STEEL	2018	10.0
BIS-2018-0006-5	Metal One America, Inc.	7227906040	Granted	24/05/18	Japan		21	NO	ALLOY STEEL	2018	630.0
BIS-2018-0006-5	Metal One America, Inc.	7227906035	Granted	24/05/18	Japan		14.3	YES	ALLOY STEEL	2018	10.0
BIS-2018-0006-1	Deutsche Precision LLC	7227902030	Granted	05/07/18	Japan	NA		NO	BALL BEARING STEEL	2018	96.0
BIS-2018-0006-5	Metal One America, Inc.	7227906035	Granted	24/05/18	Japan		16	YES	ALLOY STEEL	2018	870.0
BIS-2018-0006-5	Metal One America, Inc.	7227906035	Granted	24/05/18	Japan		16.7	YES	ALLOY STEEL	2018	1,020.0
BIS-2018-0006-5	Metal One America, Inc.	7227906035	Granted	24/05/18	Japan		15	YES	ALLOY STEEL	2018	2,020.0
BIS-2018-0006-5	Metal One America, Inc.	7227906035	Granted	24/05/18	Japan		5.5	YES	ALLOY STEEL	2018	920.0

BIS-2018-0006-5	Metal One America, Inc.	7227906035	Granted	24/05/18	Japan	14	YES	ALLOY STEEL	2018	10.0
BIS-2018-0006-5	Metal One America, Inc.	7227906030	Granted	24/05/18	Japan	13	YES	ALLOY STEEL	2018	1,050.0
BIS-2018-0006-5	Metal One America, Inc.	7227906040	Granted	24/05/18	Japan	19.5	NO	ALLOY STEEL	2018	570.0
BIS-2018-0006-5	Metal One America, Inc.	7227906035	Granted	24/05/18	Japan	17	YES	ALLOY STEEL	2018	1,130.0
BIS-2018-0006-4	O&k American Corp	7227906010	Granted	05/09/18	Canada	15.8	YES	ALLOY STEEL	2018	1,108.1
BIS-2018-0006-7	O&k American Corp	7213913015	Granted	05/11/18	Japan	12.7	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	254.3
BIS-2018-0006-7	O&k American Corp	7213913015	Granted	05/11/18	Japan	13	YES	CARBON CHQ	2018	59.3
BIS-2018-0006-7	O&k American Corp	7213990060	Granted	05/11/18	Japan	25	NO	CARBON STEEL (DEACERO CAN MAKE)	2018	239.4
BIS-2018-0006-7	O&k American Corp	7227906010	Granted	05/11/18	Japan	12	YES	MICRO ALLOY (DEACERO CAN MAKE)	2018	14.2
BIS-2018-0006-7	O&k American Corp	7213913015	Granted	05/11/18	Japan	7.5	YES	CARBON CHQ	2018	50.8
BIS-2018-0006-7	O&k American Corp	7213990030	Granted	05/11/18	Japan	15.5	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	370.5
BIS-2018-0006-8	O&k American Corp	7213913015	Granted	06/06/18	Japan	13.5	YES	CARBON CHQ	2018	6.3
BIS-2018-0006-8	O&k American Corp	7213913015	Granted	06/06/18	Japan	7	YES	CARBON CHQ	2018	121.3
BIS-2018-0006-8	O&k American Corp	7213990030	Granted	06/06/18	Japan	17	YES	CARBON CHQ	2018	127.3
BIS-2018-0006-8	O&k American Corp	7213990060	Granted	06/06/18	Japan	33	NO	CARBON CHQ	2018	1.3
BIS-2018-0006-5	Metal One America, Inc.	7227906035	Granted	24/05/18	Japan	17.5	YES	ALLOY STEEL	2018	830.0
BIS-2018-0006-8	Blue Ridge Metals Corp.	7213990060	Granted	06/06/18	Japan	20	NO	CARBON CHQ	2018	460.5
BIS-2018-0006-8	O&k American Corp	7213990060	Granted	06/06/18	Japan	20.3	NO	CARBON CHQ	2018	43.6
BIS-2018-0006-8	O&k American Corp	7213990060	Granted	06/06/18	Japan	38	NO	CARBON CHQ	2018	176.5
BIS-2018-0006-8	O&k American Corp	7213913015	Granted	06/06/18	Japan	9	YES	CARBON CHQ	2018	67.1
BIS-2018-0006-8	O&k American Corp	7213990060	Granted	06/06/18	Japan	27	NO	CARBON CHQ	2018	187.1
BIS-2018-0006-8	Blue Ridge Metals Corp.	7213913093	Granted	06/06/18	Japan	12	YES	CARBON CHQ	2018	58.3
BIS-2018-0006-8	O&k American Corp	7213990060	Granted	06/06/18	Japan	38	NO	CARBON CHQ	2018	56.4
BIS-2018-0006-8	O&k American Corp	7213990060	Granted	06/06/18	Japan	32	NO	CARBON CHQ	2018	49.8
BIS-2018-0006-1	Rocknel Fastener, Inc	7227906010	Granted	06/07/18	Japan	12.5	YES	MICRO ALLOY CHQ	2018	110.0
BIS-2018-0006-1	Rocknel Fastener, Inc	7227906010	Granted	06/07/18	Japan	8.3	YES	MICRO ALLOY CHQ	2018	192.0
BIS-2018-0006-1	Rocknel Fastener, Inc	7227906010	Granted	06/07/18	Japan	7.4	YES	MICRO ALLOY CHQ	2018	400.0
BIS-2018-0006-1	Rocknel Fastener, Inc	7227906010	Granted	06/07/18	Japan	9.5	YES	MICRO ALLOY CHQ	2018	14.0
BIS-2018-0006-1	Rocknel Fastener, Inc	7227906010	Granted	06/07/18	Japan	14.5	YES	MICRO ALLOY CHQ	2018	43.0
BIS-2018-0006-1	Rocknel Fastener, Inc	7227906010	Granted	06/07/18	Japan	12	YES	MICRO ALLOY CHQ	2018	4.0
BIS-2018-0006-5	Metal One America, Inc.	7227906040	Granted	24/05/18	Japan	20	NO	ALLOY STEEL	2018	410.0
BIS-2018-0006-5	Metal One America, Inc.	7227906035	Granted	24/05/18	Japan	18	YES	ALLOY STEEL	2018	850.0
BIS-2018-0006-5	Metal One America, Inc.	7227906035	Granted	24/05/18	Japan	16.3	YES	ALLOY STEEL	2018	30.0
BIS-2018-0006-5	Metal One America, Inc.	7227906030	Granted	24/05/18	Japan	13.5	YES	ALLOY STEEL	2018	80.0
BIS-2018-0006-5	Metal One America, Inc.	7227906040	Granted	24/05/18	Japan	22	NO	ALLOY STEEL	2018	10.0
BIS-2018-0006-7	O&k American Corp	7213913015	Granted	06/11/18	Japan	6	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	543.4
BIS-2018-0006-7	O&k American Corp	7227906010	Granted	06/11/18	Japan	9.5	YES	MICRO ALLOY (DEACERO CAN MAKE)	2018	592.8
BIS-2018-0006-7	O&k American Corp	7227906010	Granted	06/11/18	Japan	7.5	YES	ALLOY STEEL	2018	148.2

BIS-2018-0006-1	Metal One America, Inc.	7227906030	Granted	16/07/18	Japan	13	YES	ALLOY STEEL	2018	270.0
BIS-2018-0006-1	Metal One America, Inc.	7227906035	Granted	16/07/18	Japan	14	YES	ALLOY STEEL	2018	100.0
BIS-2018-0006-7	O&k American Corp	7213990030	Granted	06/11/18	Japan	17.5	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	133.9
BIS-2018-0006-1	Metal One America, Inc.	7227906030	Granted	16/07/18	Japan	12.3	YES	ALLOY STEEL	2018	120.0
BIS-2018-0006-7	O&k American Corp	7227906010	Granted	06/11/18	Japan	26	NO	MICRO ALLOY (DEACERO CAN MAKE)	2018	148.2
BIS-2018-0006-1	Metal One America, Inc.	7227906035	Granted	16/07/18	Japan	16.5	YES	ALLOY STEEL	2018	270.0
BIS-2018-0006-7	O&k American Corp	7213990060	Granted	06/11/18	Japan	24	NO	CARBON STEEL (DEACERO CAN MAKE)	2018	89.3
BIS-2018-0006-1	One America, Inc.	7227906035	Granted	16/07/18	Japan	14.5	YES	ALLOY STEEL	2018	100.0
BIS-2018-0006-7	O&k American Corp	7213990060	Granted	06/11/18	Japan	20	NO	CARBON CHQ	2018	1,481.9
BIS-2018-0006-7	O&k American Corp	7213990030	Granted	06/11/18	Japan	15	YES	CARBON CHQ	2018	40.2
BIS-2018-0006-7	O&k American Corp	7213990060	Granted	06/11/18	Japan	20.3	NO	CARBON CHQ	2018	22.5
BIS-2018-0006-7	O&k American Corp	7213913015	Granted	06/11/18	Japan	10.7	YES	CARBON CHQ	2018	22.6
BIS-2018-0006-7	O&k American Corp	7213990030	Granted	06/11/18	Japan	15	YES	CARBON CHQ	2018	41.0
BIS-2018-0006-1	Metal One America, Inc.	7227906035	Granted	16/07/18	Japan	17	YES	ALLOY STEEL	2018	500.0
BIS-2018-0006-7	O&k American Corp	7213913015	Granted	06/11/18	Japan	10.3	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	92.2
BIS-2018-0006-1	Metal One America, Inc.	7227906030	Granted	16/07/18	Japan	13.5	YES	ALLOY STEEL	2018	160.0
BIS-2018-0006-7	O&k American Corp	7213913015	Granted	06/11/18	Japan	5.5	YES	CARBON CHQ	2018	22.5
BIS-2018-0006-1	Metal One America, Inc.	7227906035	Granted	16/07/18	Japan	6	YES	ALLOY STEEL	2018	450.0
BIS-2018-0006-7	O&k American Corp	7213990060	Granted	06/11/18	Japan	26	NO	CARBON STEEL (DEACERO CAN MAKE)	2018	296.4
BIS-2018-0006-7	O&k American Corp	7227906010	Granted	06/11/18	Japan	13.5	YES	MICRO ALLOY (DEACERO CAN MAKE)	2018	22.5
BIS-2018-0006-1	Metal One America, Inc.	7227906035	Granted	16/07/18	Japan	5	YES	ALLOY STEEL	2018	470.0
BIS-2018-0006-7	O&k American Corp	7213990030	Granted	06/11/18	Japan	15	YES	CARBON CHQ	2018	40.3
BIS-2018-0006-7	O&k American Corp	7227906010	Granted	06/11/18	Japan	14	YES	MICRO ALLOY (DEACERO CAN MAKE)	2018	59.3
BIS-2018-0006-1	Metal One America, Inc.	7227906035	Granted	16/07/18	Japan	18	YES	ALLOY STEEL	2018	580.0
BIS-2018-0006-1	Metal One America, Inc.	7227906035	Granted	16/07/18	Japan	17.5	YES	ALLOY STEEL	2018	20.0
BIS-2018-0006-1	Metal One America, Inc.	7227906035	Granted	16/07/18	Japan	8.5	YES	ALLOY STEEL	2018	10.0
BIS-2018-0006-7	O&k American Corp	7227906010	Granted	06/11/18	Japan	7.5	YES	MICRO ALLOY (DEACERO CAN MAKE)	2018	64.7
BIS-2018-0006-2	Metal One America, Inc.	7227906030	Granted	19/07/18	Japan	13.5	YES	ALLOY STEEL	2018	160.0
BIS-2018-0006-1	Metal One America, Inc.	7227906030	Granted	01/04/19	Japan	13	YES	ALLOY STEEL	2019	1,200.0
BIS-2018-0006-7	O&k American Corp	7213990030	Granted	06/11/18	Japan	17	YES	CARBON CHQ	2018	14.0
BIS-2018-0006-1	Metal One America, Inc.	7227906035	Granted	06/05/19	Japan	16.5	YES	ALLOY STEEL	2019	300.0
BIS-2018-0006-7	O&k American Corp	7227906010	Granted	06/11/18	Japan	7.5	YES	MICRO ALLOY (DEACERO CAN MAKE)	2018	444.6
BIS-2018-0006-7	O&k American Corp	7227906010	Granted	06/11/18	Japan	13.5	YES	MICRO ALLOY (DEACERO CAN MAKE)	2018	59.3
BIS-2018-0006-1	Metal One America, Inc.	7227906040	Granted	09/04/19	Japan	20.3	NO	ALLOY STEEL	2019	450.0
BIS-2018-0006-7	O&k American Corp	7227906010	Granted	06/11/18	Japan	10.3	YES	MICRO ALLOY (DEACERO CAN MAKE)	2018	57.4
BIS-2018-0006-7	O&k American Corp	7213990030	Granted	06/11/18	Japan	15.5	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	198.4
BIS-2018-0006-7	O&k American Corp	7213990030	Granted	06/11/18	Japan	15.5	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	1,185.5
BIS-2018-0006-7	O&k American Corp	7213990060	Granted	06/11/18	Japan	32	NO	CARBON CHQ	2018	87.0

BIS-2018-0006-1	Metal One America, Inc.	7227906040	Granted	10/04/19	Japan	20	NO	ALLOY STEEL	2019	750.0
BIS-2018-0006-7	O&k American Corp	7213913015	Granted	06/11/18	Japan	8	YES	CARBON CHQ	2018	118.6
BIS-2018-0006-1	Metal One America, Inc.	7227906035	Granted	10/04/19	Japan	16.7	YES	ALLOY STEEL	2019	1,500.0
BIS-2018-0006-7	O&k American Corp	7213913015	Granted	06/11/18	Japan	9.5	YES	CARBON CHQ	2018	222.3
BIS-2018-0006-1	Metal One America, Inc.	7227906035	Granted	10/04/19	Japan	18	YES	ALLOY STEEL	2019	1,200.0
BIS-2018-0006-1	Metal One America, Inc.	7227906040	Granted	10/04/19	Japan	19	NO	ALLOY STEEL	2019	1,500.0
BIS-2018-0006-7	O&k American Corp	7213990030	Granted	06/11/18	Japan	17	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	592.8
BIS-2018-0006-1	Metal One America, Inc.	7227906040	Granted	10/04/19	Japan	19.5	NO	ALLOY STEEL	2019	1,095.0
BIS-2018-0006-7	O&k American Corp	7213913015	Granted	06/11/18	Japan	10.3	YES	CARBON CHQ	2018	88.9
BIS-2018-0006-7	O&k American Corp	7213990030	Granted	06/11/18	Japan	16	YES	CARBON CHQ	2018	370.5
BIS-2018-0006-7	O&k American Corp	7227906010	Granted	06/11/18	Japan	12.3	YES	MICRO ALLOY (DEACERO CAN MAKE)	2018	148.2
BIS-2018-0006-1	Metal One America, Inc.	7227906035	Granted	12/04/19	Japan	17.5	YES	ALLOY STEEL	2019	1,155.0
BIS-2018-0006-7	O&k American Corp	7213990060	Granted	06/11/18	Japan	20.3	NO	CARBON STEEL (DEACERO CAN MAKE)	2018	1,111.4
BIS-2018-0006-1	Metal One America, Inc.	7227906035	Granted	12/04/19	Japan	18.7	YES	ALLOY STEEL	2019	270.0
BIS-2018-0006-7	O&k American Corp	7213990060	Granted	06/11/18	Japan	20	NO	CARBON CHQ	2018	58.9
BIS-2018-0006-7	O&k American Corp	7227906010	Granted	06/11/18	Japan	8.3	YES	MICRO ALLOY (DEACERO CAN MAKE)	2018	494.0
BIS-2018-0006-7	O&k American Corp	7213913015	Granted	06/11/18	Japan	11	YES	CARBON CHQ	2018	40.3
BIS-2018-0006-7	O&k American Corp	7227906010	Granted	06/11/18	Japan	12	YES	ALLOY STEEL	2018	395.2
BIS-2018-0006-1	Metal One America, Inc.	7227906030	Granted	13/03/19	Japan	13.5	YES	ALLOY STEEL	2019	1,200.0
BIS-2018-0006-7	O&k American Corp	7213990030	Granted	06/11/18	Japan	17	YES	CARBON CHQ	2018	14.0
BIS-2018-0006-7	O&k American Corp	7213913015	Granted	06/11/18	Japan	13.5	YES	CARBON CHQ	2018	40.3
BIS-2018-0006-1	Metal One America, Inc.	7227906035	Granted	13/03/19	Japan	17	YES	ALLOY STEEL	2019	930.0
BIS-2018-0006-7	O&k American Corp	7213990030	Granted	06/11/18	Japan	16	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	148.2
BIS-2018-0006-7	O&k American Corp	7213913015	Granted	06/11/18	Japan	7	YES	CARBON CHQ	2018	143.5
BIS-2018-0006-1	Metal One America, Inc.	7227906035	Granted	22/03/19	Japan	16.3	YES	ALLOY STEEL	2019	375.0
BIS-2018-0006-7	O&k American Corp	7227906010	Granted	06/11/18	Japan	9.5	YES	ALLOY STEEL	2018	197.6
BIS-2018-0006-6	Cold Heading Company	7227906010	Granted	06/12/18	Canada	13.4	YES	ALLOY STEEL	2018	20.0
BIS-2018-0006-1	Metal One America, Inc.	7227906035	Granted	22/03/19	Japan	15	YES	ALLOY STEEL	2019	2,835.0
BIS-2018-0006-1	Metal One America, Inc.	7227906040	Granted	27/03/19	Japan	22	NO	ALLOY STEEL	2019	30.0
BIS-2018-0006-1	Metal One America, Inc.	7227906035	Granted	28/03/19	Japan	17	YES	ALLOY STEEL	2019	1,530.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	13/06/19	Japan	17	YES	ALLOY STEEL	2019	1,370.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	13/06/19	Japan	18	YES	ALLOY STEEL	2019	1,020.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	13/06/19	Japan	15	YES	ALLOY STEEL	2019	2,270.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906030	Granted	13/06/19	Japan	13	YES	ALLOY STEEL	2019	970.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	13/06/19	Japan	17.5	YES	ALLOY STEEL	2019	690.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906030	Granted	13/06/19	Japan	13.5	YES	ALLOY STEEL	2019	1,060.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	13/06/19	Japan	18.7	YES	ALLOY STEEL	2019	270.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906030	Granted	13/06/19	Japan	12.3	YES	ALLOY STEEL	2019	70.0

BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	13/06/19	Japan		16.7	YES	ALLOY STEEL	2019	1,450.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	13/06/19	Japan		5.5	YES	ALLOY STEEL	2019	340.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	13/06/19	Japan		16.3	YES	ALLOY STEEL	2019	220.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	14/06/19	Japan		14.5	YES	ALLOY STEEL	2019	60.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	14/06/19	Japan		6	YES	ALLOY STEEL	2019	230.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	14/06/19	Japan		17	YES	ALLOY STEEL	2019	740.0
BIS-2018-0006-3	Blue Ridge Metals Corp.	7213990060	Granted	07/08/18	Japan	NA		NA	CARBON CHQ	2018	753.5
BIS-2018-0006-3	Blue Ridge Metals Corp.	7213990060	Granted	07/08/18	Japan	NA		NA	CARBON CHQ	2018	111.0
BIS-2018-0006-3	MSSC INC.	7227906030	Granted	07/08/18	Japan		12.1	YES	CARBON CHQ	2018	410.0
BIS-2018-0006-3	Blue Ridge Metals Corp.	7213990060	Granted	07/08/18	Japan		19	NO	CARBON CHQ	2018	1,536.8
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	14/06/19	Japan		14	YES	ALLOY STEEL	2019	20.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906040	Granted	14/06/19	Japan		19.5	NO	ALLOY STEEL	2019	890.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	14/06/19	Japan		5.5	YES	ALLOY STEEL	2019	50.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906040	Granted	14/06/19	Japan		22	NO	ALLOY STEEL	2019	10.0
BIS-2018-0006-7	Dexter Fastener Technologies, Inc.	7227906010	Granted	07/11/18	Japan		8.3	YES	MICRO ALLOY	2018	298.0
BIS-2018-0006-7	Bekaert Corporation	7213913011	Granted	07/11/18	Brazil		5.5	NO	TIRE CORD	2018	20,000.0
BIS-2018-0006-7	Dexter Fastener Technologies, Inc.	7227906010	Granted	07/11/18	Japan		11.5	YES	ALLOY STEEL	2018	650.0
BIS-2018-0006-7	Dexter Fastener Technologies, Inc.	7227906010	Granted	07/11/18	Japan		15.5	YES	MICRO ALLOY	2018	28.0
BIS-2018-0006-7	Dexter Fastener Technologies, Inc.	7227906010	Granted	07/11/18	Japan		9.5	YES	MICRO ALLOY	2018	696.0
BIS-2018-0006-7	Dexter Fastener Technologies, Inc.	7227906010	Granted	07/11/18	Japan		12.5	YES	MICRO ALLOY	2018	2,300.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906040	Granted	14/06/19	Japan		19	NO	ALLOY STEEL	2019	1,370.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906040	Granted	14/06/19	Japan		20	NO	ALLOY STEEL	2019	810.0
BIS-2018-0006-7	Dexter Fastener Technologies, Inc.	7227906010	Granted	07/11/18	Japan		9	YES	ALLOY STEEL	2018	120.0
BIS-2018-0006-7	Dexter Fastener Technologies, Inc.	7227906010	Granted	07/11/18	Japan		8.7	YES	MICRO ALLOY	2018	228.0
BIS-2018-0006-7	Dexter Fastener Technologies, Inc.	7227906010	Granted	07/11/18	Japan		13.5	YES	MICRO ALLOY	2018	80.0
BIS-2018-0006-7	Dexter Fastener Technologies, Inc.	7227906010	Granted	07/11/18	Japan		11.5	YES	MICRO ALLOY	2018	2,692.0
BIS-2018-0006-7	Dexter Fastener Technologies, Inc.	7227906010	Granted	07/11/18	Japan		11.5	YES	MICRO ALLOY	2018	22.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	14/06/19	Japan		18	YES	ALLOY STEEL	2019	450.0
BIS-2018-0006-7	Dexter Fastener Technologies, Inc.	7227906010	Granted	07/11/18	Japan		14.3	YES	MICRO ALLOY	2018	508.0
BIS-2018-0006-7	Dexter Fastener Technologies, Inc.	7227906010	Granted	07/11/18	Japan		10.7	YES	MICRO ALLOY	2018	2,588.0
BIS-2018-0006-7	Dexter Fastener Technologies, Inc.	7227906010	Granted	07/11/18	Japan		10.5	YES	MICRO ALLOY	2018	424.0
BIS-2018-0006-7	Dexter Fastener Technologies, Inc.	7227906010	Granted	07/11/18	Japan		13	YES	ALLOY STEEL	2018	535.0
BIS-2018-0006-7	Dexter Fastener Technologies, Inc.	7227906010	Granted	07/11/18	Japan		10.7	YES	MICRO ALLOY	2018	56.0
BIS-2018-0006-7	Dexter Fastener Technologies, Inc.	7227906010	Granted	07/11/18	Japan		14.3	YES	ALLOY STEEL	2018	604.0
BIS-2018-0006-7	Dexter Fastener Technologies, Inc.	7227906010	Granted	07/11/18	Japan		7.5	YES	MICRO ALLOY	2018	4,596.0
BIS-2018-0006-7	Dexter Fastener Technologies, Inc.	7227906010	Granted	07/11/18	Japan		7.5	YES	MICRO ALLOY	2018	100.0
BIS-2018-0006-7	Dexter Fastener Technologies, Inc.	7227906010	Granted	07/11/18	Japan		9.5	YES	MICRO ALLOY	2018	1,822.0
BIS-2018-0006-7	Dexter Fastener Technologies, Inc.	7227906010	Granted	07/11/18	Japan		8.7	YES	MICRO ALLOY	2018	1,612.0

BIS-2018-0006-7	Dexter Fastener Technologies, Inc.	7227906010	Granted	07/11/18	Japan	14.3	YES	MICRO ALLOY	2018	3,684.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906040	Granted	14/06/19	Japan	19	NO	ALLOY STEEL	2019	1,370.0
BIS-2018-0006-7	Dexter Fastener Technologies, Inc.	7227906010	Granted	07/11/18	Japan	10.7	YES	ALLOY STEEL	2018	600.0
BIS-2018-0006-7	Universal Bearings, LLC	7227902060	Granted	08/11/18	South Korea	5.5	NO	BALL BEARING STEEL	2018	470.0
BIS-2018-0006-7	Universal Bearings, LLC	7227902060	Granted	08/11/18	South Korea	12	NO	BALL BEARING STEEL	2018	240.0
BIS-2018-0006-7	Universal Bearings, LLC	7227902060	Granted	08/11/18	France	5.5	NO	BALL BEARING STEEL	2018	640.0
BIS-2018-0006-7	Universal Bearings, LLC	7227902060	Granted	08/11/18	France	5	NO	BALL BEARING STEEL	2018	220.0
BIS-2018-0006-7	Universal Bearings, LLC	7227902060	Granted	08/11/18	South Korea	6.5	NO	BALL BEARING STEEL	2018	220.0
BIS-2018-0006-7	Universal Bearings, LLC	7227901060	Granted	08/11/18	Japan	10	NO	BALL BEARING STEEL	2018	250.0
BIS-2018-0006-7	Universal Bearings, LLC	7227902060	Granted	08/11/18	France	7.5	NO	BALL BEARING STEEL	2018	37.0
BIS-2018-0006-7	Universal Bearings, LLC	7227902060	Granted	08/11/18	France	10	NO	BALL BEARING STEEL	2018	55.0
BIS-2018-0006-7	Universal Bearings, LLC	7227902060	Granted	08/11/18	Japan	11	NO	BALL BEARING STEEL	2018	80.0
BIS-2018-0006-7	Universal Bearings, LLC	7227902060	Granted	08/11/18	South Korea	10	NO	BALL BEARING STEEL	2018	330.0
BIS-2018-0006-7	Universal Bearings, LLC	7227902060	Granted	08/11/18	Japan	7.5	NO	BALL BEARING STEEL	2018	40.0
BIS-2018-0006-7	Universal Bearings, LLC	7227901060	Granted	08/11/18	Japan	5.5	NO	BALL BEARING STEEL	2018	20.0
BIS-2018-0006-7	Universal Bearings, LLC	7227901060	Granted	08/11/18	Japan	12	NO	BALL BEARING STEEL	2018	45.0
BIS-2018-0006-7	Universal Bearings, LLC	7227902060	Granted	08/11/18	France	11	NO	BALL BEARING STEEL	2018	380.0
BIS-2018-0006-7	Universal Bearings, LLC	7227901060	Granted	08/11/18	Japan	14.5	NO	BALL BEARING STEEL	2018	81.0
BIS-2018-0006-7	Universal Bearings, LLC	7227902060	Granted	08/11/18	France	12	NO	BALL BEARING STEEL	2018	55.0
BIS-2018-0006-7	Universal Bearings, LLC	7227901060	Granted	08/11/18	Japan	11	NO	BALL BEARING STEEL	2018	430.0
BIS-2018-0006-7	Universal Bearings, LLC	7227901060	Granted	08/11/18	Japan	13.5	NO	BALL BEARING STEEL	2018	100.0
BIS-2018-0006-7	Universal Bearings, LLC	7227902060	Granted	08/11/18	Japan	10	NO	BALL BEARING STEEL	2018	40.0
BIS-2018-0006-7	Universal Bearings, LLC	7227902060	Granted	08/11/18	Japan	8.5	NO	BALL BEARING STEEL	2018	40.0
BIS-2018-0006-7	Universal Bearings, LLC	7227901060	Granted	08/11/18	Japan	6.5	NO	BALL BEARING STEEL	2018	110.0
BIS-2018-0006-7	Universal Bearings, LLC	7227902060	Granted	08/11/18	South Korea	11	NO	BALL BEARING STEEL	2018	440.0
BIS-2018-0006-7	Universal Bearings, LLC	7227902060	Granted	08/11/18	South Korea	4.5	NO	BALL BEARING STEEL	2018	580.0
BIS-2018-0006-7	Universal Bearings, LLC	7227901060	Granted	08/11/18	Japan	8.5	NO	BALL BEARING STEEL	2018	60.0
BIS-2018-0006-7	Universal Bearings, LLC	7227902060	Granted	08/11/18	Japan	5.5	NO	BALL BEARING STEEL	2018	220.0
BIS-2018-0006-7	Universal Bearings, LLC	7227902060	Granted	08/11/18	Japan	6.5	NO	BALL BEARING STEEL	2018	40.0
BIS-2018-0006-7	Universal Bearings, LLC	7227902060	Granted	08/11/18	France	6.5	NO	BALL BEARING STEEL	2018	95.0
BIS-2018-0006-7	Universal Bearings, LLC	7227901060	Granted	08/11/18	Japan	5	NO	BALL BEARING STEEL	2018	80.0
BIS-2018-0006-7	Universal Bearings, LLC	7227902060	Granted	08/11/18	France	14.5	NO	BALL BEARING STEEL	2018	73.0
BIS-2018-0006-7	Universal Bearings, LLC	7227902060	Granted	08/11/18	Japan	13.5	NO	BALL BEARING STEEL	2018	20.0
BIS-2018-0006-7	Universal Bearings, LLC	7227902060	Granted	08/11/18	France	8.5	NO	BALL BEARING STEEL	2018	55.0
BIS-2018-0006-7	Universal Bearings, LLC	7227901060	Granted	08/11/18	Japan	7.5	NO	BALL BEARING STEEL	2018	60.0
BIS-2018-0006-7	Universal Bearings, LLC	7227902060	Granted	08/11/18	France	13.5	NO	BALL BEARING STEEL	2018	55.0
BIS-2018-0006-7	Universal Bearings, LLC	7227901060	Granted	08/11/18	Japan	5.5	NO	BALL BEARING STEEL	2018	1,500.0
BIS-2018-0006-7	Universal Bearings, LLC	7227902060	Granted	08/11/18	South Korea	5	NO	BALL BEARING STEEL	2018	531.0

BIS-2018-0006-7	Universal Bearings, LLC	7227902060	Granted	08/11/18	Japan	14.5	NO	BALL BEARING STEEL	2018	20.0
BIS-2018-0006-7	Universal Bearings, LLC	7227902060	Granted	08/11/18	South Korea	8.5	NO	BALL BEARING STEEL	2018	200.0
BIS-2018-0006-7	Universal Bearings, LLC	7227902060	Granted	08/11/18	France	5.5	NO	BALL BEARING STEEL	2018	19.0
BIS-2018-0006-7	Universal Bearings, LLC	7227902060	Granted	08/11/18	Japan	12	NO	BALL BEARING STEEL	2018	40.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906040	Granted	14/06/19	Japan	21	NO	ALLOY STEEL	2019	450.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906040	Granted	10/07/18	Japan	19	NO	ALLOY BOF	2018	10.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	14/06/19	Japan	5	YES	ALLOY STEEL	2019	130.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	14/06/19	Japan	16.5	YES	ALLOY STEEL	2019	190.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906040	Granted	14/06/19	Japan	20.3	NO	ALLOY STEEL	2019	470.0
BIS-2018-0006-2	NHK of America Suspension Components Inc.	7227906035	Granted	25/07/18	Japan	17	YES	ALLOY STEEL	2018	500.0
BIS-2018-0006-2	NHK of America Suspension Components Inc.	7227906035	Granted	25/07/18	Japan	17.5	YES	ALLOY STEEL	2018	20.0
BIS-2018-0006-2	NHK of America Suspension Components Inc.	7227906035	Granted	25/07/18	Japan	18	YES	ALLOY STEEL	2018	580.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	10/07/18	Japan	14.3	YES	ALLOY BOF	2018	760.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	10/07/18	Japan	14	YES	ALLOY BOF	2018	10.0
BIS-2018-0006-2	NHK of America Suspension Components Inc.	7227906030	Granted	25/07/18	Japan	13.5	YES	ALLOY STEEL	2018	160.0
BIS-2018-0006-2	NHK of America Suspension Components Inc.	7227906035	Granted	25/07/18	Japan	14	YES	ALLOY STEEL	2018	100.0
BIS-2018-0006-2	NHK of America Suspension Components Inc.	7227906030	Granted	25/07/18	Japan	13.4	YES	ALLOY STEEL	2018	10.0
BIS-2018-0006-2	NHK of America Suspension Components Inc.	7227906035	Granted	25/07/18	Japan	8.5	YES	ALLOY STEEL	2018	10.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	10/07/18	Japan	17	YES	ALLOY BOF	2018	10.0
BIS-2018-0006-2	NHK of America Suspension Components Inc.	7227906030	Granted	25/07/18	Japan	12.3	YES	ALLOY STEEL	2018	120.0
BIS-2018-0006-2	NHK of America Suspension Components Inc.	7227906035	Granted	25/07/18	Japan	6	YES	ALLOY STEEL	2018	450.0
BIS-2018-0006-2	NHK of America Suspension Components Inc.	7227906035	Granted	25/07/18	Japan	16.5	YES	ALLOY STEEL	2018	270.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	10/07/18	Japan	5.5	YES	ALLOY BOF	2018	240.0
BIS-2018-0006-2	NHK of America Suspension Components Inc.	7227906035	Granted	25/07/18	Japan	14.5	YES	ALLOY STEEL	2018	100.0
BIS-2018-0006-2	NHK of America Suspension Components Inc.	7227906030	Granted	25/07/18	Japan	13	YES	ALLOY STEEL	2018	270.0
BIS-2018-0006-2	NHK of America Suspension Components Inc.	7227906035	Granted	25/07/18	Japan	5	YES	ALLOY STEEL	2018	470.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	10/07/18	Japan	15	YES	ALLOY STEEL	2018	2,020.0
BIS-2018-0006-1	NHK of America Suspension Components Inc	7227906030	Granted	10/07/18	Japan	13.5	YES	ALLOY STEEL	2018	80.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906040	Granted	10/07/18	Japan	12.3	YES	ALLOY STEEL	2018	10.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	10/07/18	Japan	16.7	YES	ALLOY BOF	2018	180.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	10/07/18	Japan	16	YES	ALLOY BOF	2018	10.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	10/07/18	Japan	15	YES	ALLOY BOF	2018	20.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	10/07/18	Japan	14	YES	ALLOY STEEL	2018	10.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	10/07/18	Japan	18.7	YES	ALLOY BOF	2018	10.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	10/07/18	Japan	18.3	YES	ALLOY STEEL	2018	10.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906040	Granted	10/07/18	Japan	20.3	NO	ALLOY STEEL	2018	300.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	10/07/18	Japan	14.3	YES	ALLOY STEEL	2018	10.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906030	Granted	10/07/18	Japan	13.5	YES	ALLOY BOF	2018	420.0

BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906040	Granted	10/07/18	Japan		19	NO	ALLOY STEEL	2018	900.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	10/07/18	Japan		18	YES	ALLOY BOF	2018	10.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	10/07/18	Japan		16.3	YES	ALLOY STEEL	2018	30.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	10/07/18	Japan		16.7	YES	ALLOY STEEL	2018	1,020.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906040	Granted	10/07/18	Japan		21	NO	ALLOY STEEL	2018	630.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	10/07/18	Japan		5.5	YES	ALLOY STEEL	2018	920.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	10/07/18	Japan		16	YES	ALLOY STEEL	2018	870.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	10/07/18	Japan		17	YES	ALLOY STEEL	2018	1,130.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	10/07/18	Japan		18.7	YES	ALLOY STEEL	2018	210.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	10/07/18	Japan		18	YES	ALLOY STEEL	2018	850.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906040	Granted	10/07/18	Japan		19.5	NO	ALLOY STEEL	2018	570.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906040	Granted	10/07/18	Japan		20	NO	ALLOY STEEL	2018	410.0
BIS-2018-0006-1	The Lincoln Electric Company	7227906020	Granted	17/07/18	Canada	NA		NA	ALLOY BOF	2018	1,000.0
BIS-2018-0006-1	Kiswire Inc	7213913011	Granted	29/05/19	Brazil		5.5	NO	TIRE CORD	2019	10,000.0
BIS-2018-0006-1	Kiswire Pine Bluff	7213913011	Granted	29/05/19	Brazil		5.5	NO	TIRE CORD	2019	8,500.0
BIS-2018-0006-1	Kiswire Pine Bluff	7213913011	Granted	29/05/19	Brazil		6	NO	TIRE CORD	2019	2,500.0
			Granted								
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7213913015		10/08/18	Japan		10.3	YES	CARBON BOF	2018	5.2
BIS-2018-0006-1	Kiswire Inc	7213913011	Granted	29/05/19	Brazil		6	NO	TIRE CORD	2019	5,000.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	28/03/19	Japan		14	YES	ALLOY STEEL	2019	655.9
			Granted	28/03/19	Austria		11	NO	TOOL STEEL	2019	6.2
BIS-2018-0006-1	voestalpine High Performance Metals Corp.	7227901060	Granted	27/06/19	Austria	NA		NO	TOOL STEEL	2019	2.1
			Granted	27/06/19	Austria	NA		NO	TOOL STEEL	2019	2.1
BIS-2018-0006-1	voestalpine High Performance Metals Corp.	7227901060	Granted	27/06/19	Austria		11	NO	TOOL STEEL	2019	6.2
BIS-2018-0006-1	voestalpine High Performance Metals Corp.	7227901060	Granted	09/07/19	Austria		5	NO	TOOL STEEL	2019	5.1
BIS-2018-0006-1	voestalpine High Performance Metals Corp.	7227901060	Granted	09/07/19	Austria		5	NO	TOOL STEEL	2019	5.8
BIS-2018-0006-1	voestalpine High Performance Metals Corp.	7227901060	Granted	09/07/19	Austria		5	NO	TOOL STEEL	2019	4.8
BIS-2018-0006-1	voestalpine High Performance Metals Corp.	7227901060	Granted	09/07/19	Austria		5	NO	TOOL STEEL	2019	6.4
BIS-2018-0006-1	voestalpine High Performance Metals Corp.	7227901060	Granted	09/07/19	Austria		5	NO	TOOL STEEL	2019	2.9
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7213990030	Granted	10/08/18	Japan		17	YES	CARBON BOF	2018	340.9
BIS-2018-0006-1	voestalpine High Performance Metals Corp.	7227901060	Granted	09/07/19	Austria		5	NO	TOOL STEEL	2019	21.1
BIS-2018-0006-1	voestalpine High Performance Metals Corp.	7227901060	Granted	09/07/19	Austria		5	NO	TOOL STEEL	2019	15.7
BIS-2018-0006-1	voestalpine High Performance Metals Corp.	7227901060	Granted	09/07/19	Austria		5	NO	TOOL STEEL	2019	7.7
BIS-2018-0006-1	voestalpine High Performance Metals Corp.	7227901060	Granted	09/07/19	Austria		5	NO	TOOL STEEL	2019	6.7
BIS-2018-0006-1	voestalpine High Performance Metals Corp.	7227901060	Granted	09/07/19	Austria		5.5	NO	TOOL STEEL	2019	3.2
BIS-2018-0006-1	voestalpine High Performance Metals Corp.	7227901060	Granted	09/07/19	Austria		5	NO	TOOL STEEL	2019	2.2
BIS-2018-0006-1	voestalpine High Performance Metals Corp.	7227901060	Granted	09/07/19	Austria		5	NO	TOOL STEEL	2019	4.2

BIS-2018-0006-1	voestalpine High Performance Metals Corp.	7227901060	Granted	09/07/19	Austria	5	NO	TOOL STEEL	2019	3.8
BIS-2018-0006-1	voestalpine High Performance Metals Corp.	7227901060	Granted	09/07/19	Austria	5	NO	TOOL STEEL	2019	8.6
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7213913015	Granted	10/08/18	Japan	6	YES	CARBON BOF	2018	30.1
BIS-2018-0006-1	voestalpine High Performance Metals Corp.	7227901060	Granted	09/07/19	Austria	5	NO	TOOL STEEL	2019	4.5
BIS-2018-0006-1	voestalpine High Performance Metals Corp.	7227901060	Granted	09/07/19	Austria	5	NO	TOOL STEEL	2019	2.9
BIS-2018-0006-1	voestalpine High Performance Metals Corp.	7227901060	Granted	09/07/19	Austria	5	NO	TOOL STEEL	2019	3.8
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7213913015	Granted	10/08/18	Japan	10.3	YES	CARBON BOF	2018	29.2
BIS-2018-0006-1	voestalpine High Performance Metals Corp.	7227901060	Granted	09/07/19	Austria	5	NO	TOOL STEEL	2019	30.1
BIS-2018-0006-1	voestalpine High Performance Metals Corp.	7227901060	Granted	09/07/19	Austria	5	NO	TOOL STEEL	2019	8.0
BIS-2018-0006-1	voestalpine High Performance Metals Corp.	7227901060	Granted	09/07/19	Austria	5	NO	TOOL STEEL	2019	5.8
BIS-2018-0006-1	voestalpine High Performance Metals Corp.	7227901060	Granted	27/06/19	Austria	5.5	NO	TOOL STEEL	2019	3.2
			Granted	27/06/19	Austria	5.5	NO	TOOL STEEL	2019	2.4
BIS-2018-0006-1	voestalpine High Performance Metals Corp.	7227901060	Granted	27/06/19	Austria	5.5	NO	TOOL STEEL	2019	98.4
BIS-2018-0006-1	voestalpine High Performance Metals Corp.	7227901060	Granted	27/06/19	Austria	5.5	NO	TOOL STEEL	2019	20.0
BIS-2018-0006-1	voestalpine High Performance Metals Corp.	7227901060	Granted	27/06/19	Austria	5.5	NO	TOOL STEEL	2019	9.5
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7227906010	Granted	10/08/18	Japan	5.5	YES	MICRO ALLOY BOF	2018	3,560.3
BIS-2018-0006-1	voestalpine High Performance Metals Corp.	7227901060	Granted	27/06/19	Austria	5.5	NO	TOOL STEEL	2019	0.7
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7213913015	Granted	10/08/18	Japan	6	YES	CARBON BOF	2018	435.6
BIS-2018-0006-3	Mount Joy Wire Corporation	7213913093	Granted	15/08/18	Canada	5.5	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	317.5
BIS-2018-0006-3	O&k American Corp	7213913015	Granted	17/05/18	Japan	13	YES	CARBON CHQ	2018	2.6
BIS-2018-0006-7	O&k American Corp	7213913015	Granted	06/11/18	Japan	13	YES	CARBON CHQ	2018	22.6
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7213913015	Granted	10/08/18	Japan	13	YES	CARBON BOF	2018	5.2
BIS-2018-0006-7	O&k American Corp	7213913015	Granted	06/11/18	Japan	8.7	YES	CARBON CHQ	2018	14.1
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	18/04/19	Japan	11.5	YES	CARBON CHQ	2019	21.7
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	18/04/19	Japan	8	YES	CARBON CHQ	2019	21.7
BIS-2018-0006-3	O&k American Corp	7213990030	Granted	17/05/18	Japan	15	YES	CARBON CHQ	2018	1.3
BIS-2018-0006-7	O&k American Corp	7213990030	Granted	06/11/18	Japan	15	YES	CARBON CHQ	2018	14.1
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	18/04/19	Japan	10	YES	CARBON CHQ	2019	20.6
BIS-2018-0006-7	O&k American Corp	7213913015	Granted	07/11/18	Japan	9	YES	CARBON CHQ	2018	14.0
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	06/06/19	Japan	15	YES	CARBON CHQ	2019	102.6
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	06/06/19	Japan	17	YES	CARBON CHQ	2019	44.4
BIS-2018-0006-3	O&k American Corp	7213913015	Granted	17/05/18	Japan	12	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	28.6
BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire In	7227906030	Granted	10/08/18	Japan	9	YES	MICRO ALLOY	2018	144.0
BIS-2018-0006-7	O&k American Corp	7213913015	Granted	02/11/18	Japan	12	YES	CARBON CHQ	2018	296.4
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7213913015	Granted	10/08/18	Japan	12	YES	CARBON BOF	2018	57.3
BIS-2018-0006-3	O&k American Corp	7213913015	Granted	17/05/18	Japan	12.3	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	260.8
BIS-2018-0006-7	O&k American Corp	7213913015	Granted	02/11/18	Japan	12.3	YES	CARBON CHQ	2018	889.1
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7213913015	Granted	10/08/18	Japan	12.3	YES	ALLOY BOF	2018	302.9

BIS-2018-0006-1	O&k American Corp	7213913015	Granted	18/04/19	Japan		13	YES	CARBON CHQ	2019	22.1
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	29/05/19	Japan	NA			ALLOY STEEL	2019	2,500.0
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	29/05/19	Japan	NA			ALLOY STEEL	2019	500.0
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	550.0
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7213913015	Granted	10/08/18	Japan		13.5	YES	CARBON BOF	2018	125.6
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	17/05/18	Japan	NA		NA	ALLOY STEEL	2018	550.0
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	16/04/19	Germany	NA			ALLOY STEEL	2019	1,500.0
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	16/04/19	Germany	NA			ALLOY STEEL	2019	250.0
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	16/05/18	Germany	NA		NA	ALLOY STEEL	2018	250.0
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	16/04/19	Germany	NA			ALLOY STEEL	2019	250.0
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	16/04/19	Germany	NA			ALLOY STEEL	2019	750.0
BIS-2018-0006-6	Suzuki Garphyttan Corporation	7227906030	Granted	15/10/18	Germany	NA		NA	ALLOY STEEL	2018	1,500.0
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	16/05/18	Germany	NA		NA	ALLOY STEEL	2018	466.0
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	17/05/18	Germany	NA		NA	ALLOY STEEL	2018	250.0
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	16/05/18	Germany	NA		NA	ALLOY STEEL	2018	250.0
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7227906010	Granted	10/08/18	Japan		7.5	YES	MICRO ALLOY BOF	2018	1,216.5
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	17/05/18	Germany	NA		NA	ALLOY STEEL	2018	250.0
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7213913015	Granted	10/08/18	Japan		15	YES	CARBON BOF	2018	9.1
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	29/05/19	Germany	NA			ALLOY STEEL	2019	250.0
BIS-2018-0006-155765			Granted	27/06/19	Japan		17	YES	CARBON CHQ	2019	885.0
BIS-2018-0006-1	Vico Products, Co.	7213990060	Granted	27/06/19	Japan		25	NO	CARBON CHQ	2019	885.0
BIS-2018-0006-1	Blue Ridge Metals Corp.	7213990060	Granted	25/06/19	Japan		28	NO	ALLOY STEEL	2019	100.0
BIS-2018-0006-1	Blue Ridge Metals Corp.	7213990060	Granted	17/07/18	Japan		32.5	NO	ALLOY STEEL	2018	650.4
BIS-2018-0006-8	Blue Ridge Metals Corp.	7213990060	Granted	07/06/18	Japan		32.5	NO	ALLOY STEEL	2018	650.4
BIS-2018-0006-9	Blue Ridge Metals Corp.	7213990060	Granted	10/12/18	Japan		38	NO	ALLOY STEEL	2018	650.4
BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire In	7227906030	Granted	10/08/18	Japan		8	YES	MICRO ALLOY	2018	54.0
BIS-2018-0006-6	Blue Ridge Metals Corp.	7213990060	Granted	29/05/18	Japan		19	NO	ALLOY STEEL	2018	1,468.4
BIS-2018-0006-1	Blue Ridge Metals Corp.	7213990060	Granted	17/07/18	Japan		19	NO	ALLOY STEEL	2018	1,468.4
BIS-2018-0006-4	Blue Ridge Metals Corp.	7213990060	Granted	06/09/18	Japan		32.5	NO	ALLOY STEEL	2018	1,468.4
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7227906010	Granted	10/08/18	Japan		9.5	YES	MICRO ALLOY BOF	2018	80.8
BIS-2018-0006-9	Blue Ridge Metals Corp.	7213990060	Granted	10/12/18	Japan		38	NO	ALLOY STEEL	2018	1,468.4
BIS-2018-0006-1	Blue Ridge Metals Corp.	7213990060	Granted	17/07/18	Japan		19	NO	ALLOY STEEL	2018	2,322.0
BIS-2018-0006-8	Blue Ridge Metals Corp.	7213990060	Granted	07/06/18	Japan		25	NO	ALLOY STEEL	2018	2,322.0
BIS-2018-0006-1	The Lincoln Electric Company	7227906020	Granted	17/07/18	Canada	NA		NA	ALLOY BOF	2018	1,000.0
BIS-2018-0006-1	The Lincoln Electric Company	7227906020	Granted	17/07/18	Canada	NA		NA	ALLOY BOF	2018	60.0
BIS-2018-0006-8	Aiken Precision Technologies, LLC	7227905090	Granted	07/06/18	Japan		7.7	YES	SOFT MAGNETIC STEEL	2018	30.0
BIS-2018-0006-8	Aiken Precision Technologies, LLC	7227905090	Granted	07/06/18	Japan		7.8	YES	SOFT MAGNETIC STEEL	2018	10.0
BIS-2018-0006-8	Aiken Precision Technologies, LLC	7227905090	Granted	07/06/18	Japan		8.2	YES	SOFT MAGNETIC STEEL	2018	20.0

BIS-2018-0006-8	Aiken Precision Technologies, LLC	7227905090	Granted	07/06/18	Japan		8.3	YES	SOFT MAGNETIC STEEL	2018	20.0
BIS-2018-0006-8	Aiken Precision Technologies, LLC	7227905090	Granted	07/06/18	Japan		8.8	YES	SOFT MAGNETIC STEEL	2018	16.0
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7213913015	Granted	10/08/18	Japan		11.5	YES	CARBON BOF	2018	48.3
BIS-2018-0006-8	Aiken Precision Technologies, LLC	7227905090	Granted	07/06/18	Japan		9.1	YES	SOFT MAGNETIC STEEL	2018	8.0
BIS-2018-0006-8	Aiken Precision Technologies, LLC	7227905090	Granted	07/06/18	Japan		9.5	YES	SOFT MAGNETIC STEEL	2018	18.0
BIS-2018-0006-1	The ESAB Group Inc.	7213913020	Granted	24/04/19	Canada		5.8	YES	ALLOY STEEL	2019	3,200.0
BIS-2018-0006-1	The Lincoln Electric Company	7227906020	Granted	17/07/18	Canada	NA		NA	ALLOY BOF	2018	1,000.0
BIS-2018-0006-1	The Lincoln Electric Company	7227906020	Granted	17/07/18	Canada	NA		NA	ALLOY BOF	2018	3,000.0
BIS-2018-0006-8	DW National Standard	7227906020	Granted	20/11/18	Canada		4.75	YES	ALLOY STEEL	2018	500.0
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7213913015	Granted	10/08/18	Japan		8	YES	CARBON BOF	2018	13.0
BIS-2018-0006-8	DW National Standard	7227906020	Granted	20/11/18	Canada		5.5	YES	ALLOY STEEL	2018	500.0
BIS-2018-0006-1	The Lincoln Electric Company	7227906020	Granted	17/07/18	Germany	NA		NA	ALLOY BOF	2018	2,000.0
BIS-2018-0006-3	The Lincoln Electric Company	7227906020	Granted	27/08/18	Germany	NA		NA	ALLOY BOF	2018	300.0
BIS-2018-0006-1	The Lincoln Electric Company	7227200030	Granted	26/07/19	Canada	NA			ALLOY BOF	2019	4,000.0
BIS-2018-0006-1	The Lincoln Electric Company	7213913020	Granted	26/07/19	Canada	NA			ALLOY BOF	2019	20,000.0
BIS-2018-0006-1	The Lincoln Electric Company	7227200030	Granted	26/07/19	Germany	NA			ALLOY BOF	2019	1,000.0
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7213913015	Granted	10/08/18	Japan		12.3	YES	CARBON BOF	2018	176.7
BIS-2018-0006-1	The Lincoln Electric Company	7213913020	Granted	26/07/19	Germany	NA			ALLOY BOF	2019	5,000.0
BIS-2018-0006-1	The Lincoln Electric Company	7227200030	Granted	17/07/18	Canada	NA		NA	ALLOY BOF	2018	1,500.0
BIS-2018-0006-1	The Lincoln Electric Company	7227200030	Granted	05/06/19	Canada		15	YES	ALLOY STEEL	2019	68,000.0
BIS-2018-0006-1	The Lincoln Electric Company	7227200030	Granted	17/07/18	Germany	NA		NA	ALLOY BOF	2018	15,000.0
BIS-2018-0006-1	The Lincoln Electric Company	7227200030	Granted	17/07/18	Canada	NA		NA	ALLOY BOF	2018	51,000.0
BIS-2018-0006-1	The Lincoln Electric Company	7227906020	Granted	17/07/18	Canada	NA		NA	ALLOY BOF	2018	1,000.0
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7213990060	Granted	10/08/18	Japan		20	NO	CARBON BOF	2018	1,070.5
BIS-2018-0006-2	Neturen America Corporation	7227906030	Granted	30/07/18	Japan		13	YES	ALLOY STEEL	2018	2.0
BIS-2018-0006-3	Stanley Black & Decker	7213990060	Granted	10/08/18	France		14	YES	ALLOY STEEL	2018	3.2
		7213990060	Granted	10/08/18	Germany		14	NO	FREE MACHINING/CUTTING	2018	3.2
BIS-2018-0006-3	Stanley Black & Decker	7213990060	Granted	10/08/18	France		14	YES	ALLOY STEEL	2018	2.2
		7213990060	Granted	10/08/18	Germany		14	NO	FREE MACHINING/CUTTING	2018	2.2
BIS-2018-0006-3	Stanley Black & Decker	7213990060	Granted	10/08/18	France		14	YES	ALLOY STEEL	2018	1.5
		7213990060	Granted	10/08/18	Germany		14	NO	FREE MACHINING/CUTTING	2018	1.5
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7213990030	Granted	10/08/18	Japan		16	YES	CARBON BOF	2018	264.5
BIS-2018-0006-4	Acument Global Technologies, Inc.	7227906010	Granted	30/08/18	Canada		17.5	YES	ALLOY STEEL	2018	2,600.0
BIS-2018-0006-3	Stanley Black & Decker	7227906040	Granted	10/08/18	France		33.3	NO	FREE MACHINING/CUTTING	2018	11.6
			Granted	10/08/18	Germany		33.3	NO	FREE MACHINING/CUTTING	2018	11.6
BIS-2018-0006-3	Stanley Black & Decker	7227906035	Granted	10/08/18	France		14.2	NO	FREE MACHINING/CUTTING	2018	17.1
		7227906035	Granted	10/08/18	Germany		14.2	NO	FREE MACHINING/CUTTING	2018	17.1
BIS-2018-0006-3	Stanley Black & Decker	7227906035	Granted	10/08/18	France		17.3	NO	FREE MACHINING/CUTTING	2018	8.7

		7227906035	Granted	10/08/18	Germany	17.3	NO	FREE MACHINING/CUTTING	2018	8.7
BIS-2018-0006-3	Stanley Black & Decker	7227906040	Granted	10/08/18	France	39.69	NO	FREE MACHINING/CUTTING	2018	8.3
		7227906040	Granted	10/08/18	Germany	39.69	NO	FREE MACHINING/CUTTING	2018	8.3
BIS-2018-0006-3	Stanley Black & Decker	7227906040	Granted	10/08/18	France	42.86	NO	FREE MACHINING/CUTTING	2018	8.3
		7227906040	Granted	10/08/18	Germany	42.86	NO	FREE MACHINING/CUTTING	2018	8.3
BIS-2018-0006-3	Stanley Black & Decker	7227906040	Granted	10/08/18	France	34.86	NO	FREE MACHINING/CUTTING	2018	15.3
		7227906040	Granted	10/08/18	Germany	34.86	NO	FREE MACHINING/CUTTING	2018	15.3
BIS-2018-0006-3	Stanley Black & Decker	7227906035	Granted	10/08/18	France	14.41	NO	FREE MACHINING/CUTTING	2018	9.5
		7227906035	Granted	10/08/18	Germany	14.41	NO	FREE MACHINING/CUTTING	2018	9.5
BIS-2018-0006-3	Stanley Black & Decker	7227906040	Granted	10/08/18	France	49.2	NO	ALLOY STEEL	2018	6.0
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7227906010	Granted	10/08/18	Japan	10.3	YES	MICRO ALLOY BOF	2018	21.5
		7227906040	Granted	10/08/18	Germany	49.2	NO	FREE MACHINING/CUTTING	2018	6.0
BIS-2018-0006-3	Stanley Black & Decker	7227906040	Granted	10/08/18	France	20.6	NO	ALLOY STEEL	2018	7.3
			Granted	10/08/18	Germany	20.6	NO	FREE MACHINING/CUTTING	2018	7.3
BIS-2018-0006-3	Stanley Black & Decker	7227906040	Granted	10/08/18	France	69.8	NO	ALLOY STEEL	2018	20.0
		7227906040	Granted	10/08/18	Germany	69.8	NO	FREE MACHINING/CUTTING	2018	20.0
BIS-2018-0006-3	Stanley Black & Decker	7227906040	Granted	10/08/18	France	15.8	YES	ALLOY STEEL	2018	4.1
		7227906040	Granted	10/08/18	Germany	15.8	NO	FREE MACHINING/CUTTING	2018	4.1
BIS-2018-0006-3	Stanley Black & Decker	7227906040	Granted	10/08/18	France	19.8	NO	ALLOY STEEL	2018	98.0
		7227906040	Granted	10/08/18	Germany	19.8	NO	FREE MACHINING/CUTTING	2018	98.0
BIS-2018-0006-3	Stanley Black & Decker	7227906040	Granted	10/08/18	France	17.4	YES	ALLOY STEEL	2018	14.6
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7213913015	Granted	10/08/18	Japan	8	YES	CARBON BOF	2018	91.5
		7227906040	Granted	10/08/18	Germany	17.4	NO	FREE MACHINING/CUTTING	2018	14.6
BIS-2018-0006-3	Stanley Black & Decker	7227906040	Granted	10/08/18	France	14.2	YES	ALLOY STEEL	2018	15.4
		7227906040	Granted	10/08/18	Germany	14.2	NO	FREE MACHINING/CUTTING	2018	15.4
BIS-2018-0006-3	Stanley Black & Decker	7227906040	Granted	10/08/18	France	19	NO	ALLOY STEEL	2018	8.0
			Granted	10/08/18	Germany	19	NO	FREE MACHINING/CUTTING	2018	8.0
BIS-2018-0006-2	Dexter Fastener Technologies, Inc.	7227906010	Granted	23/07/18	Japan	13.5	YES	ALLOY STEEL	2018	1,440.0
BIS-2018-0006-0	The Mapes Piano String Company	7213913093	Granted	23/04/18	Japan	5.8	YES	ALLOY STEEL	2018	400.0
BIS-2018-0006-1	The Mapes Piano String Company	7213913093	Granted	23/04/19	Japan	5.8	YES	ALLOY STEEL	2019	1,000.0
BIS-2018-0006-1	Stanley Black & Decker	7213913015	Granted	23/04/19	Canada	9.5	YES	CARBON CHQ	2019	1.3
			Granted	23/04/19	Mexico	9.5	YES	ALLOY STEEL	2019	1.3
BIS-2018-0006-3	Stanley Black & Decker	7213913015	Granted	10/08/18	Canada	7.14	YES	CARBON CHQ	2018	41.5
			Granted	10/08/18	Mexico	7.14	YES	ALLOY STEEL	2018	41.5
BIS-2018-0006-3	Stanley Black & Decker	7227906010	Granted	10/08/18	Canada	11.9	YES	CARBON CHQ	2018	13.0
			Granted	10/08/18	Mexico	11.9	YES	ALLOY STEEL	2018	13.0
BIS-2018-0006-3	Stanley Black & Decker	7227906010	Granted	10/08/18	Canada	18.6	YES	CARBON CHQ	2018	6.2
			Granted	10/08/18	Mexico	18.6	YES	ALLOY STEEL	2018	6.2

BIS-2018-0006-3	Stanley Black & Decker	7213913015	Granted	10/08/18	Canada	5.5	YES	CARBON CHQ	2018	3.3
			Granted	10/08/18	Mexico	5.5	YES	ALLOY STEEL	2018	3.3
BIS-2018-0006-3	Stanley Black & Decker	7213913015	Granted	10/08/18	Canada	10.71	YES	CARBON CHQ	2018	0.8
			Granted	10/08/18	Mexico	10.71	YES	ALLOY STEEL	2018	0.8
BIS-2018-0006-3	Stanley Black & Decker	7213913015	Granted	10/08/18	Canada	9.5	YES	CARBON CHQ	2018	1.5
		7213913015	Granted	10/08/18	Mexico	9.5	YES	ALLOY STEEL	2018	1.5
BIS-2018-0006-3	Stanley Black & Decker	7213913015	Granted	10/08/18	Canada	13.4	YES	CARBON CHQ	2018	3.3
			Granted	10/08/18	Mexico	13.4	YES	ALLOY STEEL	2018	3.3
BIS-2018-0006-3	Stanley Black & Decker	7213913015	Granted	10/08/18	Canada	11.1	YES	CARBON CHQ	2018	0.6
			Granted	10/08/18	Mexico	11.1	YES	ALLOY STEEL	2018	0.6
BIS-2018-0006-3	Stanley Black & Decker	7213913015	Granted	10/08/18	Canada	6.35	YES	CARBON CHQ	2018	2.1
			Granted	10/08/18	Mexico	6.35	YES	ALLOY STEEL	2018	2.1
BIS-2018-0006-3	Stanley Black & Decker	7213913015	Granted	10/08/18	Canada	13.4	YES	CARBON CHQ	2018	3.3
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7227906010	Granted	10/08/18	Japan	5.5	YES	MICRO ALLOY BOF	2018	257.7
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7227906010	Granted	10/08/18	Japan	9.5	YES	MICRO ALLOY BOF	2018	531.5
			Granted	10/08/18	Mexico	13.4	YES	ALLOY STEEL	2018	3.3
BIS-2018-0006-3	Stanley Black & Decker	7227906010	Granted	10/08/18	Canada	11.9	YES	CARBON CHQ	2018	13.0
			Granted	10/08/18	Mexico	11.9	YES	ALLOY STEEL	2018	13.0
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7213913015	Granted	10/08/18	Japan	13	YES	CARBON BOF	2018	122.6
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7227906010	Granted	10/08/18	Japan	10.3	YES	MICRO ALLOY BOF	2018	2.6
BIS-2018-0006-3	Stanley Black & Decker	7213913015	Granted	10/08/18	Canada	7.14	YES	CARBON CHQ	2018	0.1
			Granted	10/08/18	Mexico	7.14	YES	ALLOY STEEL	2018	0.1
BIS-2018-0006-3	Stanley Black & Decker	7213913015	Granted	10/08/18	Canada	9.5	YES	CARBON CHQ	2018	72.3
			Granted	10/08/18	Mexico	9.5	YES	ALLOY STEEL	2018	72.3
BIS-2018-0006-3	Stanley Black & Decker	7227906010	Granted	10/08/18	Canada	5.5	YES	CARBON CHQ	2018	211.1
BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	10/08/18	Japan	7	YES	CARBON CHQ	2018	72.0
		7227906010	Granted	10/08/18	Mexico	5.5	YES	ALLOY STEEL	2018	211.1
BIS-2018-0006-3	Stanley Black & Decker	7213913015	Granted	10/08/18	Canada	7.9	YES	CARBON CHQ	2018	0.7
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7213990030	Granted	10/08/18	Japan	14	YES	CARBON BOF	2018	22.0
		7213913015	Granted	10/08/18	Mexico	7.9	YES	ALLOY STEEL	2018	0.7
BIS-2018-0006-3	Stanley Black & Decker	7213913015	Granted	10/08/18	Canada	10.7	YES	CARBON CHQ	2018	0.8
		7213913015	Granted	10/08/18	Mexico	10.7	YES	ALLOY STEEL	2018	0.8
BIS-2018-0006-3	Stanley Black & Decker	7213913015	Granted	10/08/18	Canada	7.9	YES	CARBON CHQ	2018	4.1
		7213913015	Granted	10/08/18	Mexico	7.9	YES	ALLOY STEEL	2018	4.1
BIS-2018-0006-3	Stanley Black & Decker	7213913015	Granted	10/08/18	Canada	10.3	YES	CARBON CHQ	2018	2.6
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7227906010	Granted	10/08/18	Japan	7.5	YES	MICRO ALLOY BOF	2018	97.6
			Granted	10/08/18	Mexico	10.3	YES	ALLOY STEEL	2018	2.6
BIS-2018-0006-3	Stanley Black & Decker	7213913015	Granted	10/08/18	Canada	10.3	YES	CARBON CHQ	2018	410.0

			Granted	10/08/18	Mexico	10.3	YES	ALLOY STEEL	2018	410.0
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7213913015	Granted	10/08/18	Japan	7.5	YES	CARBON BOF	2018	11.4
BIS-2018-0006-3	Stanley Black & Decker	7213913015	Granted	10/08/18	Canada	11.9	YES	CARBON CHQ	2018	1.3
		7213913015	Granted	10/08/18	Mexico	11.9	YES	ALLOY STEEL	2018	1.3
BIS-2018-0006-3	Stanley Black & Decker	7227906010	Granted	10/08/18	Canada	19	NO	CARBON CHQ	2018	2.3
		7227906010	Granted	10/08/18	Mexico	19	NO	ALLOY STEEL	2018	2.3
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7213990060	Granted	10/08/18	Japan	24	NO	CARBON BOF	2018	2,207.5
BIS-2018-0006-3	Stanley Black & Decker	7227906010	Granted	10/08/18	Canada	11.1	YES	CARBON CHQ	2018	2.1
		7227906010	Granted	10/08/18	Mexico	11.1	YES	ALLOY STEEL	2018	2.1
BIS-2018-0006-3	Stanley Black & Decker	7213913015	Granted	10/08/18	Canada	7.9	YES	CARBON CHQ	2018	1.3
		7213913015	Granted	10/08/18	Mexico	7.9	YES	ALLOY STEEL	2018	1.3
BIS-2018-0006-3	Stanley Black & Decker	7227906010	Granted	10/08/18	Canada	14	YES	CARBON CHQ	2018	1.9
		7227906010	Granted	10/08/18	Mexico	14	YES	ALLOY STEEL	2018	1.9
BIS-2018-0006-3	Stanley Black & Decker	7227906010	Granted	10/08/18	Canada	10.7	YES	CARBON CHQ	2018	3.0
BIS-2018-0006-6	Acument Global Technologies, Inc.	7213913015	Granted	10/10/18	Canada	9.25	YES	CARBON CHQ	2018	600.0
BIS-2018-0006-6	Acument Global Technologies, Inc.	7213913015	Granted	10/10/18	Canada	6.5	YES	CARBON CHQ	2018	500.0
BIS-2018-0006-6	Acument Global Technologies, Inc.	7213913015	Granted	10/10/18	Canada	12	YES	CARBON CHQ	2018	150.0
BIS-2018-0006-6	Cold Heading Company	7213913015	Granted	10/10/18	Canada	6.3	YES	CARBON CHQ	2018	84.8
BIS-2018-0006-6	Acument Global Technologies, Inc.	7213990060	Granted	10/10/18	Canada	5	YES	CARBON CHQ	2018	2,000.0
BIS-2018-0006-6	Acument Global Technologies, Inc.	7213913015	Granted	10/10/18	Canada	5.7	YES	CARBON CHQ	2018	1,500.0
		7227906010	Granted	10/10/18	Mexico	10.7	YES	ALLOY STEEL	2018	3.0
BIS-2018-0006-3	Stanley Black & Decker	7213913015	Granted	10/08/18	Canada	9.5	YES	CARBON CHQ	2018	2.9
BIS-2018-0006-9	Blue Ridge Metals Corp.	7213990060	Granted	11/12/18	Japan	39	NO	CARBON CHQ	2018	240.0
BIS-2018-0006-9	Blue Ridge Metals Corp.	7213990060	Granted	11/12/18	Japan	23	NO	CARBON CHQ	2018	60.0
BIS-2018-0006-9	Blue Ridge Metals Corp.	7213990060	Granted	11/12/18	Japan	26	NO	CARBON CHQ	2018	24.0
BIS-2018-0006-9	Blue Ridge Metals Corp.	7213990060	Granted	11/12/18	Japan	30	NO	CARBON CHQ	2018	24.0
		7213913015	Granted	11/12/18	Mexico	9.5	YES	ALLOY STEEL	2018	2.9
BIS-2018-0006-3	Stanley Black & Decker	7213990090	Granted	10/08/18	Canada	22.2	NO	CARBON CHQ	2018	0.7
BIS-2018-0006-1	Metal One America, Inc.	7227906035	Granted	01/04/19	Japan	15	YES	ALLOY BOF	2019	450.0
BIS-2018-0006-1	Erasteel Inc	7227902060	Granted	01/04/19	Sweden	8.5	NO	TOOL STEEL	2019	3.1
BIS-2018-0006-1	Metal One America, Inc.	7227906035	Granted	01/04/19	Japan	5.5	YES	ALLOY BOF	2019	1,275.0
		7213990090	Granted	01/04/19	Mexico	22.2	NO	ALLOY STEEL	2019	0.7
BIS-2018-0006-3	Stanley Black & Decker	7213913015	Granted	10/08/18	Canada	7.9	YES	CARBON CHQ	2018	460.0
BIS-2018-0006-1	Nippon Steel & Sumikin Cold Heading Wire In	7213990060	Granted	01/05/19	Japan	30	NO	CARBON CHQ	2019	324.0
		7213913015	Granted	01/05/19	Mexico	7.9	YES	ALLOY STEEL	2019	460.0
BIS-2018-0006-3	Stanley Black & Decker	7213913015	Granted	10/08/18	Canada	5.5	YES	CARBON CHQ	2018	210.0
		7213913015	Granted	10/08/18	Mexico	5.5	YES	ALLOY STEEL	2018	210.0
BIS-2018-0006-1	Nippon Steel & Sumikin Cold Heading Wire In	7213990030	Granted	01/05/19	Japan	18	YES	CARBON CHQ	2019	324.0

BIS-2018-0006-3	Stanley Black & Decker	7227906010	Granted	10/08/18	Canada	15.8	YES	CARBON CHQ	2018	22.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	01/07/19	Japan	24	NO	CARBON CHQ	2019	100.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213990060	Granted	01/07/19	Japan	20	NO	CARBON CHQ	2019	126.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	01/07/19	Japan	19	NO	CARBON CHQ	2019	2,000.4
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	01/07/19	Japan	26	NO	CARBON CHQ	2019	300.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	01/07/19	Japan	13.5	YES	CARBON CHQ	2019	1,406.4
BIS-2018-0006-1	Nelson Steel Products Inc.	7213914500	Granted	01/07/19	Canada	4.75	YES	CARBON STEEL	2019	2,000.0
		7227906010	Granted	01/07/19	Mexico	15.8	YES	ALLOY STEEL	2019	22.0
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	01/07/19	Japan	15	YES	CARBON CHQ	2019	1,713.8
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	01/07/19	Japan	18	YES	CARBON CHQ	2019	730.4
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213990060	Granted	01/07/19	Japan	19	NO	CARBON CHQ	2019	380.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	01/07/19	Japan	25	NO	CARBON CHQ	2019	265.3
BIS-2018-0006-1	Nelson Steel Products Inc.	7213914500	Granted	01/07/19	Canada	4.75	YES	CARBON STEEL	2019	2,000.0
BIS-2018-0006-1	Nelson Steel Products Inc.	7213914500	Granted	01/07/19	Canada	4.75	YES	CARBON STEEL	2019	2,000.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	01/07/19	Japan	12.7	YES	CARBON CHQ	2019	266.2
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	01/07/19	Japan	16.3	YES	CARBON CHQ	2019	892.1
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213913015	Granted	01/07/19	Japan	11.5	YES	CARBON CHQ	2019	26.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213990060	Granted	01/07/19	Japan	28	NO	CARBON CHQ	2019	38.0
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	01/07/19	Japan	15.5	YES	CARBON CHQ	2019	135.8
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	01/07/19	Japan	17.5	YES	CARBON CHQ	2019	99.5
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	02/07/19	Japan	10.3	YES	CARBON CHQ	2019	86.7
BIS-2018-0006-3	Stanley Black & Decker	7227906010	Granted	10/08/18	Canada	20.6	NO	CARBON CHQ	2018	1.5
		7227906010	Granted	10/08/18	Mexico	20.6	NO	ALLOY STEEL	2018	1.5
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	02/07/19	Japan	12.3	YES	CARBON CHQ	2019	676.5
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	02/07/19	Japan	11.5	YES	CARBON CHQ	2019	1,179.7
BIS-2018-0006-3	Stanley Black & Decker	7213913015	Granted	10/08/18	Canada	9.5	YES	CARBON CHQ	2018	30.0
		7213913015	Granted	10/08/18	Mexico	9.5	YES	ALLOY STEEL	2018	30.0
BIS-2018-0006-3	Stanley Black & Decker	7213990090	Granted	10/08/18	Canada	23	NO	CARBON CHQ	2018	35.0
		7213990090	Granted	10/08/18	Mexico	23	NO	ALLOY STEEL	2018	35.0
BIS-2018-0006-3	Stanley Black & Decker	7227906010	Granted	10/08/18	Canada	12.3	YES	CARBON CHQ	2018	15.0
		7227906010	Granted	10/08/18	Mexico	12.3	YES	ALLOY STEEL	2018	15.0
BIS-2018-0006-3	Stanley Black & Decker	7227906010	Granted	10/08/18	Canada	16.6	YES	CARBON CHQ	2018	13.1
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	03/05/19	Japan	11.5	YES	MICRO ALLOY	2019	72.0
		7227906010	Granted	03/05/19	Mexico	16.6	YES	ALLOY STEEL	2019	13.1
BIS-2018-0006-3	Stanley Black & Decker	7213990030	Granted	10/08/18	Canada	15.8	YES	CARBON CHQ	2018	18.5
		7213990030	Granted	10/08/18	Mexico	15.8	YES	ALLOY STEEL	2018	18.5
BIS-2018-0006-3	Stanley Black & Decker	7213990030	Granted	10/08/18	Canada	14	YES	CARBON CHQ	2018	19.0
		7213990030	Granted	10/08/18	Mexico	14	YES	ALLOY STEEL	2018	19.0

BIS-2018-0006-1	O&k American Corp	7227906010	Granted	03/05/19	Japan	7.5	YES	MICRO ALLOY	2019	1,216.0
BIS-2018-0006-3	Stanley Black & Decker	7213990030	Granted	10/08/18	Canada	17.4	YES	CARBON CHQ	2018	1.3
		7213990030	Granted	10/08/18	Mexico	17.4	YES	ALLOY STEEL	2018	1.3
BIS-2018-0006-3	Stanley Black & Decker	7227906010	Granted	10/08/18	Canada	13.8	YES	CARBON CHQ	2018	2.3
		7227906010	Granted	10/08/18	Mexico	13.8	YES	ALLOY STEEL	2018	2.3
BIS-2018-0006-3	Stanley Black & Decker	7227906010	Granted	10/08/18	Canada	13.4	YES	CARBON CHQ	2018	1.8
		7227906010	Granted	10/08/18	Mexico	13.4	YES	ALLOY STEEL	2018	1.8
BIS-2018-0006-3	Stanley Black & Decker	7227906010	Granted	10/08/18	Canada	7.5	YES	CARBON CHQ	2018	0.6
		7227906010	Granted	10/08/18	Mexico	7.5	YES	ALLOY STEEL	2018	0.6
BIS-2018-0006-3	Stanley Black & Decker	7227906010	Granted	10/08/18	Canada	17.4	YES	CARBON CHQ	2018	0.6
			Granted	10/08/18	Mexico	17.4	YES	ALLOY STEEL	2018	0.6
BIS-2018-0006-3	Stanley Black & Decker	7227906010	Granted	10/08/18	Canada	6.35	YES	CARBON CHQ	2018	1.2
			Granted	10/08/18	Mexico	6.35	YES	ALLOY STEEL	2018	1.2
BIS-2018-0006-3	Stanley Black & Decker	7213913015	Granted	10/08/18	Canada	7.937	YES	CARBON CHQ	2018	130.0
		7213913015	Granted	10/08/18	Mexico	7.9	YES	ALLOY STEEL	2018	130.0
BIS-2018-0006-3	Stanley Black & Decker	7227906010	Granted	10/08/18	Canada	13.4	YES	CARBON CHQ	2018	18.0
		7227906010	Granted	10/08/18	Mexico	13.4	YES	ALLOY STEEL	2018	18.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	03/05/19	Japan	26	NO	MICRO ALLOY	2019	260.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	03/05/19	Japan	13.5	YES	MICRO ALLOY	2019	64.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	03/05/19	Japan	13.5	YES	MICRO ALLOY	2019	240.0
BIS-2018-0006-3	Stanley Black & Decker	7213990030	Granted	10/08/18	Canada	16.6	YES	CARBON CHQ	2018	0.6
		7213990030	Granted	10/08/18	Mexico	16.6	YES	ALLOY STEEL	2018	0.6
BIS-2018-0006-3	Stanley Black & Decker	7227906010	Granted	10/08/18	Canada	10.3	YES	CARBON CHQ	2018	13.0
		7227906010	Granted	10/08/18	Mexico	10.3	YES	ALLOY STEEL	2018	13.0
BIS-2018-0006-3	Stanley Black & Decker	7227906010	Granted	10/08/18	Canada	10.3	YES	CARBON CHQ	2018	30.1
		7227906010	Granted	10/08/18	Mexico	10.3	YES	ALLOY STEEL	2018	30.1
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	03/05/19	Japan	5.5	YES	MICRO ALLOY	2019	3,560.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	03/05/19	Japan	21	NO	MICRO ALLOY	2019	5.0
BIS-2018-0006-3	Stanley Black & Decker	7213913015	Granted	10/08/18	Canada	9.5	YES	CARBON CHQ	2018	467.0
		7213913015	Granted	10/08/18	Mexico	9.5	YES	ALLOY STEEL	2018	467.0
BIS-2018-0006-3	Stanley Black & Decker	7227906010	Granted	10/08/18	Canada	7.1	YES	CARBON CHQ	2018	0.7
		7227906010	Granted	10/08/18	Mexico	7.1	YES	ALLOY STEEL	2018	0.7
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	03/05/19	Japan	14	YES	MICRO ALLOY	2019	46.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	03/05/19	Japan	13	YES	MICRO ALLOY	2019	4.0
BIS-2018-0006-3	Stanley Black & Decker	7227906010	Granted	10/08/18	Canada	11.1	YES	CARBON CHQ	2018	12.0
		7227906010	Granted	10/08/18	Mexico	11.1	YES	ALLOY STEEL	2018	12.0
BIS-2018-0006-3	Stanley Black & Decker	7213913015	Granted	10/08/18	Canada	7.14	YES	CARBON CHQ	2018	11.5
		7213913015	Granted	10/08/18	Mexico	7.14	YES	ALLOY STEEL	2018	11.5

BIS-2018-0006-1	O&k American Corp	7227906010	Granted	03/05/19	Japan	12.3	YES	MICRO ALLOY	2019	187.0
BIS-2018-0006-3	Stanley Black & Decker	7213913015	Granted	10/08/18	Canada	6.35	YES	CARBON CHQ	2018	5.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	03/05/19	Japan	9.5	YES	MICRO ALLOY	2019	532.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	03/05/19	Japan	8.3	YES	MICRO ALLOY	2019	555.0
BIS-2018-0006-1	Emerald Steel Processing	7227906010	Granted	03/06/19	Canada	11	YES	MICRO ALLOY	2019	2,880.0
			Granted	03/06/19	Mexico	6.35	YES	ALLOY STEEL	2019	5.0
BIS-2018-0006-3	Stanley Black & Decker	7213913015	Granted	10/08/18	Canada	11.9	YES	CARBON CHQ	2018	8.0
			Granted							
BIS-2018-0006-1	O&k American Corp	7213990060		05/06/19	Japan	25	NO	CARBON CHQ	2019	810.7
			Granted							
BIS-2018-0006-1	O&k American Corp	7213913015		05/06/19	Japan	10.3	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	241.8
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	05/06/19	Japan	12.7	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	44.4
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	05/06/19	Japan	6	YES	CARBON CHQ	2019	2,200.8
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	05/06/19	Japan	18	YES	CARBON CHQ	2019	1,521.3
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	05/06/19	Japan	15.5	YES	CARBON CHQ	2019	572.8
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	05/06/19	Japan	16.3	YES	CARBON CHQ	2019	2,876.3
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	05/06/19	Japan	24	NO	CARBON CHQ	2019	846.9
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	05/06/19	Japan	10.3	YES	CARBON CHQ	2019	101.8
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	05/06/19	Japan	15	YES	CARBON CHQ	2019	2,787.6
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	05/06/19	Japan	19	NO	CARBON STEEL (DEACERO CAN MAKE)	2019	1,270.1
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	05/06/19	Japan	13	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	281.6
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213990060	Granted	05/06/19	Japan	32	NO	CARBON CHQ	2019	360.0

BIS-2018-0006-1	O&k American Corp	7213990030	Granted	05/06/19	Japan	16	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	2,116.2
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	05/06/19	Japan	17	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	44.4
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213990030	Granted	05/06/19	Japan	16	YES	CARBON CHQ	2019	96.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	05/06/19	Japan	10.3	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	366.9
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	05/06/19	Japan	15.5	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	3,775.3
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	05/06/19	Japan	11.5	YES	CARBON CHQ	2019	1,926.9
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	05/06/19	Japan	5.5	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	122.6
		7213913015	Granted	05/06/19	Mexico	11.9	YES	ALLOY STEEL	2019	8.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	05/06/19	Japan	10	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	520.1
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	05/06/19	Japan	19	NO	CARBON CHQ	2019	508.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	05/06/19	Japan	11.5	YES	CARBON CHQ	2019	2,602.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	05/06/19	Japan	12.3	YES	CARBON CHQ	2019	1,656.5
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	05/06/19	Japan	18	YES	CARBON CHQ	2019	2,141.4
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	05/06/19	Japan	18	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	830.8
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	05/06/19	Japan	13	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	44.4
BIS-2018-0006-3	Stanley Black & Decker	7213913015	Granted	10/08/18	Canada	12.7	YES	CARBON CHQ	2018	3.4
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	05/06/19	Japan	13.5	YES	CARBON CHQ	2019	2,518.8
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	05/06/19	Japan	12.3	YES	CARBON CHQ	2019	997.8
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	05/06/19	Japan	9.5	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	685.7
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	05/06/19	Japan	10.3	YES	CARBON CHQ	2019	340.0
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	05/06/19	Japan	17	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	2,070.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	05/06/19	Japan	23	NO	CARBON CHQ	2019	6,568.9
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	05/06/19	Japan	11	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	70.2
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	05/06/19	Japan	6.4	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	44.4
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	05/06/19	Japan	11.5	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	54.9
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	05/06/19	Japan	22	NO	CARBON CHQ	2019	1,029.4
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	05/06/19	Japan	19	NO	CARBON CHQ	2019	2,513.6
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	05/06/19	Japan	21	NO	CARBON CHQ	2019	2,113.5
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	05/06/19	Japan	7.5	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	382.6
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	05/06/19	Japan	17.5	YES	CARBON CHQ	2019	44.8
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	05/06/19	Japan	12.7	YES	CARBON CHQ	2019	1,104.3
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	05/06/19	Japan	19	NO	CARBON CHQ	2019	4,111.1
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	05/06/19	Japan	17	YES	CARBON CHQ	2019	3,911.1
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	06/05/19	Japan	38	NO	CARBON CHQ	2019	56.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	06/05/19	Japan	13.5	YES	CARBON CHQ	2019	6.0
		7213913015	Granted	06/05/19	Mexico	12.7	YES	ALLOY STEEL	2019	3.4
BIS-2018-0006-3	Stanley Black & Decker	7213913015	Granted	10/08/18	Canada	11.9	YES	CARBON CHQ	2018	1.3
		7213913015	Granted	10/08/18	Mexico	11.9	YES	ALLOY STEEL	2018	1.3

BIS-2018-0006-3	Stanley Black & Decker	7227906010	Granted	10/08/18	Canada		12.7	YES	CARBON CHQ	2018	18.0
		7227906010	Granted	10/08/18	Mexico		12.7	YES	ALLOY STEEL	2018	18.0
BIS-2018-0006-3	Stanley Black & Decker	7227906010	Granted	10/08/18	Canada		5.5	YES	CARBON CHQ	2018	9.5
		7227906010	Granted	10/08/18	Mexico		5.5	YES	ALLOY STEEL	2018	9.5
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	06/05/19	Japan		10.3	YES	CARBON CHQ	2019	90.0
BIS-2018-0006-3	Stanley Black & Decker	7213990030	Granted	10/08/18	Canada		5	YES	CARBON CHQ	2018	8.5
		7213990030	Granted	10/08/18	Mexico		5	YES	ALLOY STEEL	2018	8.5
BIS-2018-0006-1	Honda Trading America Corporation	7227906040	Granted	01/05/19	Japan		42.3	NO	ALLOY STEEL	2019	800.0
BIS-2018-0006-1	Honda Trading America Corporation	7227906040	Granted	17/07/19	Japan		48	NO	ALLOY STEEL	2019	1,000.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	06/05/19	Japan		11	YES	CARBON CHQ	2019	19.0
BIS-2018-0006-2	DENSO Manufacturing Tennesse, Inc	7213990060	Granted	19/07/18	Japan		46	NO	ALLOY STEEL	2018	11,000.0
BIS-2018-0006-2	DENSO Manufacturing Tennesse, Inc	7213990060	Granted	19/07/18	Japan		34	NO	ALLOY STEEL	2018	80.0
BIS-2018-0006-0	Kanematsu USA Inc.	7227906030	Granted	25/04/18	Japan	NA		NA	ALLOY STEEL	2018	500.0
BIS-2018-0006-0	Kanematsu USA Inc.	7227906030	Granted	25/04/18	Japan	NA		NA	ALLOY STEEL	2018	500.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	06/05/19	Japan		20	NO	CARBON CHQ	2019	1,071.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	06/05/19	Japan		20	NO	CARBON CHQ	2019	100.0
BIS-2018-0006-0	Kanematsu USA Inc.	7227906030	Granted	25/04/18	Japan	NA		NA	ALLOY STEEL	2018	500.0
BIS-2018-0006-1	Kanematsu USA Inc.	7227906030	Granted	31/05/19	Japan	NA			ALLOY STEEL	2019	1,000.0
BIS-2018-0006-1	Kanematsu USA Inc.	7227906030	Granted	31/05/19	Japan	NA			ALLOY STEEL	2019	1,000.0
BIS-2018-0006-1	Kanematsu USA Inc.	7227906030	Granted	18/06/19	Japan	NA			ALLOY STEEL	2019	1,000.0
BIS-2018-0006-0	Kanematsu USA Inc.	7227906030	Granted	25/04/18	Japan	NA		NA	ALLOY STEEL	2018	550.0
BIS-2018-0006-0	Kanematsu USA Inc.	7227906030	Granted	25/04/18	Japan	NA		NA	ALLOY STEEL	2018	1,300.0
BIS-2018-0006-1	Kanematsu USA Inc.	7227906030	Granted	31/05/19	Japan	NA			ALLOY STEEL	2019	2,500.0
BIS-2018-0006-1	Kanematsu USA Inc.	7227906030	Granted	18/06/19	Japan	NA			ALLOY STEEL	2019	500.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	06/05/19	Japan		13	YES	CARBON CHQ	2019	79.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	06/05/19	Japan		7.5	YES	CARBON CHQ	2019	83.0
BIS-2018-0006-0	Kanematsu USA Inc.	7227906030	Granted	25/04/18	Japan	NA		NA	ALLOY STEEL	2018	1,300.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	06/05/19	Japan		24	NO	CARBON CHQ	2019	2,207.0
BIS-2018-0006-0	Kanematsu USA Inc.	7227906030	Granted	25/04/18	Japan	NA		NA	ALLOY STEEL	2018	675.0
BIS-2018-0006-0	Kanematsu USA Inc.	7227906030	Granted	25/04/18	Japan	NA		NA	ALLOY STEEL	2018	635.0
BIS-2018-0006-1	Kanematsu USA Inc.	7227906030	Granted	31/05/19	Japan	NA			ALLOY STEEL	2019	635.0
BIS-2018-0006-1	Kanematsu USA Inc.	7227906030	Granted	31/05/19	Japan	NA			ALLOY STEEL	2019	675.0
BIS-2018-0006-1	Kanematsu USA Inc.	7227906030	Granted	31/05/19	Japan	NA			ALLOY STEEL	2019	1,300.0
BIS-2018-0006-3	O&k American Corp	7213990060	Granted	18/05/18	Japan		21	NO	CARBON STEEL (DEACERO CAN MAKE)	2018	48.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	11/04/19	Japan		21	NO	CARBON STEEL (DEACERO CAN MAKE)	2019	1,208.0
BIS-2018-0006-1	Blue Ridge Metals Corp.	7227906040	Granted	16/07/18	Japan		19	NO	ALLOY STEEL	2018	1,015.6
BIS-2018-0006-6	Blue Ridge Metals Corp.	7227906040	Granted	29/05/18	Japan		25	NO	ALLOY STEEL	2018	1,015.6
BIS-2018-0006-1	Blue Ridge Metals Corp.	7227906040	Granted	17/07/18	Japan		25	NO	ALLOY STEEL	2018	1,015.6

BIS-2018-0006-1	O&k American Corp	7213913015	Granted	06/05/19	Japan	13.5	YES	CARBON CHQ	2019	25.0
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	06/05/19	Japan	16	YES	CARBON CHQ	2019	270.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213913015	Granted	06/05/19	Japan	16	YES	CARBON CHQ	2019	48.0
BIS-2018-0006-1	Erasteel Inc	7227902060	Granted	31/05/19	Sweden	14	YES	ALLOY STEEL	2019	1.3
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/05/19	Japan	7.5	YES	ALLOY STEEL	2019	117.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	06/05/19	Japan	10	YES	CARBON CHQ	2019	213.0
			Granted	06/05/19	Sweden	14	NO	TOOL STEEL	2019	1.3
			Granted	06/05/19	France	14	NO	TOOL STEEL	2019	1.3
			Granted	06/05/19	France	14	NO	TOOL STEEL	2019	1.3
			Granted	06/05/19	France	14	NO	TOOL STEEL	2019	1.3
BIS-2018-0006-1	Erasteel Inc	7227902060	Granted	31/05/19	Sweden	20.3	NO	ALLOY STEEL	2019	1.6
			Granted	31/05/19	Sweden	20.3	NO	TOOL STEEL	2019	1.6
			Granted	31/05/19	France	20.3	NO	TOOL STEEL	2019	1.6
			Granted	31/05/19	France	20.3	NO	TOOL STEEL	2019	1.6
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	06/05/19	Japan	10.3	YES	CARBON CHQ	2019	62.0
			Granted	06/05/19	France	20.3	NO	TOOL STEEL	2019	1.6
BIS-2018-0006-9	Erasteel Inc	7227902060	Granted	19/12/18	Sweden	6	YES	ALLOY STEEL	2018	200.0
BIS-2018-0006-6	Blue Ridge Metals Corp.	7227906040	Granted	29/05/18	Japan	19	NO	ALLOY STEEL	2018	95.0
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	06/05/19	Japan	17	YES	CARBON CHQ	2019	177.0
BIS-2018-0006-1	Blue Ridge Metals Corp.	7227906040	Granted	31/05/19	Japan	19	NO	ALLOY STEEL	2019	95.0
BIS-2018-0006-1	Blue Ridge Metals Corp.	7227906040	Granted	17/07/18	Japan	19	NO	ALLOY STEEL	2018	95.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	06/05/19	Japan	11.5	YES	ALLOY STEEL	2019	45.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	06/05/19	Japan	12.3	YES	ALLOY STEEL	2019	90.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	06/05/19	Japan	13	YES	CARBON CHQ	2019	123.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	06/05/19	Japan	13.5	YES	ALLOY STEEL	2019	60.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	06/05/19	Japan	21	NO	ALLOY STEEL	2019	96.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	06/05/19	Japan	7.5	YES	ALLOY STEEL	2019	90.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	06/05/19	Japan	8.7	YES	ALLOY STEEL	2019	18.0
BIS-2018-0006-4	Rightway Fasteners Inc.	7227906010	Granted	31/08/18	Japan	11.5	YES	ALLOY STEEL	2018	36.0
BIS-2018-0006-4	Rightway Fasteners Inc.	7227906010	Granted	31/08/18	Japan	12.3	YES	ALLOY STEEL	2018	156.0
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	06/05/19	Japan	15	YES	CARBON CHQ	2019	72.0
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	06/05/19	Japan	17	YES	CARBON CHQ	2019	491.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/05/19	Japan	21	NO	MICRO ALLOY (DEACERO CAN MAKE)	2019	78.4
BIS-2018-0006-4	Rightway Fasteners Inc.	7227906010	Granted	31/08/18	Japan	13.5	YES	ALLOY STEEL	2018	60.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	06/05/19	Japan	8	YES	CARBON CHQ	2019	91.0
BIS-2018-0006-4	Rightway Fasteners Inc.	7227906010	Granted	31/08/18	Japan	21	NO	ALLOY STEEL	2018	96.0
BIS-2018-0006-4	Rightway Fasteners Inc.	7227906010	Granted	31/08/18	Japan	7.5	YES	ALLOY STEEL	2018	84.0
BIS-2018-0006-4	Rightway Fasteners Inc.	7227906010	Granted	31/08/18	Japan	8.7	YES	ALLOY STEEL	2018	18.0

BIS-2018-0006-1	O&k American Corp	7213990060	Granted	06/05/19	Japan	38	NO	CARBON CHQ	2019	176.0
BIS-2018-0006-1	Metal One America, Inc.	7227906010	Granted	30/05/19	Japan	8.5	YES	ALLOY STEEL	2019	72.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/05/19	Japan	9.5	YES	ALLOY STEEL	2019	108.0
BIS-2018-0006-1	Metal One America, Inc.	7227906010	Granted	30/05/19	Japan	8	YES	ALLOY STEEL	2019	360.0
BIS-2018-0006-1	Metal One America, Inc.	7227906010	Granted	30/05/19	Japan	12	YES	ALLOY STEEL	2019	144.0
BIS-2018-0006-1	Metal One America, Inc.	7227906010	Granted	30/05/19	Japan	10.5	YES	ALLOY STEEL	2019	1,260.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	06/05/19	Japan	9	YES	CARBON CHQ	2019	67.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	06/05/19	Japan	6	YES	CARBON CHQ	2019	536.0
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	06/05/19	Japan	16	YES	CARBON CHQ	2019	264.0
BIS-2018-0006-1	Metal One America, Inc.	7227906010	Granted	30/05/19	Japan	7	YES	ALLOY STEEL	2019	18.0
BIS-2018-0006-1	Metal One America, Inc.	7227906010	Granted	30/05/19	Japan	9.5	YES	ALLOY STEEL	2019	2,340.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213990060	Granted	30/05/19	Japan	48	NO	ALLOY STEEL	2019	202.0
BIS-2018-0006-1	Metal One America, Inc.	7227906010	Granted	30/05/19	Japan	5.7	YES	ALLOY STEEL	2019	1,980.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	06/05/19	Japan	9.5	YES	CARBON CHQ	2019	221.0
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	06/05/19	Japan	15.5	YES	CARBON CHQ	2019	1,087.0
BIS-2018-0006-1	Metal One America, Inc.	7227906010	Granted	09/05/19	Japan	12	YES	ALLOY STEEL	2019	144.0
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	06/05/19	Japan	18	YES	CARBON CHQ	2019	257.0
BIS-2018-0006-1	Metal One America, Inc.	7227906010	Granted	09/05/19	Japan	8.5	YES	ALLOY STEEL	2019	72.0
BIS-2018-0006-1	Metal One America, Inc.	7227906010	Granted	09/05/19	Japan	9.5	YES	ALLOY STEEL	2019	2,340.0
BIS-2018-0006-1	Metal One America, Inc.	7227906010	Granted	09/05/19	Japan	7	YES	ALLOY STEEL	2019	18.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	06/05/19	Japan	33	NO	CARBON CHQ	2019	4.5
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/05/19	Japan	9.5	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	31.6
BIS-2018-0006-1	Metal One America, Inc.	7227906010	Granted	09/05/19	Japan	10.5	YES	ALLOY STEEL	2019	1,260.0
BIS-2018-0006-1	Metal One America, Inc.	7227906010	Granted	09/05/19	Japan	8	YES	ALLOY STEEL	2019	360.0
BIS-2018-0006-1	Metal One America, Inc.	7227906010	Granted	09/05/19	Japan	5.7	YES	ALLOY STEEL	2019	1,980.0
BIS-2018-0006-1	Topura America Fastener, Inc.	7227906010	Granted	10/06/19	Japan	5.7	YES	ALLOY STEEL	2019	1,499.8
BIS-2018-0006-1	Topura America Fastener, Inc.	7227906010	Granted	10/06/19	Japan	7	YES	ALLOY STEEL	2019	1.7
BIS-2018-0006-1	Topura America Fastener, Inc.	7227906010	Granted	10/06/19	Japan	8.5	YES	ALLOY STEEL	2019	40.8
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	06/05/19	Japan	12.7	YES	CARBON CHQ	2019	4.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	06/05/19	Japan	27	NO	CARBON CHQ	2019	187.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	06/05/19	Japan	5.5	YES	CARBON CHQ	2019	14.0
BIS-2018-0006-1	Topura America Fastener, Inc.	7227906010	Granted	10/06/19	Japan	8	YES	ALLOY STEEL	2019	194.7
BIS-2018-0006-1	Topura America Fastener, Inc.	7227906010	Granted	10/06/19	Japan	9.5	YES	ALLOY STEEL	2019	1,542.6
BIS-2018-0006-1	Topura America Fastener, Inc.	7227906010	Granted	10/06/19	Japan	10.5	YES	ALLOY STEEL	2019	73.7
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	06/05/19	Japan	10.7	YES	CARBON CHQ	2019	26.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	06/05/19	Japan	11	YES	CARBON CHQ	2019	122.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	06/05/19	Japan	20.3	NO	CARBON CHQ	2019	768.0
BIS-2018-0006-1	Topura America Fastener, Inc.	7227906010	Granted	10/06/19	Japan	12	YES	ALLOY STEEL	2019	823.8

BIS-2018-0006-3	O&k American Corp	7227906010	Granted	18/05/18	Japan	21	NO	ALLOY STEEL	2018	1.4
BIS-2018-0006-7	O&k American Corp	7227906010	Granted	07/11/18	Japan	21	NO	ALLOY STEEL	2018	14.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	11.5	YES	ALLOY STEEL	2019	190.9
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	12.3	YES	ALLOY STEEL	2019	447.3
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	13.5	YES	ALLOY STEEL	2019	269.2
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	14	YES	ALLOY STEEL	2019	212.4
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	14.3	YES	ALLOY STEEL	2019	113.6
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	26	NO	ALLOY STEEL	2019	2,524.5
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	5.5	YES	ALLOY STEEL	2019	11,370.4
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	06/05/19	Japan	7	YES	CARBON CHQ	2019	121.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	06/05/19	Japan	12	YES	CARBON CHQ	2019	295.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	5.5	YES	ALLOY STEEL	2019	17,021.6
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	06/05/19	Japan	20.3	NO	CARBON CHQ	2019	44.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	7.5	YES	ALLOY STEEL	2019	4,045.3
BIS-2018-0006-1	Bekaert Corporation	7213913011	Granted	06/05/19	Japan	5.5	NO	TIRE CORD	2019	30.7
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/05/19	Japan	12	YES	ALLOY STEEL	2019	291.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	7.5	YES	ALLOY STEEL	2019	4,470.2
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	8.3	YES	ALLOY STEEL	2019	2,538.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	9.5	YES	ALLOY STEEL	2019	1,194.5
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	9.5	YES	ALLOY STEEL	2019	2,061.0
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	18/05/18	Japan	11.5	YES	ALLOY STEEL	2018	1.2
BIS-2018-0006-7	O&k American Corp	7227906010	Granted	06/11/18	Japan	11.5	YES	ALLOY STEEL	2018	14.1
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	17/04/19	Japan	12.3	YES	ALLOY STEEL	2019	20.8
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	17/04/19	Japan	9	YES	ALLOY STEEL	2019	20.3
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	06/05/19	Japan	11	YES	ALLOY STEEL	2019	40.0
BIS-2018-0006-4	Rightway Fasteners Inc.	7227906010	Granted	31/08/18	Japan	11	YES	ALLOY STEEL	2018	36.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/05/19	Japan	20	NO	MICRO ALLOY (DEACERO CAN MAKE)	2019	1,055.9
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	17/04/19	Japan	12.3	YES	CARBON CHQ	2019	287.8
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	17/04/19	Japan	13	YES	CARBON CHQ	2019	21.9
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/05/19	Japan	13	YES	ALLOY STEEL	2019	6.0
BIS-2018-0006-1	Takako America Co., Inc.	7227906090	Granted	07/06/19	Japan	27	NO	ALLOY STEEL	2019	12.0
			Granted	07/06/19	Japan	27	NO	ALLOY STEEL	2019	12.0
BIS-2018-0006-1	Takako America Co., Inc.	7227906090	Granted	07/06/19	Japan	19	NO	ALLOY STEEL	2019	16.5
		7227906090	Granted	07/06/19	Japan	19	NO	ALLOY STEEL	2019	16.5
BIS-2018-0006-1	Takako America Co., Inc.	7227906090	Granted	07/06/19	Japan	24	NO	ALLOY STEEL	2019	16.5
		7227906090	Granted	07/06/19	Japan	24	NO	ALLOY STEEL	2019	16.5
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	31/05/19	Japan	7	YES	CARBON CHQ	2019	324.0
BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	17/08/18	Japan	7	YES	CARBON CHQ	2018	324.0

BIS-2018-0006-5	Indiana Automotive Fasteners Inc.	7213916000	Granted	24/05/18	Japan	11.5	YES	ALLOY BOF	2018	376.0
BIS-2018-0006-5	Indiana Automotive Fasteners Inc.	7213916000	Granted	24/05/18	Japan	6.5	YES	ALLOY BOF	2018	286.0
BIS-2018-0006-5	Indiana Automotive Fasteners Inc.	7213916000	Granted	24/05/18	Japan	6.5	YES	ALLOY BOF	2018	286.0
BIS-2018-0006-5	Indiana Automotive Fasteners Inc.	7213916000	Granted	24/05/18	Japan	9	YES	ALLOY BOF	2018	294.0
BIS-2018-0006-1	Bekaert Corporation	7213913011	Granted	06/05/19	Japan	5.5	NO	TIRE CORD	2019	55,000.0
BIS-2018-0006-5	Indiana Automotive Fasteners Inc.	7213916000	Granted	24/05/18	Japan	9	YES	ALLOY BOF	2018	294.0
BIS-2018-0006-1	Indiana Automotive Fasteners Inc.	7213916000	Granted	16/07/18	Japan	10.5	YES	CARBON BOF	2018	681.0
BIS-2018-0006-1	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	05/07/18	Japan	10.5	YES	CARBON CHQ	2018	681.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	31/05/19	Japan	10.5	YES	CARBON CHQ	2019	681.0
BIS-2018-0006-1	Indiana Automotive Fasteners Inc.	7213916000	Granted	16/07/18	Japan	6	YES	CARBON BOF	2018	1,509.0
BIS-2018-0006-1	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	05/07/18	Japan	6	YES	CARBON CHQ	2018	1,509.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	31/05/19	Japan	6	YES	CARBON CHQ	2019	1,509.0
BIS-2018-0006-1	Indiana Automotive Fasteners Inc.	7213916000	Granted	16/07/18	Japan	8.3	YES	CARBON BOF	2018	441.0
BIS-2018-0006-1	Beta Steel, LLC	7213913015	Granted	06/06/19	Canada	13	YES	CARBON CHQ	2019	275.0
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	06/06/19	Japan	17.5	YES	CARBON CHQ	2019	205.3
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	06/06/19	Japan	10.3	YES	CARBON CHQ	2019	456.2
BIS-2018-0006-1	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	05/07/18	Japan	8.3	YES	CARBON CHQ	2018	441.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	31/05/19	Japan	8.3	YES	CARBON CHQ	2019	441.0
BIS-2018-0006-1	Beta Steel, LLC	7213913015	Granted	06/06/19	Canada	13.5	YES	CARBON CHQ	2019	48.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	14/06/19	Japan	12	YES	CARBON CHQ	2019	18.0
BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	10/08/18	Japan	12	YES	CARBON CHQ	2018	18.0
BIS-2018-0006-1	Indiana Automotive Fasteners Inc.	7213916000	Granted	16/07/18	Japan	6.5	YES	CARBON BOF	2018	10.0
BIS-2018-0006-1	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	05/07/18	Japan	6.5	YES	CARBON CHQ	2018	10.0
BIS-2018-0006-1	POSCO AAPC LLC	7227902030	Granted	06/06/19	South Korea	NA	NO	BALL BEARING STEEL	2019	150.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	31/05/19	Japan	6.5	YES	CARBON CHQ	2019	50.0
			Granted							
BIS-2018-0006-1	Beta Steel, LLC	7213913015		06/06/19	Canada	7.5	YES	CARBON CHQ	2019	595.0
BIS-2018-0006-1	Indiana Automotive Fasteners Inc.	7213916000	Granted	16/07/18	Japan	9	YES	CARBON BOF	2018	10.0
BIS-2018-0006-1	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	05/07/18	Japan	9	YES	CARBON CHQ	2018	10.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	06/06/19	Japan	20.3	NO	CARBON CHQ	2019	1,889.3
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	31/05/19	Japan	9	YES	CARBON CHQ	2019	50.0
BIS-2018-0006-1	Indiana Automotive Fasteners Inc.	7213916000	Granted	16/07/18	Japan	10.3	YES	CARBON BOF	2018	313.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	14.3	YES	ALLOY STEEL	2019	2,847.5
BIS-2018-0006-1	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	05/07/18	Japan	10.3	YES	CARBON BOF	2018	313.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	06/06/19	Japan	19	NO	CARBON STEEL (DEACERO CAN MAKE)	2019	206.5
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	06/06/19	Japan	10.7	YES	CARBON CHQ	2019	116.7
BIS-2018-0006-1	POSCO AAPC LLC	7227902030	Granted	06/06/19	South Korea	NA	NO	BALL BEARING STEEL	2019	144.0

BIS-2018-0006-1	Beta Steel, LLC	7213913015	Granted	06/06/19	Canada	9	YES	CARBON CHQ	2019	206.0
BIS-2018-0006-1	POSCO AAPC LLC	7227901060	Granted	06/06/19	South Korea NA		NO	BALL BEARING STEEL	2019	747.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	31/05/19	Japan	10.3	YES	CARBON BOF	2019	313.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	9.5	YES	ALLOY STEEL	2019	574.6
BIS-2018-0006-1	Indiana Automotive Fasteners Inc.	7213916000	Granted	16/07/18	Japan	6	YES	CARBON BOF	2018	168.0
BIS-2018-0006-1	POSCO AAPC LLC	7227901060	Granted	06/06/19	South Korea NA		NO	BALL BEARING STEEL	2019	1,512.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	21	NO	MICRO ALLOY (DEACERO CAN MAKE)	2019	44.4
BIS-2018-0006-1	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	05/07/18	Japan	6	YES	CARBON BOF	2018	168.0
BIS-2018-0006-1	POSCO AAPC LLC	7227901060	Granted	06/06/19	South Korea NA		NO	BALL BEARING STEEL	2019	52.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	06/06/19	Japan	8	YES	CARBON CHQ	2019	421.8
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	31/05/19	Japan	6	YES	CARBON BOF	2019	250.0
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	06/06/19	Japan	15	YES	CARBON CHQ	2019	459.5
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	06/06/19	Japan	11	YES	CARBON CHQ	2019	349.7
BIS-2018-0006-1	Indiana Automotive Fasteners Inc.	7213916000	Granted	16/07/18	Japan	8.3	YES	CARBON BOF	2018	124.0
BIS-2018-0006-1	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	05/07/18	Japan	8.3	YES	CARBON BOF	2018	124.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	06/06/19	Japan	13	YES	CARBON CHQ	2019	495.1
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	06/06/19	Japan	13	YES	CARBON CHQ	2019	206.3
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	06/06/19	Japan	20.3	NO	CARBON STEEL (DEACERO CAN MAKE)	2019	2,923.6
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	31/05/19	Japan	8.3	YES	CARBON BOF	2019	124.0
BIS-2018-0006-1	Indiana Automotive Fasteners Inc.	7213916000	Granted	16/07/18	Japan	10.3	YES	CARBON BOF	2018	170.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	12	YES	ALLOY STEEL	2019	1,164.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	06/06/19	Japan	24	NO	CARBON CHQ	2019	7,111.5
BIS-2018-0006-1	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	05/07/18	Japan	10.3	YES	CARBON BOF	2018	170.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	31/05/19	Japan	10.3	YES	CARBON BOF	2019	170.0
BIS-2018-0006-1	Indiana Automotive Fasteners Inc.	7213916000	Granted	16/07/18	Japan	12.5	YES	CARBON BOF	2018	29.0
BIS-2018-0006-1	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	05/07/18	Japan	12.5	YES	CARBON BOF	2018	29.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	31/05/19	Japan	12.5	YES	CARBON BOF	2019	50.0
BIS-2018-0006-5	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	23/05/18	Japan	5.7	YES	CARBON CHQ	2018	628.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	7.5	YES	ALLOY STEEL	2019	1,258.4
BIS-2018-0006-5	Indiana Automotive Fasteners Inc.	7213916000	Granted	24/05/18	Japan	5.7	YES	CARBON BOF	2018	628.0
BIS-2018-0006-5	Indiana Automotive Fasteners Inc.	7213916000	Granted	24/05/18	Japan	5.7	YES	CARBON BOF	2018	628.0
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	06/06/19	Japan	16	YES	CARBON CHQ	2019	1,264.4
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	31/05/19	Japan	5.7	YES	CARBON CHQ	2019	628.0
BIS-2018-0006-1	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	29/03/19	Japan	5.7	YES	CARBON CHQ	2019	837.3
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	06/06/19	Japan	24	NO	CARBON CHQ	2019	6,730.5
BIS-2018-0006-5	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	23/05/18	Japan	7.65	YES	CARBON CHQ	2018	144.0
BIS-2018-0006-1	POSCO AAPC LLC	7227902030	Granted	06/06/19	South Korea NA		NO	BALL BEARING STEEL	2019	330.0
BIS-2018-0006-1	Beta Steel, LLC	7213913015	Granted	06/06/19	Canada	7.5	YES	CARBON CHQ	2019	107.0

BIS-2018-0006-5	Indiana Automotive Fasteners Inc.	7213916000	Granted	24/05/18	Japan	7.65	YES	CARBON BOF	2018	144.0
BIS-2018-0006-5	Indiana Automotive Fasteners Inc.	7213916000	Granted	24/05/18	Japan	7.65	YES	CARBON BOF	2018	144.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	31/05/19	Japan	7.65	YES	CARBON CHQ	2019	144.0
BIS-2018-0006-1	POSCO AAPC LLC	7227901060	Granted	06/06/19	South Korea	NA	NO	BALL BEARING STEEL	2019	1,054.0
BIS-2018-0006-1	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	29/03/19	Japan	7.65	YES	CARBON CHQ	2019	192.0
BIS-2018-0006-1	Beta Steel, LLC	7213913015	Granted	06/06/19	Canada	8.5	YES	CARBON CHQ	2019	200.0
BIS-2018-0006-5	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	23/05/18	Japan	8.7	YES	CARBON CHQ	2018	10.0
BIS-2018-0006-1	Beta Steel, LLC	7213913015	Granted	06/06/19	Canada	7	YES	CARBON CHQ	2019	51.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	06/06/19	Japan	19	NO	CARBON STEEL (DEACERO CAN MAKE)	2019	191.4
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	06/06/19	Japan	13.5	YES	CARBON CHQ	2019	296.5
BIS-2018-0006-5	Indiana Automotive Fasteners Inc.	7213916000	Granted	24/05/18	Japan	8.7	YES	CARBON BOF	2018	10.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	06/06/19	Japan	20	NO	CARBON CHQ	2019	5,185.0
BIS-2018-0006-5	Indiana Automotive Fasteners Inc.	7213916000	Granted	24/05/18	Japan	8.7	YES	CARBON BOF	2018	10.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	31/05/19	Japan	8.7	YES	CARBON CHQ	2019	50.0
BIS-2018-0006-1	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	29/03/19	Japan	8.7	YES	CARBON CHQ	2019	48.0
BIS-2018-0006-5	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	23/05/18	Japan	9.75	YES	CARBON CHQ	2018	10.0
BIS-2018-0006-5	Indiana Automotive Fasteners Inc.	7213916000	Granted	24/05/18	Japan	9.75	YES	CARBON BOF	2018	10.0
BIS-2018-0006-5	Indiana Automotive Fasteners Inc.	7213916000	Granted	24/05/18	Japan	9.75	YES	CARBON BOF	2018	10.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	06/06/19	Japan	9.5	YES	CARBON CHQ	2019	591.2
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	31/05/19	Japan	9.75	YES	CARBON CHQ	2019	50.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	06/06/19	Japan	12	YES	CARBON CHQ	2019	1,495.8
BIS-2018-0006-1	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	29/03/19	Japan	9.75	YES	CARBON CHQ	2019	13.3
BIS-2018-0006-5	Indiana Automotive Fasteners Inc.	7213916000	Granted	24/05/18	Japan	10	YES	CARBON BOF	2018	665.0
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	06/06/19	Japan	17	YES	CARBON CHQ	2019	821.9
BIS-2018-0006-5	Indiana Automotive Fasteners Inc.	7213916000	Granted	24/05/18	Japan	10	YES	CARBON BOF	2018	665.0
BIS-2018-0006-1	POSCO AAPC LLC	7227902030	Granted	06/06/19	South Korea	NA	NO	BALL BEARING STEEL	2019	738.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	13	YES	ALLOY STEEL	2019	1,496.7
BIS-2018-0006-1	POSCO AAPC LLC	7227902030	Granted	06/06/19	South Korea	NA	NO	BALL BEARING STEEL	2019	118.0
BIS-2018-0006-1	POSCO AAPC LLC	7227902030	Granted	06/06/19	South Korea	NA	NO	BALL BEARING STEEL	2019	1,178.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	06/06/19	Japan	24	NO	CARBON CHQ	2019	3,471.1
BIS-2018-0006-1	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	05/07/18	Japan	10	YES	CARBON CHQ	2018	665.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	31/05/19	Japan	10	YES	CARBON CHQ	2019	665.0
BIS-2018-0006-1	Indiana Automotive Fasteners Inc.	7213916000	Granted	16/07/18	Japan	12	YES	CARBON BOF	2018	87.0
BIS-2018-0006-1	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	05/07/18	Japan	12	YES	CARBON CHQ	2018	87.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	31/05/19	Japan	12	YES	CARBON CHQ	2019	87.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	31/05/19	Japan	11.5	YES	CARBON CHQ	2019	324.0
BIS-2018-0006-9	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	14/12/18	Japan	11.5	YES	CARBON CHQ	2018	324.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213990060	Granted	14/06/19	Japan	28	NO	CARBON CHQ	2019	432.0

BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire In	7213990060	Granted	23/08/18	Japan	28	NO	CARBON CHQ	2018	432.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213990060	Granted	14/06/19	Japan	24	NO	CARBON CHQ	2019	118.8
BIS-2018-0006-9	Nippon Steel & Sumikin Cold Heading Wire In	7213990060	Granted	17/12/18	Japan	24	NO	CARBON CHQ	2018	118.8
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213990060	Granted	14/06/19	Japan	6.4	YES	CARBON CHQ	2019	144.0
BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire In	7213990060	Granted	23/08/18	Japan	6.4	YES	CARBON CHQ	2018	144.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213990060	Granted	14/06/19	Japan	32	NO	CARBON CHQ	2019	290.3
BIS-2018-0006-9	Nippon Steel & Sumikin Cold Heading Wire In	7213990060	Granted	17/12/18	Japan	32	NO	CARBON CHQ	2018	290.3
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	31/05/19	Japan	12	YES	CARBON CHQ	2019	108.0
BIS-2018-0006-9	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	17/12/18	Japan	12	YES	CARBON CHQ	2018	108.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	31/05/19	Japan	7	YES	CARBON CHQ	2019	324.0
BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	17/08/18	Japan	7	YES	CARBON CHQ	2018	324.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	31/05/19	Japan	9	YES	CARBON CHQ	2019	324.0
BIS-2018-0006-1	POSCO AAPC LLC	7227906040	Granted	07/06/19	South Korea	28	NO	ALLOY BOF	2019	390.0
BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire In	7227906030	Granted	17/08/18	Japan	9	YES	CARBON CHQ	2018	324.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	31/05/19	Japan	11	YES	ALLOY STEEL	2019	432.0
BIS-2018-0006-9	Nippon Steel & Sumikin Cold Heading Wire In	7227906030	Granted	17/12/18	Japan	11	YES	ALLOY STEEL	2018	432.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906035	Granted	31/05/19	Japan	14	YES	ALLOY STEEL	2019	144.0
BIS-2018-0006-1	Nippon Steel & Sumikin Cold Heading Wire In	7227906035	Granted	20/06/19	Japan	14	YES	ALLOY STEEL	2019	144.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906040	Granted	14/06/19	Japan	25	NO	ALLOY STEEL	2019	684.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	07/06/19	Japan	27	NO	CARBON CHQ	2019	44.4
BIS-2018-0006-1	POSCO AAPC LLC	7227901060	Granted	07/06/19	South Korea	NA	NO	BALL BEARING STEEL	2019	924.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	07/06/19	Japan	33	NO	CARBON CHQ	2019	519.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	07/06/19	Japan	7	YES	CARBON CHQ	2019	1,409.5
BIS-2018-0006-1	POSCO AAPC LLC	7227901060	Granted	07/06/19	South Korea	NA	NO	BALL BEARING STEEL	2019	51.0
BIS-2018-0006-1	POSCO AAPC LLC	7227901060	Granted	07/06/19	South Korea	NA	NO	BALL BEARING STEEL	2019	142.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	07/06/19	Japan	23	NO	CARBON CHQ	2019	924.5
BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire In	7227906040	Granted	23/08/18	Japan	25	NO	ALLOY STEEL	2018	684.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	07/06/19	Japan	27	NO	CARBON CHQ	2019	3,740.4
BIS-2018-0006-1	POSCO AAPC LLC	7227906040	Granted	07/06/19	South Korea	25	NO	ALLOY BOF	2019	240.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	07/06/19	Japan	13.5	YES	CARBON CHQ	2019	43.9
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	07/06/19	Japan	9	YES	CARBON CHQ	2019	1,345.4
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	07/06/19	Japan	32	NO	CARBON CHQ	2019	1,597.9
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906040	Granted	14/06/19	Japan	7.5	YES	ALLOY STEEL	2019	576.0
BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire In	7227906040	Granted	23/08/18	Japan	7.5	YES	ALLOY STEEL	2018	576.0
BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire In	7227906030	Granted	17/08/18	Japan	13.5	YES	ALLOY STEEL	2018	324.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	07/06/19	Japan	38	NO	CARBON CHQ	2019	2,460.5
BIS-2018-0006-1	Metal One America, Inc.	7227906010	Granted	08/05/19	Japan	12.5	YES	MICRO ALLOY CHQ	2019	360.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	08/05/19	Japan	15.5	YES	MICRO ALLOY	2019	36.0

BIS-2018-0006-1	Metal One America, Inc.	7227906010	Granted	08/05/19	Japan	5.5	YES	MICRO ALLOY CHQ	2019	3,960.0
BIS-2018-0006-1	Metal One America, Inc.	7227906010	Granted	08/05/19	Japan	14.5	YES	MICRO ALLOY CHQ	2019	288.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	08/05/19	Japan	29	NO	CARBON CHQ	2019	216.2
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	08/05/19	Japan	14.3	YES	MICRO ALLOY	2019	528.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	31/05/19	Japan	7.5	YES	ALLOY STEEL	2019	324.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	08/05/19	Japan	11.5	YES	MICRO ALLOY	2019	32.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	08/05/19	Japan	7.5	YES	MICRO ALLOY	2019	108.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	08/05/19	Japan	8.3	YES	MICRO ALLOY	2019	302.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	08/05/19	Japan	14.3	YES	MICRO ALLOY	2019	3,696.0
BIS-2018-0006-4	Nippon Steel & Sumikin Cold Heading Wire In	7227906030	Granted	13/09/18	Japan	7.5	YES	ALLOY STEEL	2018	324.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	08/05/19	Japan	12.7	YES	MICRO ALLOY	2019	1,428.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	08/05/19	Japan	11.5	YES	MICRO ALLOY	2019	2,704.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	08/05/19	Japan	10.7	YES	MICRO ALLOY	2019	2,598.0
BIS-2018-0006-1	Metal One America, Inc.	7227906010	Granted	08/05/19	Japan	12	YES	MICRO ALLOY CHQ	2019	20.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	08/05/19	Japan	8.7	YES	MICRO ALLOY	2019	248.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	08/05/19	Japan	35	NO	CARBON CHQ	2019	186.4
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	08/05/19	Japan	32	NO	CARBON CHQ	2019	1,127.5
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	08/05/19	Japan	9.5	YES	MICRO ALLOY	2019	704.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	31/05/19	Japan	13.5	YES	ALLOY STEEL	2019	2,160.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	08/05/19	Japan	25	NO	CARBON CHQ	2019	26.7
BIS-2018-0006-1	Metal One America, Inc.	7227906010	Granted	08/05/19	Japan	6.7	YES	MICRO ALLOY CHQ	2019	72.0
BIS-2018-0006-1	Nippon Steel & Sumikin Cold Heading Wire Ir	7227906030	Granted	01/05/19	Japan	13.5	YES	ALLOY STEEL	2019	2,160.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	08/05/19	Japan	9.5	YES	MICRO ALLOY	2019	1,842.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	08/05/19	Japan	13.5	YES	MICRO ALLOY	2019	92.0
BIS-2018-0006-1	Metal One America, Inc.	7227906010	Granted	08/05/19	Japan	8.3	YES	MICRO ALLOY CHQ	2019	360.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906035	Granted	31/05/19	Japan	15.5	YES	ALLOY STEEL	2019	180.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	08/05/19	Japan	27	NO	CARBON CHQ	2019	765.5
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	08/05/19	Japan	38	NO	CARBON CHQ	2019	1,420.9
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	08/05/19	Japan	10.5	YES	MICRO ALLOY	2019	440.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	08/05/19	Japan	8.7	YES	MICRO ALLOY	2019	1,634.0
BIS-2018-0006-1	Metal One America, Inc.	7227906010	Granted	08/05/19	Japan	7.4	YES	MICRO ALLOY CHQ	2019	720.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	08/05/19	Japan	12.5	YES	MICRO ALLOY	2019	2,344.0
BIS-2018-0006-1	Metal One America, Inc.	7227906010	Granted	08/05/19	Japan	9.5	YES	MICRO ALLOY	2019	72.0
BIS-2018-0006-1	Nippon Steel & Sumikin Cold Heading Wire In	7227906035	Granted	01/05/19	Japan	15.5	YES	ALLOY STEEL	2019	180.0
BIS-2018-0006-1	Metal One America, Inc.	7227906010	Granted	08/05/19	Japan	7.5	YES	MICRO ALLOY	2019	576.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	08/05/19	Japan	33	NO	CARBON CHQ	2019	26.5
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	31/05/19	Japan	13.5	YES	ALLOY STEEL	2019	324.0
BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire In	7227906030	Granted	17/08/18	Japan	13.5	YES	ALLOY STEEL	2018	324.0

BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906040	Granted	14/06/19	Japan	5	YES	ALLOY STEEL	2019	324.0
BIS-2018-0006-1	Nippon Steel & Sumikin Cold Heading Wire In	7227906040	Granted	12/03/19	Japan	5	YES	ALLOY STEEL	2019	324.0
BIS-2018-0006-1	MNP CORPORATION	7227906010	Granted	08/07/19	Canada	13.5	YES	MICRO ALLOY	2019	387.3
BIS-2018-0006-1	MNP CORPORATION	7213913093	Granted	08/07/19	Canada	6.5	YES	CARBON CHQ	2019	865.9
BIS-2018-0006-1	MNP CORPORATION	7213913093	Granted	08/07/19	Canada	11	YES	CARBON CHQ	2019	77.7
BIS-2018-0006-1	MNP CORPORATION	7227906010	Granted	08/07/19	Canada	11.5	YES	MICRO ALLOY	2019	2,386.6
BIS-2018-0006-1	MNP CORPORATION	7227906010	Granted	08/07/19	Canada	16.7	YES	MICRO ALLOY	2019	1,326.4
BIS-2018-0006-1	MNP CORPORATION	7227906010	Granted	08/07/19	Canada	12	YES	MICRO ALLOY	2019	209.9
BIS-2018-0006-1	MNP CORPORATION	7227906010	Granted	08/07/19	Canada	13.5	YES	ALLOY STEEL	2019	4.3
BIS-2018-0006-1	MNP CORPORATION	7227906010	Granted	08/07/19	Canada	14.7	YES	MICRO ALLOY	2019	2,539.5
BIS-2018-0006-1	MNP CORPORATION	7227906010	Granted	08/07/19	Canada	9.5	YES	MICRO ALLOY	2019	1,513.7
BIS-2018-0006-1	MNP CORPORATION	7213913093	Granted	08/07/19	Canada	13	YES	ALLOY STEEL (MEXICO CAN MAKE)	2019	440.1
BIS-2018-0006-1	MNP CORPORATION	7213913093	Granted	08/07/19	Canada	11	YES	ALLOY STEEL (MEXICO CAN MAKE)	2019	111.8
BIS-2018-0006-1	MNP CORPORATION	7213913093	Granted	08/07/19	Canada	11	YES	CARBON CHQ	2019	10.5
BIS-2018-0006-1	MNP CORPORATION	7227906010	Granted	08/07/19	Canada	12.7	YES	MICRO ALLOY	2019	73.1
BIS-2018-0006-1	MNP CORPORATION	7227906010	Granted	08/07/19	Canada	19.4	NO	MICRO ALLOY	2019	135.5
BIS-2018-0006-1	MNP CORPORATION	7227906010	Granted	08/07/19	Canada	7.5	YES	MICRO ALLOY	2019	2,422.7
BIS-2018-0006-1	MNP CORPORATION	7227906010	Granted	08/07/19	Canada	13.5	YES	MICRO ALLOY	2019	2,250.9
BIS-2018-0006-1	MNP CORPORATION	7227906010	Granted	08/07/19	Canada	11	YES	MICRO ALLOY	2019	1,449.3
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906040	Granted	14/06/19	Japan	32	NO	CARBON CHQ	2019	612.0
BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire In	7227906040	Granted	23/08/18	Japan	32	NO	CARBON CHQ	2018	612.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213990060	Granted	14/06/19	Japan	32.5	NO	CARBON CHQ	2019	160.0
BIS-2018-0006-8	Nippon Steel & Sumikin Cold Heading Wire In	7213990060	Granted	03/12/18	Japan	32.5	NO	CARBON CHQ	2018	160.0
BIS-2018-0006-1	MNP CORPORATION	7213913093	Granted	08/07/19	Japan	6.5	YES	CARBON CHQ	2019	2,500.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213990060	Granted	14/06/19	Japan	24	NO	CARBON CHQ	2019	35.3
BIS-2018-0006-1	MNP CORPORATION	7227906010	Granted	08/07/19	Canada	10.5	YES	MICRO ALLOY	2019	369.7
BIS-2018-0006-9	Nippon Steel & Sumikin Cold Heading Wire In	7213990060	Granted	17/12/18	Japan	24	NO	CARBON CHQ	2018	35.3
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	31/05/19	Japan	11.9	YES	CARBON CHQ	2019	48.0
BIS-2018-0006-1	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	30/04/19	Japan	11.9	YES	CARBON CHQ	2019	48.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	31/05/19	Japan	13	YES	CARBON CHQ	2019	24.0
BIS-2018-0006-1	MNP CORPORATION	7227906010	Granted	08/07/19	Canada	19.4	NO	MICRO ALLOY	2019	40.9
BIS-2018-0006-1	MNP CORPORATION	7227906010	Granted	08/07/19	Canada	14.7	YES	MICRO ALLOY	2019	750.3
BIS-2018-0006-1	MNP CORPORATION	7227906010	Granted	08/07/19	Canada	16.7	YES	MICRO ALLOY	2019	214.2
BIS-2018-0006-1	MNP CORPORATION	7227906010	Granted	08/07/19	Canada	18.6	YES	MICRO ALLOY	2019	4.5
BIS-2018-0006-1	MNP CORPORATION	7213913093	Granted	08/07/19	Canada	12	YES	CARBON CHQ	2019	27.2
BIS-2018-0006-1	MNP CORPORATION	7213913093	Granted	08/07/19	Canada	7.5	YES	CARBON CHQ	2019	491.9
BIS-2018-0006-1	MNP CORPORATION	7213990030	Granted	08/07/19	Canada	15	YES	ALLOY STEEL (MEXICO CAN MAKE)	2019	98.9
BIS-2018-0006-1	MNP CORPORATION	7227906035	Granted	08/07/19	Canada	17.9	YES	ALLOY STEEL	2019	477.0

BIS-2018-0006-1	MNP CORPORATION	7213913093	Granted	08/07/19	Canada	12.5	YES	ALLOY STEEL (MEXICO CAN MAKE)	2019	167.8
BIS-2018-0006-1	MNP CORPORATION	7213913093	Granted	08/07/19	Canada	7.5	YES	CARBON CHQ	2019	1,889.0
BIS-2018-0006-1	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	30/04/19	Japan	13	YES	CARBON CHQ	2019	24.0
BIS-2018-0006-1	MNP CORPORATION	7227906010	Granted	08/07/19	Canada	6.4	YES	MICRO ALLOY	2019	217.7
BIS-2018-0006-1	MNP CORPORATION	7213913093	Granted	08/07/19	Canada	12	YES	CARBON CHQ	2019	8.6
BIS-2018-0006-1	MNP CORPORATION	7227906010	Granted	08/07/19	Canada	15.1	YES	MICRO ALLOY	2019	130.2
BIS-2018-0006-1	MNP CORPORATION	7213913093	Granted	08/07/19	Canada	9.5	YES	ALLOY STEEL (MEXICO CAN MAKE)	2019	139.3
BIS-2018-0006-1	MNP CORPORATION	7213913093	Granted	08/07/19	Canada	13.5	YES	ALLOY STEEL (MEXICO CAN MAKE)	2019	200.4
BIS-2018-0006-1	MNP CORPORATION	7227906010	Granted	08/07/19	Canada	7.5	YES	MICRO ALLOY	2019	429.8
BIS-2018-0006-1	MNP CORPORATION	7213913093	Granted	08/07/19	Canada	6.5	YES	CARBON CHQ	2019	865.9
BIS-2018-0006-1	MNP CORPORATION	7213913093	Granted	08/07/19	Canada	10	YES	ALLOY STEEL (MEXICO CAN MAKE)	2019	302.9
BIS-2018-0006-1	MNP CORPORATION	7227906010	Granted	08/07/19	Canada	13.5	YES	MICRO ALLOY	2019	844.0
BIS-2018-0006-1	MNP CORPORATION	7227906035	Granted	08/07/19	Canada	16.7	YES	ALLOY STEEL	2019	268.2
BIS-2018-0006-1	MNP CORPORATION	7213913093	Granted	08/07/19	Canada	13.5	YES	CARBON CHQ	2019	325.1
BIS-2018-0006-1	MNP CORPORATION	7213913093	Granted	08/07/19	Canada	11.5	YES	ALLOY STEEL (MEXICO CAN MAKE)	2019	495.5
BIS-2018-0006-1	MNP CORPORATION	7227906010	Granted	08/07/19	Canada	14.3	YES	MICRO ALLOY	2019	84.2
BIS-2018-0006-1	MNP CORPORATION	7227906010	Granted	08/07/19	Canada	12.7	YES	MICRO ALLOY	2019	6,878.5
BIS-2018-0006-1	MNP CORPORATION	7213913093	Granted	08/07/19	Canada	7.5	YES	ALLOY STEEL (MEXICO CAN MAKE)	2019	1,868.6
BIS-2018-0006-1	MNP CORPORATION	7227906010	Granted	08/07/19	Canada	12.7	YES	MICRO ALLOY	2019	288.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	08/07/19	Japan	9.5	YES	CARBON CHQ	2019	83.0
BIS-2018-0006-1	MNP CORPORATION	7227906010	Granted	08/07/19	Canada	8.3	YES	MICRO ALLOY	2019	688.7
BIS-2018-0006-1	MNP CORPORATION	7227906010	Granted	08/07/19	Canada	8.3	YES	MICRO ALLOY	2019	1,761.2
BIS-2018-0006-1	MNP CORPORATION	7227906010	Granted	08/07/19	Canada	8.5	YES	MICRO ALLOY	2019	160.2
BIS-2018-0006-1	MNP CORPORATION	7213913093	Granted	08/07/19	Canada	8.5	YES	CARBON CHQ	2019	386.0
BIS-2018-0006-1	MNP CORPORATION	7227906010	Granted	08/07/19	Canada	5.5	YES	MICRO ALLOY	2019	4.1
BIS-2018-0006-1	MNP CORPORATION	7227906010	Granted	08/07/19	Canada	16.7	YES	MICRO ALLOY	2019	10.9
BIS-2018-0006-1	MNP CORPORATION	7227906010	Granted	08/07/19	Canada	14.7	YES	ALLOY STEEL	2019	26.7
BIS-2018-0006-1	MNP CORPORATION	7227906010	Granted	08/07/19	Canada	10.5	YES	MICRO ALLOY	2019	5,354.5
BIS-2018-0006-1	MNP CORPORATION	7227906010	Granted	08/07/19	Canada	11.5	YES	MICRO ALLOY	2019	2,181.3
BIS-2018-0006-1	MNP CORPORATION	7227906010	Granted	08/07/19	Canada	11.5	YES	MICRO ALLOY	2019	443.2
BIS-2018-0006-1	MNP CORPORATION	7227906010	Granted	08/07/19	Canada	8.7	YES	MICRO ALLOY	2019	4.6
BIS-2018-0006-1	MNP CORPORATION	7213913093	Granted	08/07/19	Canada	6	YES	CARBON CHQ	2019	526.5
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	09/04/19	Japan	13.5	YES	CARBON CHQ	2019	6.0
			Granted	09/04/19	Japan	13.5	YES	ALLOY STEEL	2019	6.0
BIS-2018-0006-1	Metal One America, Inc.	7227906040	Granted	09/04/19	Japan	19	NO	ALLOY BOF	2019	150.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	09/04/19	Japan	7	YES	CARBON CHQ	2019	121.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	09/04/19	Japan	10	YES	CARBON CHQ	2019	213.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213990030	Granted	31/05/19	Japan	15	YES	CARBON CHQ	2019	48.0

BIS-2018-0006-1	O&k American Corp	7213990060	Granted	09/04/19	Japan	38	NO	CARBON CHQ	2019	176.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	09/04/19	Japan	32	NO	CARBON CHQ	2019	250.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	09/04/19	Japan	20	NO	CARBON CHQ	2019	1,071.0
BIS-2018-0006-1	Metal One America, Inc.	7227906035	Granted	09/04/19	Japan	16.7	YES	ALLOY BOF	2019	200.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	09/04/19	Japan	9.5	YES	CARBON CHQ	2019	221.0
BIS-2018-0006-1	Metal One America, Inc.	7227906035	Granted	09/04/19	Japan	16	YES	ALLOY BOF	2019	150.0
BIS-2018-0006-1	Nippon Steel & Sumikin Cold Heading Wire In	7213990030	Granted	30/04/19	Japan	15	YES	CARBON CHQ	2019	48.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	31/05/19	Japan	6.4	YES	CARBON CHQ	2019	108.0
BIS-2018-0006-1	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	30/04/19	Japan	6.4	YES	CARBON CHQ	2019	108.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	09/04/19	Japan	33	NO	CARBON CHQ	2019	2.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	09/04/19	Japan	13	YES	CARBON CHQ	2019	123.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	09/04/19	Japan	10.3	YES	CARBON CHQ	2019	90.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	31/05/19	Japan	9	YES	CARBON CHQ	2019	378.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	09/04/19	Japan	8	YES	CARBON CHQ	2019	91.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	09/04/19	Japan	11	YES	CARBON CHQ	2019	19.0
BIS-2018-0006-1	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	30/04/19	Japan	9	YES	CARBON CHQ	2019	378.0
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	09/04/19	Japan	17	YES	CARBON CHQ	2019	177.0
BIS-2018-0006-1	Metal One America, Inc.	7227906035	Granted	09/04/19	Japan	18	YES	ALLOY BOF	2019	150.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	09/04/19	Japan	13	YES	CARBON CHQ	2019	79.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	14/06/19	Japan	11	YES	CARBON CHQ	2019	27.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	09/04/19	Japan	9	YES	CARBON CHQ	2019	67.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	09/04/19	Japan	38	NO	CARBON CHQ	2019	56.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	09/04/19	Japan	20.3	NO	CARBON CHQ	2019	44.0
BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	10/08/18	Japan	11	YES	CARBON CHQ	2018	27.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	14/06/19	Japan	12.7	YES	CARBON CHQ	2019	50.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	09/04/19	Japan	24	NO	CARBON CHQ	2019	2,207.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	09/04/19	Japan	10.7	YES	CARBON CHQ	2019	26.0
BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	10/08/18	Japan	12.7	YES	CARBON CHQ	2018	9.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213990030	Granted	14/06/19	Japan	14	YES	CARBON CHQ	2019	50.0
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	09/04/19	Japan	5.5	YES	CARBON CHQ	2019	14.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	14/06/19	Japan	6.5	YES	CARBON CHQ	2019	54.0
BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	10/08/18	Japan	6.5	YES	CARBON CHQ	2018	54.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	14/06/19	Japan	7.5	YES	CARBON CHQ	2019	50.0
BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	10/08/18	Japan	7.5	YES	CARBON CHQ	2018	9.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	09/04/19	Japan	10.3	YES	CARBON CHQ	2019	62.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	09/04/19	Japan	7.5	YES	CARBON CHQ	2019	83.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	14/06/19	Japan	8.5	YES	CARBON CHQ	2019	18.0
BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	10/08/18	Japan	8.5	YES	CARBON CHQ	2018	18.0

BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213990030	Granted	31/05/19	Japan	6.5	YES	CARBON CHQ	2019	324.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	09/04/19	Japan	27	NO	CARBON CHQ	2019	187.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213990060	Granted	31/05/19	Japan	20	NO	CARBON CHQ	2019	324.0
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	09/04/19	Japan	15	YES	CARBON CHQ	2019	72.0
BIS-2018-0006-1	Nippon Steel & Sumikin Cold Heading Wire In	7213990060	Granted	01/05/19	Japan	20	NO	CARBON CHQ	2019	324.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213990060	Granted	31/05/19	Japan	20.5	NO	CARBON CHQ	2019	324.0
BIS-2018-0006-1	Nippon Steel & Sumikin Cold Heading Wire In	7213990060	Granted	01/05/19	Japan	20.5	NO	CARBON CHQ	2019	324.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213990060	Granted	31/05/19	Japan	24	NO	CARBON CHQ	2019	324.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213990060	Granted	14/06/19	Japan	30	NO	CARBON CHQ	2019	324.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	09/05/19	Japan	10.7	YES	ALLOY STEEL	2019	154.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	09/05/19	Japan	11.5	YES	ALLOY STEEL	2019	690.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	31/05/19	Japan	13	YES	CARBON CHQ	2019	24.0
BIS-2018-0006-1	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	30/04/19	Japan	13	YES	CARBON CHQ	2019	24.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	09/05/19	Japan	13	YES	ALLOY STEEL	2019	540.0
BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	10/08/18	Japan	12	YES	CARBON CHQ	2018	300.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	31/05/19	Japan	12	YES	CARBON CHQ	2019	300.0
BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire In	7213990030	Granted	10/08/18	Japan	17	YES	CARBON CHQ	2018	300.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213990030	Granted	31/05/19	Japan	17	YES	CARBON CHQ	2019	300.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213910030	Granted	31/05/19	Japan	10	YES	CARBON CHQ	2019	72.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	09/05/19	Japan	9	YES	ALLOY STEEL	2019	130.0
BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire In	7213910030	Granted	10/08/18	Japan	10	YES	CARBON CHQ	2018	72.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	08/07/19	Japan	10	YES	CARBON CHQ	2019	72.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	09/05/19	Japan	14.3	YES	ALLOY STEEL	2019	614.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	09/05/19	Japan	10.7	YES	ALLOY STEEL	2019	640.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213910030	Granted	31/05/19	Japan	11.5	YES	CARBON CHQ	2019	1,080.0
BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire In	7213910030	Granted	10/08/18	Japan	11.5	YES	CARBON CHQ	2018	1,080.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	08/07/19	Japan	11.5	YES	CARBON CHQ	2019	1,080.0
BIS-2018-0006-1	Rocknel Fastener, Inc	7227906010	Granted	09/07/19	Japan	9.5	YES	MICRO ALLOY	2019	72.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213990030	Granted	31/05/19	Japan	6.5	YES	CARBON CHQ	2019	216.0
BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire In	7213990030	Granted	10/08/18	Japan	6.5	YES	CARBON CHQ	2018	216.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	14/06/19	Japan	12	YES	CARBON CHQ	2019	144.0
BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	10/08/18	Japan	12	YES	CARBON CHQ	2018	144.0
BIS-2018-0006-1	Rocknel Fastener, Inc	7227906010	Granted	09/07/19	Japan	6.7	YES	MICRO ALLOY	2019	72.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	31/05/19	Japan	6.5	YES	CARBON CHQ	2019	48.0
BIS-2018-0006-1	Rocknel Fastener, Inc	7227906010	Granted	09/07/19	Japan	7.5	YES	MICRO ALLOY	2019	576.0
BIS-2018-0006-1	Rocknel Fastener, Inc	7227906010	Granted	09/07/19	Japan	8.3	YES	MICRO ALLOY	2019	360.0
BIS-2018-0006-1	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	30/04/19	Japan	6.5	YES	CARBON CHQ	2019	48.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213990030	Granted	31/05/19	Japan	15	YES	CARBON CHQ	2019	144.0

BIS-2018-0006-1	Nippon Steel & Sumikin Cold Heading Wire In	7213990030	Granted	30/04/19	Japan	15	YES	CARBON CHQ	2019	144.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213990030	Granted	31/05/19	Japan	18	YES	CARBON CHQ	2019	48.0
BIS-2018-0006-1	Nippon Steel & Sumikin Cold Heading Wire In	7213990030	Granted	30/04/19	Japan	18	YES	CARBON CHQ	2019	48.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	31/05/19	Japan	6.4	YES	CARBON CHQ	2019	24.0
BIS-2018-0006-1	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	30/04/19	Japan	6.4	YES	CARBON CHQ	2019	24.0
BIS-2018-0006-1	Rocknel Fastener, Inc	7227906010	Granted	09/07/19	Japan	5.5	YES	MICRO ALLOY	2019	3,960.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	14/06/19	Japan	10.5	YES	CARBON CHQ	2019	50.0
BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	10/08/18	Japan	10.5	YES	CARBON CHQ	2018	18.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	14/06/19	Japan	7	YES	CARBON CHQ	2019	216.0
BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	10/08/18	Japan	7	YES	CARBON CHQ	2018	216.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	31/05/19	Japan	10	YES	CARBON CHQ	2019	24.0
BIS-2018-0006-1	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	30/04/19	Japan	10	YES	CARBON CHQ	2019	24.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213913015	Granted	06/05/19	Japan	10.5	YES	CARBON CHQ	2019	56.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213913015	Granted	06/05/19	Japan	12	YES	CARBON CHQ	2019	30.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213913015	Granted	06/05/19	Japan	12.7	YES	CARBON CHQ	2019	130.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213913015	Granted	06/05/19	Japan	13.5	YES	CARBON CHQ	2019	40.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213990060	Granted	06/05/19	Japan	19	NO	CARBON CHQ	2019	260.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Georgia, Inc.)	7227902060	Granted	10/06/19	Japan	9.3	NO	BALL BEARING STEEL	2019	1,500.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Georgia, Inc.)	7227902060	Granted	10/06/19	Japan	14	NO	BALL BEARING STEEL	2019	800.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Georgia, Inc.)	7227902060	Granted	10/06/19	Japan	5.5	NO	BALL BEARING STEEL	2019	150.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	10/06/19	Japan	11.5	NO	BALL BEARING STEEL	2019	400.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Georgia, Inc.)	7227902060	Granted	10/06/19	Japan	11	NO	BALL BEARING STEEL	2019	225.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Georgia, Inc.)	7227902060	Granted	10/06/19	Japan	8.2	NO	BALL BEARING STEEL	2019	50.0
BIS-2018-0006-1	Beta Steel, LLC	7213990030	Granted	10/06/19	Canada	14.7	YES	CARBON CHQ	2019	276.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	10/06/19	Japan	5	NO	BALL BEARING STEEL	2019	600.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	10/06/19	Japan	24.5	NO	BALL BEARING STEEL	2019	200.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	10/06/19	Japan	6	NO	BALL BEARING STEEL	2019	300.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Georgia, Inc.)	7227902060	Granted	10/06/19	Japan	17	NO	BALL BEARING STEEL	2019	20.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	10/06/19	Japan	6	NO	BALL BEARING STEEL	2019	100.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	10/06/19	Japan	12.5	NO	BALL BEARING STEEL	2019	1,600.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	10/06/19	Japan	10	NO	BALL BEARING STEEL	2019	200.0
BIS-2018-0006-1	TOKUSEN U.S.A., Inc.	7213913011	Granted	10/06/19	Japan	5	NO	TIRE CORD	2019	2,000.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Georgia, Inc.)	7227902060	Granted	10/06/19	Japan	13	NO	BALL BEARING STEEL	2019	260.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	10/06/19	Japan	8.4	NO	BALL BEARING STEEL	2019	100.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213913015	Granted	06/05/19	Japan	5.5	YES	CARBON CHQ	2019	2.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	10/06/19	Japan	19	NO	BALL BEARING STEEL	2019	200.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	10/06/19	Japan	7	NO	BALL BEARING STEEL	2019	600.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	10/06/19	Japan	8	NO	BALL BEARING STEEL	2019	670.0

BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	10/06/19	Japan	16.5	NO	BALL BEARING STEEL	2019	400.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	10/06/19	Japan	11	NO	BALL BEARING STEEL	2019	1,200.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213913015	Granted	06/05/19	Japan	7.5	YES	CARBON CHQ	2019	28.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Georgia, Inc.)	7227902060	Granted	10/06/19	Japan	8.5	NO	BALL BEARING STEEL	2019	50.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Georgia, Inc.)	7227902060	Granted	10/06/19	Japan	5.5	NO	BALL BEARING STEEL	2019	20.0
BIS-2018-0006-1	Beta Steel, LLC	7213913015	Granted	10/06/19	Canada	11	YES	CARBON CHQ	2019	74.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213913015	Granted	06/05/19	Japan	8.3	YES	CARBON CHQ	2019	15.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	10/06/19	Japan	9	NO	BALL BEARING STEEL	2019	1,600.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	10/06/19	Japan	14	NO	BALL BEARING STEEL	2019	1,600.0
BIS-2018-0006-1	Beta Steel, LLC	7213913015	Granted	10/06/19	Canada	9.5	YES	CARBON CHQ	2019	110.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213913015	Granted	06/05/19	Japan	8.7	YES	CARBON CHQ	2019	4.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	10/06/19	Japan	11	NO	BALL BEARING STEEL	2019	800.0
BIS-2018-0006-1	TOKUSEN U.S.A., Inc.	7213913011	Granted	10/06/19	United Kingdo	5	NO	TIRE CORD	2019	2,000.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	10/06/19	Japan	6	NO	BALL BEARING STEEL	2019	300.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Georgia, Inc.)	7227902060	Granted	10/06/19	Japan	7.7	NO	BALL BEARING STEEL	2019	40.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Georgia, Inc.)	7227902060	Granted	10/06/19	Japan	7.2	NO	BALL BEARING STEEL	2019	400.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Georgia, Inc.)	7227902060	Granted	10/06/19	Japan	12	NO	BALL BEARING STEEL	2019	350.0
BIS-2018-0006-1	Emerald Steel Processing	7227906010	Granted	10/06/19	Canada	13	YES	MICRO ALLOY	2019	2,645.4
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	10/06/19	Japan	22.5	NO	BALL BEARING STEEL	2019	200.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	10/06/19	Japan	21	NO	BALL BEARING STEEL	2019	200.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	10/06/19	Japan	20	NO	BALL BEARING STEEL	2019	200.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	10/06/19	Japan	9	NO	BALL BEARING STEEL	2019	2,400.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	10/06/19	Japan	5.5	NO	BALL BEARING STEEL	2019	700.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	10/06/19	Japan	9.5	NO	BALL BEARING STEEL	2019	1,000.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	10/06/19	Japan	18	NO	BALL BEARING STEEL	2019	15.0
BIS-2018-0006-1	TOKUSEN U.S.A., Inc.	7213913011	Granted	10/06/19	Germany	5	NO	TIRE CORD	2019	2,000.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Georgia, Inc.)	7227902060	Granted	10/06/19	Japan	9	NO	BALL BEARING STEEL	2019	103.5
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	10/06/19	Japan	7.5	NO	BALL BEARING STEEL	2019	150.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	10/06/19	Japan	18	NO	BALL BEARING STEEL	2019	400.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	10/06/19	Japan	6.5	NO	BALL BEARING STEEL	2019	300.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	10/06/19	Japan	10	NO	BALL BEARING STEEL	2019	800.0
BIS-2018-0006-1	Beta Steel, LLC	7213990030	Granted	10/06/19	Canada	17.5	YES	CARBON CHQ	2019	300.0
BIS-2018-0006-6	Blue Ridge Metals Corp.	7213990060	Granted	29/05/18	Japan	19	NO	CARBON CHQ	2018	417.3
BIS-2018-0006-1	TOKUSEN U.S.A., Inc.	7213913011	Granted	10/06/19	Brazil	5	NO	TIRE CORD	2019	2,000.0
BIS-2018-0006-1	Beta Steel, LLC	7213990030	Granted	10/06/19	Canada	6.5	YES	CARBON CHQ	2019	193.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	10/06/19	Japan	5.5	NO	BALL BEARING STEEL	2019	1,000.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	10/06/19	Japan	5.5	NO	BALL BEARING STEEL	2019	700.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	10/06/19	Japan	9.5	NO	BALL BEARING STEEL	2019	400.0

BIS-2018-0006-2	Blue Ridge Metals Corp.	7213990060	Granted	31/07/18	Japan	19	NO	CARBON CHQ	2018	417.3
BIS-2018-0006-1	Beta Steel, LLC	7213990030	Granted	10/06/19	Canada	15	YES	CARBON CHQ	2019	244.9
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Georgia, Inc.)	7227902060	Granted	10/06/19	Japan	6	NO	BALL BEARING STEEL	2019	8.0
BIS-2018-0006-1	Beta Steel, LLC	7213913015	Granted	10/06/19	Canada	12.5	YES	CARBON CHQ	2019	271.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	10/06/19	Japan	5	NO	BALL BEARING STEEL	2019	100.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7213913015	Granted	25/07/18	Japan	10.5	YES	CARBON CHQ	2018	36.0
BIS-2018-0006-1	Beta Steel, LLC	7213990030	Granted	10/06/19	Canada	15.9	YES	CARBON CHQ	2019	215.0
BIS-2018-0006-1	Beta Steel, LLC	7213913015	Granted	10/06/19	Canada	12	YES	CARBON CHQ	2019	391.8
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Georgia, Inc.)	7227902060	Granted	10/06/19	Japan	7	NO	BALL BEARING STEEL	2019	3.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	10/06/19	Japan	11.5	NO	BALL BEARING STEEL	2019	100.0
BIS-2018-0006-1	Beta Steel, LLC	7213990030	Granted	10/06/19	Canada	15	YES	CARBON CHQ	2019	355.0
BIS-2018-0006-4	Rightway Fasteners Inc.	7213913015	Granted	31/08/18	Japan	10.5	YES	CARBON CHQ	2018	36.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7213913015	Granted	25/07/18	Japan	11.5	YES	CARBON CHQ	2018	48.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	11/04/19	Japan	7.5	YES	MICRO ALLOY	2019	1,216.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	11/04/19	Japan	11.5	YES	MICRO ALLOY	2019	72.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	11/04/19	Japan	13.5	YES	MICRO ALLOY	2019	64.0
BIS-2018-0006-4	Rightway Fasteners Inc.	7213913015	Granted	31/08/18	Japan	11.5	YES	CARBON CHQ	2018	48.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	11/04/19	Japan	19	NO	CARBON CHQ	2019	222.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7213913015	Granted	25/07/18	Japan	12	YES	CARBON CHQ	2018	36.0
BIS-2018-0006-4	Rightway Fasteners Inc.	7213913015	Granted	31/08/18	Japan	12	YES	CARBON CHQ	2018	36.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7213913015	Granted	25/07/18	Japan	12.7	YES	CARBON CHQ	2018	120.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	11/04/19	Japan	14	YES	MICRO ALLOY	2019	46.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	11/04/19	Japan	9.5	YES	ALLOY STEEL	2019	108.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	11/04/19	Japan	12.3	YES	MICRO ALLOY	2019	187.0
BIS-2018-0006-4	Rightway Fasteners Inc.	7213913015	Granted	31/08/18	Japan	12.7	YES	CARBON CHQ	2018	120.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7213913015	Granted	25/07/18	Japan	13.5	YES	CARBON CHQ	2018	36.0
BIS-2018-0006-4	Rightway Fasteners Inc.	7213913015	Granted	31/08/18	Japan	13.5	YES	CARBON CHQ	2018	36.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	11/04/19	Japan	11	YES	CARBON CHQ	2019	122.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7213990030	Granted	25/07/18	Japan	18	YES	CARBON CHQ	2018	72.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	11/04/19	Japan	12	YES	CARBON CHQ	2019	295.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	11/04/19	Japan	26	NO	MICRO ALLOY	2019	260.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	11/04/19	Japan	8.3	YES	MICRO ALLOY	2019	555.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	11/04/19	Japan	13	YES	MICRO ALLOY	2019	4.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	11/04/19	Japan	5.5	YES	MICRO ALLOY	2019	3,560.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	11/04/19	Japan	20.3	NO	CARBON CHQ	2019	768.0
BIS-2018-0006-4	Rightway Fasteners Inc.	7213990030	Granted	31/08/18	Japan	18	YES	CARBON CHQ	2018	72.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	11/04/19	Japan	13.5	YES	CARBON CHQ	2019	25.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	11/04/19	Japan	9.5	YES	MICRO ALLOY	2019	532.0

BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7213913015	Granted	24/07/18	Japan	5.5	YES	CARBON CHQ	2018	12.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	11/04/19	Japan	7.5	YES	ALLOY STEEL	2019	117.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7213913015	Granted	25/07/18	Japan	5.5	YES	CARBON CHQ	2018	24.0
BIS-2018-0006-4	Rightway Fasteners Inc.	7213913015	Granted	31/08/18	Japan	5.5	YES	CARBON CHQ	2018	12.0
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	11/04/19	Japan	16	YES	CARBON CHQ	2019	270.0
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	11/04/19	Japan	17	YES	CARBON CHQ	2019	491.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7213913015	Granted	24/07/18	Japan	7.5	YES	CARBON CHQ	2018	24.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	11/04/19	Japan	12.7	YES	CARBON CHQ	2019	4.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	11/04/19	Japan	13	YES	ALLOY STEEL	2019	4.0
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	11/04/19	Japan	14	YES	CARBON CHQ	2019	22.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	11/04/19	Japan	6	YES	CARBON CHQ	2019	536.0
BIS-2018-0006-4	Rightway Fasteners Inc.	7213913015	Granted	31/08/18	Japan	7.5	YES	CARBON CHQ	2018	24.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	11/04/19	Japan	19	NO	CARBON CHQ	2019	18.0
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	11/04/19	Japan	16	YES	CARBON CHQ	2019	264.0
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	11/04/19	Japan	15.5	YES	CARBON CHQ	2019	1,087.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	11/04/19	Japan	21	NO	MICRO ALLOY	2019	4.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	11/04/19	Japan	12	YES	ALLOY STEEL	2019	291.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7213913015	Granted	24/07/18	Japan	8.3	YES	CARBON CHQ	2018	12.0
BIS-2018-0006-4	Rightway Fasteners Inc.	7213913015	Granted	31/08/18	Japan	8.3	YES	CARBON CHQ	2018	12.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7213913015	Granted	25/07/18	Japan	8.7	YES	CARBON CHQ	2018	12.0
BIS-2018-0006-4	Rightway Fasteners Inc.	7213913015	Granted	31/08/18	Japan	8.7	YES	CARBON CHQ	2018	12.0
BIS-2018-0006-3	O&k American Corp	7213913015	Granted	18/05/18	Japan	10	YES	CARBON CHQ	2018	1.4
BIS-2018-0006-7	O&k American Corp	7213913015	Granted	07/11/18	Japan	10	YES	CARBON CHQ	2018	118.6
BIS-2018-0006-3	O&k American Corp	7213913015	Granted	18/05/18	Japan	10.3	YES	CARBON CHQ	2018	1.0
BIS-2018-0006-1	Erasteel Inc	7227902060	Granted	12/04/19	Sweden	15.5	NO	TOOL STEEL	2019	1.0
			Granted	12/04/19	Sweden	15.5	NO	TOOL STEEL	2019	1.0
			Granted	12/04/19	France	15.5	NO	TOOL STEEL	2019	1.0
			Granted	12/04/19	France	15.5	NO	TOOL STEEL	2019	1.0
			Granted	12/04/19	France	15.5	NO	TOOL STEEL	2019	1.0
BIS-2018-0006-7	O&k American Corp	7213913015	Granted	06/11/18	Japan	10.3	YES	CARBON CHQ	2018	88.9
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	12/07/19	Japan	15.5	YES	MICRO ALLOY	2019	150.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	12/07/19	Japan	10.5	YES	MICRO ALLOY	2019	700.0
BIS-2018-0006-1	Emerald Steel Processing	7213913015	Granted	12/07/19	Canada	10.5	YES	CARBON CHQ	2019	500.0
BIS-2018-0006-3	O&k American Corp	7213990060	Granted	18/05/18	Japan	19	NO	CARBON CHQ	2018	12.5
BIS-2018-0006-7	O&k American Corp	7213990060	Granted	06/11/18	Japan	19	NO	CARBON CHQ	2018	207.5
BIS-2018-0006-3	O&k American Corp	7213913015	Granted	18/05/18	Japan	7.5	YES	CARBON CHQ	2018	6.4
BIS-2018-0006-7	O&k American Corp	7213913015	Granted	06/11/18	Japan	7.5	YES	CARBON CHQ	2018	148.2
BIS-2018-0006-1	Metal One America, Inc.	7227906035	Granted	20/03/19	Japan	14.3	YES	ALLOY BOF	2019	1,000.0

BIS-2018-0006-1	Acument Global Technologies, Inc.	7227906010	Granted	21/03/19	Canada	11.2	YES	ALLOY STEEL	2019	350.0
BIS-2018-0006-1	Acument Global Technologies, Inc.	7227906010	Granted	21/03/19	Canada	12	YES	ALLOY STEEL	2019	600.0
BIS-2018-0006-1	Acument Global Technologies, Inc.	7227906010	Granted	21/03/19	Canada	9.25	YES	ALLOY STEEL	2019	600.0
BIS-2018-0006-1	Acument Global Technologies, Inc.	7227906010	Granted	21/03/19	Canada	12.8	YES	ALLOY STEEL	2019	550.0
BIS-2018-0006-1	Acument Global Technologies, Inc.	7227906010	Granted	21/03/19	Canada	10.5	YES	ALLOY STEEL	2019	75.0
BIS-2018-0006-1	Acument Global Technologies, Inc.	7227906010	Granted	21/03/19	Canada	19.15	NO	ALLOY STEEL	2019	10.0
BIS-2018-0006-1	Acument Global Technologies, Inc.	7227906010	Granted	21/03/19	Canada	7.7	YES	ALLOY STEEL	2019	100.0
BIS-2018-0006-1	Blue Ridge Metals Corp.	7213990060	Granted	22/03/19	Japan	26	NO	CARBON CHQ	2019	200.0
BIS-2018-0006-1	Blue Ridge Metals Corp.	7213990060	Granted	22/03/19	Japan	28	NO	CARBON CHQ	2019	8.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	17/04/19	Japan	7.5	YES	CARBON CHQ	2019	21.7
BIS-2018-0006-3	O&k American Corp	7213913015	Granted	18/05/18	Japan	9.5	YES	CARBON CHQ	2018	3.9
BIS-2018-0006-7	O&k American Corp	7213913015	Granted	06/11/18	Japan	9.5	YES	CARBON CHQ	2018	40.3
BIS-2018-0006-1	WireCo WorldGroup Inc.	7213913093	Granted	25/03/19	Canada	9.5	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	90.0
BIS-2018-0006-1	WireCo WorldGroup Inc.	7213913093	Granted	25/03/19	Canada	8	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	63.0
BIS-2018-0006-1	WireCo WorldGroup Inc.	7213913093	Granted	25/03/19	Canada	8	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	100.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213913015	Granted	06/05/19	Japan	12.7	YES	CARBON CHQ	2019	40.0
BIS-2018-0006-1	WCJ	7227906020	Granted	27/03/19	Germany	5.5	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	2,080.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213990030	Granted	06/05/19	Japan	16.3	YES	CARBON CHQ	2019	144.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213990060	Granted	06/05/19	Japan	25	NO	CARBON CHQ	2019	36.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213990060	Granted	06/05/19	Japan	27	NO	CARBON CHQ	2019	72.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7213913015	Granted	25/07/18	Japan	12.7	YES	CARBON CHQ	2018	36.0
BIS-2018-0006-1	Metal One America, Inc.	7227906030	Granted	28/03/19	Japan	13.5	YES	ALLOY BOF	2019	2,700.0
BIS-2018-0006-4	Rightway Fasteners Inc.	7213913015	Granted	31/08/18	Japan	12.7	YES	CARBON CHQ	2018	36.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7213990030	Granted	25/07/18	Japan	16.3	YES	CARBON CHQ	2018	144.0
BIS-2018-0006-1	Mount Joy Wire Corporation	7213913093	Granted	29/03/19	Canada	6.5	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	90.7
BIS-2018-0006-4	Rightway Fasteners Inc.	7213990030	Granted	31/08/18	Japan	16.3	YES	CARBON CHQ	2018	144.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7213990060	Granted	25/07/18	Japan	25	NO	CARBON CHQ	2018	36.0
BIS-2018-0006-4	Rightway Fasteners Inc.	7213990060	Granted	31/08/18	Japan	25	NO	CARBON CHQ	2018	36.0
BIS-2018-0006-1	Mount Joy Wire Corporation	7213913093	Granted	29/03/19	Canada	7	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	136.1
BIS-2018-0006-1	AFL Telecommunciations LLC	7213913093	Granted	29/03/19	Canada	7.5	YES	ALLOY BOF	2019	1,600.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7213990060	Granted	25/07/18	Japan	27	NO	CARBON CHQ	2018	72.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	15/04/19	Japan	30	NO	CARBON STEEL (DEACERO CAN MAKE)	2019	100.0
BIS-2018-0006-1	Erasteel Inc	7227902060	Granted	15/04/19	Sweden	21.2	NO	TOOL STEEL	2019	1.0
			Granted	15/04/19	Sweden	21.1	NO	TOOL STEEL	2019	1.0
			Granted	15/04/19	France	21.2	NO	TOOL STEEL	2019	1.0
			Granted	15/04/19	France	21.1	NO	TOOL STEEL	2019	1.0
			Granted	15/04/19	France	21.2	NO	TOOL STEEL	2019	1.0
BIS-2018-0006-4	Rightway Fasteners Inc.	7213990060	Granted	31/08/18	Japan	27	NO	CARBON CHQ	2018	72.0

BIS-2018-0006-1	Erasteel Inc	7227902060	Granted	15/04/19	Sweden	6.5	NO	TOOL STEEL	2019	1.9
			Granted	15/04/19	Sweden	6.5	NO	TOOL STEEL	2019	1.9
			Granted	15/04/19	France	6.5	NO	TOOL STEEL	2019	1.9
			Granted	15/04/19	France	6.5	NO	TOOL STEEL	2019	1.9
			Granted	15/04/19	France	6.5	NO	TOOL STEEL	2019	1.9
BIS-2018-0006-1	Erasteel Inc	7227902060	Granted	15/04/19	Sweden	21.2	NO	TOOL STEEL	2019	1.0
			Granted	15/04/19	Sweden	21.2	NO	TOOL STEEL	2019	1.0
			Granted	15/04/19	France	21.2	NO	TOOL STEEL	2019	1.0
			Granted	15/04/19	France	21.2	NO	TOOL STEEL	2019	1.0
			Granted	15/04/19	France	21.2	NO	TOOL STEEL	2019	1.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213990060	Granted	07/05/19	Japan	27	NO	CARBON CHQ	2019	360.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213990060	Granted	07/05/19	Japan	32	NO	CARBON CHQ	2019	120.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7213990060	Granted	25/07/18	Japan	27	NO	CARBON CHQ	2018	432.0
BIS-2018-0006-3	Tsuda USA Corporation	7213990060	Granted	23/08/18	Japan	27	NO	CARBON CHQ	2018	432.0
BIS-2018-0006-2	Tsuda USA Corporation	7213990060	Granted	23/07/18	Japan	32	NO	CARBON CHQ	2018	192.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7213900060	Granted	25/07/18	Japan	32	NO	CARBON CHQ	2018	192.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213913015	Granted	03/05/19	Japan	11	YES	CARBON CHQ	2019	280.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213913015	Granted	06/05/19	Japan	11.5	YES	CARBON CHQ	2019	22.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213913015	Granted	06/05/19	Japan	12	YES	CARBON CHQ	2019	70.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213990060	Granted	06/05/19	Japan	34	NO	CARBON CHQ	2019	270.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213913015	Granted	03/05/19	Japan	6.5	YES	CARBON CHQ	2019	40.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213913015	Granted	03/05/19	Japan	9	YES	CARBON CHQ	2019	10.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7213913015	Granted	25/07/18	Japan	11	YES	CARBON CHQ	2018	120.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7213913015	Granted	25/07/18	Japan	12	YES	CARBON CHQ	2018	96.0
BIS-2018-0006-4	Rightway Fasteners Inc.	7213913015	Granted	31/08/18	Japan	12	YES	CARBON CHQ	2018	96.0
BIS-2018-0006-1	Rightway Fasteners Inc.	7213990060	Granted	27/06/19	Japan	34	NO	CARBON CHQ	2019	264.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213990060	Granted	16/04/19	Japan	34	NO	CARBON CHQ	2019	264.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7213913015	Granted	25/07/18	Japan	6.5	YES	CARBON CHQ	2018	24.0
BIS-2018-0006-8	Blue Ridge Metals Corp.	7213990060	Granted	07/06/18	Japan	30	NO	CARBON CHQ	2018	497.2
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	17/04/19	Japan	24	NO	CARBON CHQ	2019	196.8
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	17/04/19	Japan	38	NO	CARBON CHQ	2019	122.3
BIS-2018-0006-3	Blue Ridge Metals Corp.	7213990060	Granted	07/08/18	Japan	30	NO	CARBON CHQ	2018	497.2
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	17/04/19	Japan	10.3	YES	CARBON CHQ	2019	21.7
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	17/04/19	Japan	20	NO	CARBON CHQ	2019	84.8
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	17/04/19	Japan	15	YES	CARBON CHQ	2019	21.6
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213913015	Granted	06/05/19	Japan	12	YES	CARBON CHQ	2019	9.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	17/04/19	Japan	20.3	NO	CARBON CHQ	2019	25.3
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213913015	Granted	06/05/19	Japan	7.5	YES	CARBON CHQ	2019	3.0

BIS-2018-0006-1	O&k American Corp	7213990060	Granted	17/04/19	Japan	33	NO	CARBON CHQ	2019	21.9
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	17/04/19	Japan	13	YES	CARBON CHQ	2019	21.0
BIS-2018-0006-1	Rightway Fasteners Inc.	7213913015	Granted	04/06/19	Japan	12	YES	CARBON CHQ	2019	9.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213913015	Granted	16/04/19	Japan	12	YES	CARBON CHQ	2019	9.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	17/04/19	Japan	10.3	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	20.4
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	17/04/19	Japan	9	YES	CARBON CHQ	2019	45.9
BIS-2018-0006-1	Rightway Fasteners Inc.	7213913015	Granted	04/06/19	Japan	7.5	YES	CARBON CHQ	2019	3.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	17/04/19	Japan	8	YES	CARBON CHQ	2019	21.4
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213990060	Granted	16/04/19	Japan	7.5	YES	CARBON CHQ	2019	3.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213990060	Granted	07/05/19	Japan	40	NO	CARBON CHQ	2019	250.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	17/04/19	Japan	9.5	YES	CARBON CHQ	2019	21.6
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	17/04/19	Japan	17.5	YES	CARBON CHQ	2019	21.5
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	17/04/19	Japan	38	NO	CARBON CHQ	2019	100.9
BIS-2018-0006-2	Tsuda USA Corporation	7213990060	Granted	23/07/18	Japan	40	NO	CARBON CHQ	2018	288.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7213900060	Granted	25/07/18	Japan	40	NO	CARBON CHQ	2018	288.0
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	06/05/19	Japan	17	YES	CARBON CHQ	2019	6.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	17/04/19	Japan	19	NO	CARBON CHQ	2019	21.3
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	09/04/19	Japan	17	YES	CARBON CHQ	2019	6.0
BIS-2018-0006-1	Erasteel Inc	7227902060	Granted	18/04/19	Sweden	10	NO	TOOL STEEL	2019	1.6
			Granted	18/04/19	Sweden	10	NO	TOOL STEEL	2019	1.6
			Granted	18/04/19	France	10	NO	TOOL STEEL	2019	1.6
			Granted	18/04/19	France	10	NO	TOOL STEEL	2019	1.6
			Granted	18/04/19	France	10	NO	TOOL STEEL	2019	1.6
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	18/04/19	Japan	18	YES	CARBON CHQ	2019	35.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	18/04/19	Japan	13	YES	ALLOY STEEL	2019	25.3
BIS-2018-0006-9	O&k American Corp	7213990030	Granted	14/06/18	Japan	17	YES	CARBON CHQ	2018	5.9
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	18/04/19	Japan	13.5	YES	CARBON CHQ	2019	68.3
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	18/04/19	Japan	7.5	YES	ALLOY STEEL	2019	21.0
BIS-2018-0006-1	Erasteel Inc	7227902060	Granted	18/04/19	Sweden	15	NO	TOOL STEEL	2019	1.3
			Granted	18/04/19	Sweden	15	NO	TOOL STEEL	2019	1.3
			Granted	18/04/19	France	15	NO	TOOL STEEL	2019	1.3
			Granted	18/04/19	France	15	NO	TOOL STEEL	2019	1.3
			Granted	18/04/19	France	15	NO	TOOL STEEL	2019	1.3
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	18/04/19	Japan	19	NO	CARBON STEEL (DEACERO CAN MAKE)	2019	21.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213913015	Granted	06/05/19	Japan	10	YES	CARBON CHQ	2019	80.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	18/04/19	Japan	22	NO	CARBON STEEL (DEACERO CAN MAKE)	2019	22.0
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	18/04/19	Japan	17	YES	CARBON CHQ	2019	178.8
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	18/04/19	Japan	19	NO	CARBON CHQ	2019	225.8

BIS-2018-0006-1	O&k American Corp	7213913015	Granted	18/04/19	Japan	11.5	YES	CARBON CHQ	2019	109.6
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	18/04/19	Japan	13.5	YES	CARBON CHQ	2019	268.6
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	18/04/19	Japan	16	YES	CARBON CHQ	2019	22.6
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	18/04/19	Japan	16.3	YES	CARBON CHQ	2019	73.9
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	18/04/19	Japan	17	YES	CARBON CHQ	2019	106.6
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	18/04/19	Japan	12	YES	ALLOY STEEL	2019	21.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213913015	Granted	06/05/19	Japan	12.3	YES	CARBON CHQ	2019	400.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	18/04/19	Japan	12.3	YES	CARBON CHQ	2019	47.5
BIS-2018-0006-1	DENSO Manufacturing Tennesse, Inc	7213990090	Granted	11/03/19	Germany	18	YES	CARBON CHQ	2019	1,020.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	18/04/19	Japan	14.3	YES	ALLOY STEEL	2019	61.8
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	18/04/19	Japan	11.5	YES	CARBON CHQ	2019	222.2
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	18/04/19	Japan	13	YES	CARBON CHQ	2019	308.0
BIS-2018-0006-1	Erasteel Inc	7227902060	Granted	18/04/19	Sweden	11	NO	TOOL STEEL	2019	1.6
			Granted	18/04/19	Sweden	11	NO	TOOL STEEL	2019	1.6
			Granted	18/04/19	France	11	NO	TOOL STEEL	2019	1.6
			Granted	18/04/19	France	11	NO	TOOL STEEL	2019	1.6
			Granted	18/04/19	France	11	NO	TOOL STEEL	2019	1.6
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	18/04/19	Japan	24	NO	CARBON CHQ	2019	20.9
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	18/04/19	Japan	10.3	YES	CARBON CHQ	2019	22.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	18/04/19	Japan	10.3	YES	CARBON CHQ	2019	20.7
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	18/04/19	Japan	19	NO	CARBON CHQ	2019	139.7
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	18/04/19	Japan	15	YES	CARBON CHQ	2019	43.9
BIS-2018-0006-1	Erasteel Inc	7227902060	Granted	18/04/19	Sweden	13	NO	TOOL STEEL	2019	2.2
			Granted	18/04/19	Sweden	13	NO	TOOL STEEL	2019	2.2
			Granted	18/04/19	France	13	NO	TOOL STEEL	2019	2.2
			Granted	18/04/19	France	13	NO	TOOL STEEL	2019	2.2
			Granted	18/04/19	France	13	NO	TOOL STEEL	2019	2.2
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7213913015	Granted	25/07/18	Japan	10	YES	CARBON CHQ	2018	96.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	18/04/19	Japan	12.7	YES	CARBON CHQ	2019	21.6
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	18/04/19	Japan	6	YES	CARBON CHQ	2019	186.3
BIS-2018-0006-4	Rightway Fasteners Inc.	7213913015	Granted	31/08/18	Japan	10	YES	CARBON CHQ	2018	96.0
BIS-2018-0006-1	Erasteel Inc	7227902060	Granted	18/04/19	Sweden	7.5	NO	TOOL STEEL	2019	1.3
			Granted	18/04/19	Sweden	7.5	NO	TOOL STEEL	2019	1.3
			Granted	18/04/19	France	7.5	NO	TOOL STEEL	2019	1.3
			Granted	18/04/19	France	7.5	NO	TOOL STEEL	2019	1.3
			Granted	18/04/19	France	7.5	NO	TOOL STEEL	2019	1.3
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7213913015	Granted	25/07/18	Japan	12.3	YES	CARBON CHQ	2018	444.0
BIS-2018-0006-4	Rightway Fasteners Inc.	7213913015	Granted	31/08/18	Japan	12.3	YES	CARBON CHQ	2018	444.0

BIS-2018-0006-1	O&k American Corp	7227906010	Granted	18/04/19	Japan	9.5	YES	ALLOY STEEL	2019	21.3
BIS-2018-0006-1	Erasteel Inc	7227902060	Granted	18/04/19	Sweden	4.75	NO	TOOL STEEL	2019	0.6
BIS-2018-0006-1	Erasteel Inc	7227902060	Granted	18/04/19	Sweden	4.75	NO	TOOL STEEL	2019	0.6
BIS-2018-0006-1	Erasteel Inc	7227902060	Granted	18/04/19	France	4.75	NO	TOOL STEEL	2019	0.6
BIS-2018-0006-1	Erasteel Inc	7227902060	Granted	18/04/19	France	4.75	NO	TOOL STEEL	2019	0.6
BIS-2018-0006-1	Erasteel Inc	7227902060	Granted	18/04/19	France	4.75	NO	TOOL STEEL	2019	0.6
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	18/04/19	Japan	25	NO	CARBON STEEL (DEACERO CAN MAKE)	2019	20.6
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	19/04/19	Japan	15.5	YES	CARBON CHQ	2019	26.3
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	19/04/19	Japan	27	NO	CARBON CHQ	2019	216.3
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	19/04/19	Japan	19	NO	CARBON CHQ	2019	21.1
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	19/04/19	Japan	13.5	YES	CARBON CHQ	2019	23.5
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	19/04/19	Japan	15.5	YES	CARBON CHQ	2019	103.8
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	19/04/19	Japan	20.3	NO	CARBON CHQ	2019	21.6
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	19/04/19	Japan	17	YES	CARBON CHQ	2019	20.4
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	19/04/19	Japan	16	YES	CARBON CHQ	2019	36.5
BIS-2018-0006-1	Blue Ridge Metals Corp.	7227906040	Granted	17/07/18	Japan	19	NO	CARBON CHQ	2018	359.1
BIS-2018-0006-8	Blue Ridge Metals Corp.	7227906040	Granted	07/06/18	Japan	24	NO	CARBON CHQ	2018	359.1
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213990060	Granted	15/04/19	Germany	46	NO	CARBON CHQ	2019	8,400.0
BIS-2018-0006-1	TOKUSEN U.S.A., Inc.	7213913011	Granted	22/04/19	United Kingdo	5.5	NO	TIRE CORD	2019	5,000.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213990090	Granted	18/04/19	Germany	46	NO	CARBON CHQ	2019	8,400.0
BIS-2018-0006-3	Topura America Fastener, Inc.	7213913015	Granted	23/08/18	Japan	8	YES	CARBON CHQ (MEXICO CAN MAKE)	2018	1,570.0
BIS-2018-0006-3	Topura America Fastener, Inc.	7213913015	Granted	23/08/18	Japan	7.5	YES	CARBON CHQ (MEXICO CAN MAKE)	2018	570.0
BIS-2018-0006-3	Topura America Fastener, Inc.	7213913015	Granted	23/08/18	Japan	11	YES	CARBON CHQ (MEXICO CAN MAKE)	2018	12.0
BIS-2018-0006-3	Topura America Fastener, Inc.	7213913015	Granted	23/08/18	Canada	10	YES	CARBON CHQ (MEXICO CAN MAKE)	2018	62.0
BIS-2018-0006-4	Metal One America, Inc.	7213913015	Granted	30/08/18	Canada	8	YES	CARBON CHQ (MEXICO CAN MAKE)	2018	1,570.0
BIS-2018-0006-1	TOKUSEN U.S.A., Inc.	7213913011	Granted	22/04/19	Germany	5.5	NO	TIRE CORD	2019	5,000.0
BIS-2018-0006-1	TOKUSEN U.S.A., Inc.	7213913011	Granted	22/04/19	Germany	5.5	NO	TIRE CORD	2019	5,000.0
BIS-2018-0006-4	Metal One America, Inc.	7213913015	Granted	30/08/18	Japan	11	YES	CARBON CHQ (MEXICO CAN MAKE)	2018	12.0
BIS-2018-0006-4	Metal One America, Inc.	7213913015	Granted	30/08/18	Japan	7.5	YES	CARBON CHQ (MEXICO CAN MAKE)	2018	570.0
BIS-2018-0006-4	Metal One America, Inc.	7213913015	Granted	30/08/18	Japan	10	YES	CARBON CHQ (MEXICO CAN MAKE)	2018	62.0
BIS-2018-0006-1	Metal One America, Inc.	7213913015	Granted	09/05/19	Japan	11	YES	CARBON CHQ (MEXICO CAN MAKE)	2019	36.0
BIS-2018-0006-1	Metal One America, Inc.	7213913015	Granted	09/05/19	Japan	10	YES	CARBON CHQ (MEXICO CAN MAKE)	2019	108.0
BIS-2018-0006-1	Metal One America, Inc.	7213913015	Granted	09/05/19	Japan	8	YES	CARBON CHQ (MEXICO CAN MAKE)	2019	2,160.0
BIS-2018-0006-1	MNP CORPORATION	7213913093	Granted	23/04/19	Canada	10.3	YES	ALLOY STEEL (MEXICO CAN MAKE)	2019	2,406.8
BIS-2018-0006-1	Metal One America, Inc.	7213913015	Granted	10/07/19	Japan	7.5	YES	CARBON CHQ (MEXICO CAN MAKE)	2019	900.0
BIS-2018-0006-1	MNP CORPORATION	7227906030	Granted	23/04/19	Canada	10.5	YES	ALLOY STEEL	2019	26.8
BIS-2018-0006-1	MNP CORPORATION	7227906030	Granted	23/04/19	Canada	13.5	YES	ALLOY STEEL	2019	4.3
BIS-2018-0006-1	MNP CORPORATION	7213913093	Granted	23/04/19	Canada	10.3	YES	CARBON CHQ	2019	526.5

BIS-2018-0006-4	Cold Heading Company	7227906030	Granted	30/08/18	Canada		11.1	YES	ALLOY STEEL	2018	20.0
BIS-2018-0006-4	Cold Heading Company	7227906030	Granted	30/08/18	Canada		11.1	YES	ALLOY STEEL	2018	20.0
BIS-2018-0006-1	MNP CORPORATION	7213913093	Granted	23/04/19	Canada		11.5	YES	CARBON CHQ	2019	247.3
BIS-2018-0006-1	MNP CORPORATION	7227906035	Granted	23/04/19	Canada		15.9	YES	ALLOY STEEL	2019	15.6
BIS-2018-0006-1	MNP CORPORATION	7213913093	Granted	23/04/19	Canada		9.5	YES	CARBON CHQ	2019	247.3
BIS-2018-0006-1	MNP CORPORATION	7213913093	Granted	23/04/19	Canada		8.5	YES	CARBON CHQ	2019	734.5
BIS-2018-0006-3	Cold Heading Company	7227906030	Granted	23/08/18	Canada		11.1	YES	ALLOY STEEL	2018	69.9
BIS-2018-0006-4	Cold Heading Company	7227906030	Granted	05/09/18	Canada		10.3	YES	ALLOY STEEL	2018	279.4
BIS-2018-0006-4	Cold Heading Company	7227906030	Granted	30/08/18	Canada		11.8	YES	ALLOY STEEL	2018	10.0
BIS-2018-0006-4	Cold Heading Company	7227906030	Granted	30/08/18	Canada		13.4	YES	ALLOY STEEL	2018	199.6
BIS-2018-0006-3	Cold Heading Company	7227906030	Granted	23/08/18	Canada		13.4	YES	ALLOY STEEL	2018	164.7
BIS-2018-0006-4	Cold Heading Company	7227906035	Granted	30/08/18	Canada		15	YES	ALLOY STEEL	2018	154.7
BIS-2018-0006-3	Cold Heading Company	7227906035	Granted	23/08/18	Canada		15	YES	ALLOY STEEL	2018	239.5
BIS-2018-0006-4	Cold Heading Company	7227906030	Granted	30/08/18	Canada		7.5	YES	ALLOY STEEL	2018	20.0
BIS-2018-0006-4	Cold Heading Company	7227906030	Granted	30/08/18	Canada		9.1	YES	ALLOY STEEL	2018	49.9
BIS-2018-0006-4	Cold Heading Company	7227906030	Granted	30/08/18	Canada		12.2	YES	ALLOY STEEL	2018	494.0
BIS-2018-0006-4	Cold Heading Company	7227906030	Granted	30/08/18	Canada		13.1	YES	ALLOY STEEL	2018	10.0
BIS-2018-0006-3	Cold Heading Company	7227906030	Granted	23/08/18	Canada		13.1	YES	ALLOY STEEL	2018	304.4
BIS-2018-0006-4	Cold Heading Company	7227906035	Granted	30/08/18	Canada		14.6	YES	ALLOY STEEL	2018	104.8
BIS-2018-0006-4	Cold Heading Company	7227906035	Granted	30/08/18	Canada		15.46	YES	ALLOY STEEL	2018	29.9
BIS-2018-0006-3	Heading Company	7227906035	Granted	23/08/18	Canada		15.4	YES	ALLOY STEEL	2018	69.9
BIS-2018-0006-1	AFL Telecommunciations LLC	7213913093	Granted	30/04/19	Canada		7.5	YES	ALLOY BOF	2019	2,300.0
BIS-2018-0006-4	Cold Heading Company	7227906035	Granted	30/08/18	Canada		16.2	YES	ALLOY STEEL	2018	269.4
BIS-2018-0006-9	Okaya (U.S.A.), INC.	7227906035	Granted	12/06/18	Japan		14	YES	CARBON CHQ	2018	1,759.2
BIS-2018-0006-3	O&k American Corp	7213913015	Granted	17/05/18	Japan		12	YES	CARBON CHQ	2018	1.3
BIS-2018-0006-7	O&k American Corp	7213913015	Granted	06/11/18	Japan		12	YES	CARBON CHQ	2018	14.1
BIS-2018-0006-1	AFL Telecommunciations LLC	7213913093	Granted	30/04/19	Canada		7.5	YES	ALLOY BOF	2019	900.0
BIS-2018-0006-1	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	30/04/19	Japan		13.5	YES	CARBON CHQ	2019	48.0
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7213913015	Granted	10/08/18	Japan		12	YES	CARBON BOF	2018	2.6
BIS-2018-0006-7	O&k American Corp	7213990030	Granted	06/11/18	Japan		15	YES	CARBON CHQ	2018	14.0
BIS-2018-0006-3	O&k American Corp	7213990030	Granted	17/05/18	Japan		15	YES	CARBON CHQ	2018	1.3
BIS-2018-0006-1	Nippon Steel & Sumikin Cold Heading Wire In	7213916000	Granted	30/04/19	Japan		10	YES	CARBON CHQ	2019	24.0
BIS-2018-0006-7	O&k American Corp	7213990030	Granted	06/11/18	Japan		15	YES	CARBON CHQ	2018	14.0
BIS-2018-0006-2	Neturen America corporation	7227906030	Granted	19/07/18	Japan		12	YES	CARBON CHQ	2018	4.0
BIS-2018-0006-1	AFL Telecommunciations LLC	7213913093	Granted	30/04/19	Canada		7.5	YES	ALLOY BOF	2019	400.0
BIS-2018-0006-2	Neturen America corporation	7227906030	Granted	19/07/18	Japan		8.5	YES	CARBON CHQ	2018	30.0
BIS-2018-0006-2	Neturen America corporation	7227906030	Granted	19/07/18	Japan	NA		NA	CARBON CHQ	2018	170.0
BIS-2018-0006-2	Neturen America corporation	7227906030	Granted	19/07/18	Japan	NA		NA	CARBON CHQ	2018	110.0

BIS-2018-0006-2	Neturen America corporation	7227906030	Granted	19/07/18	Japan	11	YES	CARBON CHQ	2018	110.0
BIS-2018-0006-2	Neturen America Corporation	7227906030	Granted	19/07/18	Japan	8.5	YES	CARBON CHQ	2018	6.0
BIS-2018-0006-2	Neturen America corporation	7227906030	Granted	19/07/18	Japan	11	YES	CARBON CHQ	2018	20.0
BIS-2018-0006-2	Neturen America corporation	7227906030	Granted	19/07/18	Japan	13	YES	CARBON CHQ	2018	10.0
BIS-2018-0006-2	Neturen America corporation	7227906030	Granted	19/07/18	Japan	17	YES	CARBON CHQ	2018	6.0
BIS-2018-0006-2	Neturen America corporation	7227906030	Granted	19/07/18	Japan	13	YES	CARBON CHQ	2018	20.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	06/05/19	Japan	10.3	YES	ALLOY STEEL	2019	100.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	06/05/19	Japan	11	YES	ALLOY STEEL	2019	150.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	06/05/19	Japan	11.5	YES	ALLOY STEEL	2019	780.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	06/05/19	Japan	12.3	YES	ALLOY STEEL	2019	360.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	06/05/19	Japan	13.5	YES	ALLOY STEEL	2019	468.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	06/05/19	Japan	14.3	YES	ALLOY STEEL	2019	360.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	06/05/19	Japan	15	YES	ALLOY STEEL	2019	80.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	06/05/19	Japan	15.5	YES	ALLOY STEEL	2019	820.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	06/05/19	Japan	18.3	YES	ALLOY STEEL	2019	66.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	06/05/19	Japan	7.5	YES	ALLOY STEEL	2019	100.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	06/05/19	Japan	9.5	YES	ALLOY STEEL	2019	400.0
BIS-2018-0006-1	Blue Ridge Metals Corp.	7227906040	Granted	31/05/19	Japan	19	NO	ALLOY STEEL	2019	77.9
BIS-2018-0006-1	Blue Ridge Metals Corp.	7227906040	Granted	17/07/18	Japan	19	NO	ALLOY STEEL	2018	77.9
BIS-2018-0006-8	Blue Ridge Metals Corp.	7227906040	Granted	07/06/18	Japan	19.5	NO	ALLOY STEEL	2018	77.9
BIS-2018-0006-1	Blue Ridge Metals Corp.	7227906035	Granted	17/07/18	Japan	19	NO	ALLOY STEEL	2018	137.7
BIS-2018-0006-7	Blue Ridge Metals Corp.	7227906035	Granted	01/06/18	Japan	15	YES	ALLOY STEEL	2018	137.7
BIS-2018-0006-1	Blue Ridge Metals Corp.	7227906035	Granted	30/05/19	Japan	18.3	YES	ALLOY STEEL	2019	76.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	10.3	YES	ALLOY STEEL	2018	120.0
BIS-2018-0006-4	Rightway Fasteners Inc.	7227906010	Granted	31/08/18	Japan	10.3	YES	ALLOY STEEL	2018	120.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	11	YES	ALLOY STEEL	2018	192.0
BIS-2018-0006-4	Rightway Fasteners Inc.	7227906010	Granted	31/08/18	Japan	11	YES	ALLOY STEEL	2018	192.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	11.5	YES	ALLOY STEEL	2018	192.0
BIS-2018-0006-4	Rightway Fasteners Inc.	7227906010	Granted	30/08/18	Japan	11.5	YES	ALLOY STEEL	2018	192.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	12.3	YES	ALLOY STEEL	2018	192.0
BIS-2018-0006-4	Rightway Fasteners Inc.	7227906010	Granted	31/08/18	Japan	12.3	YES	ALLOY STEEL	2018	192.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	13	YES	ALLOY STEEL	2018	96.0
BIS-2018-0006-4	Rightway Fasteners Inc.	7227906010	Granted	31/08/18	Japan	13	YES	ALLOY STEEL	2018	96.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	13.5	YES	ALLOY STEEL	2018	468.0
BIS-2018-0006-4	Rightway Fasteners Inc.	7227906010	Granted	31/08/18	Japan	13.5	YES	ALLOY STEEL	2018	468.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	14.3	YES	ALLOY STEEL	2018	360.0
BIS-2018-0006-4	Rightway Fasteners Inc.	7227906010	Granted	31/08/18	Japan	14.3	YES	ALLOY STEEL	2018	360.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	15	YES	ALLOY STEEL	2018	72.0

BIS-2018-0006-4	Rightway Fasteners Inc.	7227906010	Granted	31/08/18	Japan	15	YES	ALLOY STEEL	2018	72.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	15.5	YES	ALLOY STEEL	2018	504.0
BIS-2018-0006-4	Rightway Fasteners Inc.	7227906010	Granted	31/08/18	Japan	15.5	YES	ALLOY STEEL	2018	504.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	18.3	YES	ALLOY STEEL	2018	60.0
BIS-2018-0006-4	Rightway Fasteners Inc.	7227906010	Granted	05/09/18	Japan	18.3	YES	ALLOY STEEL	2018	60.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	25	NO	ALLOY STEEL	2018	120.0
BIS-2018-0006-4	Rightway Fasteners Inc.	7227906010	Granted	31/08/18	Japan	25	NO	ALLOY STEEL	2018	120.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	7.5	YES	ALLOY STEEL	2018	96.0
BIS-2018-0006-4	Rightway Fasteners Inc.	7227906010	Granted	31/08/18	Japan	7.5	YES	ALLOY STEEL	2018	96.0
BIS-2018-0006-4	Dexter Fastener Technologies, Inc.	7227906010	Granted	18/05/18	Japan	8.7	YES	ALLOY STEEL	2018	74.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	25/07/18	Japan	8.7	YES	ALLOY STEEL	2018	74.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	08/05/19	Japan	8.7	YES	ALLOY STEEL	2019	84.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	9.5	YES	ALLOY STEEL	2018	624.0
BIS-2018-0006-4	Rightway Fasteners Inc.	7227906010	Granted	31/08/18	Japan	9.5	YES	ALLOY STEEL	2018	624.0
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan	11.5	YES	ALLOY STEEL	2018	0.0
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan	5.5	YES	ALLOY STEEL	2018	0.0
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan	7.5	YES	ALLOY STEEL	2018	353.7
BIS-2018-0006-7	O&k American Corp	7227906010	Granted	02/11/18	Japan	7.5	YES	ALLOY STEEL	2018	1,693.9
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan	9.5	YES	ALLOY STEEL	2018	161.3
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/05/19	Japan	11.5	YES	ALLOY STEEL	2019	10.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/05/19	Japan	5.5	YES	ALLOY STEEL	2019	53.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	09/04/19	Japan	5.5	YES	ALLOY STEEL	2019	53.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/05/19	Japan	9.5	YES	ALLOY STEEL	2019	89.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	10.3	YES	ALLOY STEEL	2019	376.6
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7227906010	Granted	10/08/18	Japan	11.5	YES	ALLOY BOF	2018	152.7
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	11.5	YES	ALLOY STEEL	2019	1,908.5
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7227906010	Granted	10/08/18	Japan	14	YES	ALLOY BOF	2018	18.8
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	14	YES	ALLOY STEEL	2019	212.1
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	14.8	YES	ALLOY STEEL	2019	44.4
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	17	YES	ALLOY STEEL	2019	162.2
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7227906010	Granted	10/08/18	Japan	5.5	YES	ALLOY STEEL	2018	9.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	5.5	YES	ALLOY STEEL	2019	7,391.7
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	7.5	YES	ALLOY STEEL	2019	12,111.4
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	8.3	YES	ALLOY STEEL	2019	227.2
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7227906010	Granted	10/08/18	Japan	9.5	YES	ALLOY BOF	2018	712.1
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	9.5	YES	ALLOY STEEL	2019	8,508.8
BIS-2018-0006-9	O&k American Corp	7227906010	Granted	14/06/18	Japan	11.5	YES	ALLOY STEEL	2018	9.4
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	17/06/19	Japan	11.5	YES	ALLOY STEEL	2019	10.0

BIS-2018-0006-9	O&k American Corp	7227906010	Granted	14/06/18	Japan	5.5	YES	ALLOY STEEL	2018	53.4
BIS-2018-0006-9	O&k American Corp	7227906010	Granted	14/06/18	Japan	9.5	YES	ALLOY STEEL	2018	88.9
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	17/06/19	Japan	9.5	YES	ALLOY STEEL	2019	89.0
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan	10.3	YES	ALLOY STEEL	2018	25.7
BIS-2018-0006-7	O&k American Corp	7227906010	Granted	06/11/18	Japan	10.3	YES	ALLOY STEEL	2018	120.0
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7227906010	Granted	10/08/18	Japan	10.3	YES	ALLOY BOF	2018	51.3
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan	11.5	YES	ALLOY STEEL	2018	41.4
BIS-2018-0006-7	O&k American Corp	7227906010	Granted	06/11/18	Japan	11.5	YES	ALLOY STEEL	2018	146.8
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7227906010	Granted	10/08/18	Japan	11.5	YES	ALLOY BOF	2018	27.6
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan	5.5	YES	ALLOY STEEL	2018	76.4
BIS-2018-0006-7	O&k American Corp	7227906010	Granted	02/11/18	Japan	5.5	YES	ALLOY STEEL	2018	329.6
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7227906010	Granted	10/08/18	Japan	5.5	YES	ALLOY BOF	2018	50.9
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan	7.5	YES	ALLOY STEEL	2018	257.3
BIS-2018-0006-7	O&k American Corp	7227906010	Granted	02/11/18	Japan	7.5	YES	ALLOY STEEL	2018	3,221.4
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7227906010	Granted	10/08/18	Japan	7.5	YES	ALLOY BOF	2018	525.9
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan	9.5	YES	ALLOY STEEL	2018	416.0
BIS-2018-0006-7	O&k American Corp	7227906010	Granted	02/11/18	Japan	9.5	YES	ALLOY STEEL	2018	2,222.8
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7227906010	Granted	10/08/18	Japan	9.5	YES	ALLOY BOF	2018	312.9
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/05/19	Japan	10.3	YES	ALLOY STEEL	2019	318.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/05/19	Japan	11.5	YES	ALLOY STEEL	2019	676.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/05/19	Japan	14	YES	ALLOY STEEL	2019	42.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/05/19	Japan	5.5	YES	ALLOY STEEL	2019	3,259.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/05/19	Japan	7.5	YES	ALLOY STEEL	2019	4,320.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/05/19	Japan	9.5	YES	ALLOY STEEL	2019	3,330.0
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7227906010	Granted	10/08/18	Japan	10.3	YES	ALLOY BOF	2018	118.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	10.3	YES	ALLOY STEEL	2019	926.5
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7227906010	Granted	10/08/18	Japan	11.5	YES	ALLOY BOF	2018	475.7
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	11.5	YES	ALLOY STEEL	2019	2,508.6
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7227906010	Granted	10/08/18	Japan	14	YES	ALLOY BOF	2018	42.3
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	14	YES	ALLOY STEEL	2019	258.1
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7227906010	Granted	10/08/18	Japan	5.5	YES	ALLOY BOF	2018	2,258.8
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	5.5	YES	ALLOY STEEL	2019	11,130.2
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7227906010	Granted	10/08/18	Japan	7.5	YES	ALLOY BOF	2018	3,319.8
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	7.5	YES	ALLOY STEEL	2019	15,408.0
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7227906010	Granted	10/08/18	Japan	9.5	YES	ALLOY BOF	2018	2,330.1
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	9.5	YES	ALLOY STEEL	2019	10,146.0
BIS-2018-0006-9	O&k American Corp	7227906010	Granted	14/06/18	Japan	10.3	YES	ALLOY STEEL	2018	118.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	17/06/19	Japan	10.3	YES	ALLOY STEEL	2019	318.0

BIS-2018-0006-1	O&k American Corp	7227906010	Granted	13/06/19	Japan		11.5	YES	ALLOY STEEL	2019	676.0
BIS-2018-0006-9	O&k American Corp	7227906010	Granted	14/06/18	Japan		11.5	YES	ALLOY STEEL	2018	475.7
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	13/06/19	Japan		14	YES	ALLOY STEEL	2019	42.0
BIS-2018-0006-9	O&k American Corp	7227906010	Granted	14/06/18	Japan		14	YES	ALLOY STEEL	2018	42.3
BIS-2018-0006-9	O&k American Corp	7227906010	Granted	14/06/18	Japan		5.5	YES	ALLOY STEEL	2018	2,258.8
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	17/06/19	Japan		5.5	YES	ALLOY STEEL	2019	3,259.0
BIS-2018-0006-9	O&k American Corp	7227906010	Granted	14/06/18	Japan		7.5	YES	ALLOY STEEL	2018	3,319.8
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	17/06/19	Japan		7.5	YES	ALLOY STEEL	2019	4,320.0
BIS-2018-0006-9	O&k American Corp	7227906010	Granted	14/06/18	Japan		9.5	YES	ALLOY STEEL	2018	2,330.1
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	17/06/19	Japan		9.5	YES	ALLOY STEEL	2019	3,330.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	28/03/19	Japan		10.7	YES	ALLOY STEEL	2019	750.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	28/03/19	Japan		12.3	YES	ALLOY STEEL	2019	680.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	28/03/19	Japan		5.5	YES	ALLOY STEEL	2019	5,460.0
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan		16	YES	ALLOY STEEL	2018	3.9
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan		13	YES	ALLOY STEEL	2018	1.3
BIS-2018-0006-2	Bucyrus Precision Tech, Inc.	7227906040	Granted	19/07/18	Japan	NA		NA	ALLOY STEEL	2018	800.0
BIS-2018-0006-2	Bucyrus Precision Tech, Inc.	7227906040	Granted	18/07/18	Japan	NA		NA	ALLOY STEEL	2018	1,300.0
BIS-2018-0006-2	Bucyrus Precision Tech, Inc.	7227906040	Granted	18/07/18	Japan	NA		NA	ALLOY STEEL	2018	1,300.0
BIS-2018-0006-2	Bucyrus Precision Tech, Inc.	7227906040	Granted	19/07/18	Japan	NA		NA	ALLOY STEEL	2018	1,300.0
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan		13	YES	ALLOY STEEL	2018	0.0
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7227906010	Granted	10/08/18	Japan		13	YES	ALLOY BOF	2018	32.3
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	17/04/19	Japan		13	YES	ALLOY STEEL	2019	73.9
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	17/04/19	Japan		24	NO	ALLOY STEEL	2019	21.3
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan		8	YES	ALLOY STEEL	2018	52.9
BIS-2018-0006-7	O&k American Corp	7227906010	Granted	02/11/18	Japan		8	YES	ALLOY STEEL	2018	518.7
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7227906010	Granted	10/08/18	Japan		8	YES	ALLOY BOF	2018	105.8
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan		9	YES	ALLOY STEEL	2018	27.1
BIS-2018-0006-7	O&k American Corp	7227906010	Granted	02/11/18	Japan		9	YES	ALLOY STEEL	2018	287.8
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7227906010	Granted	10/08/18	Japan		9	YES	ALLOY BOF	2018	54.2
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	17/04/19	Japan		9	YES	ALLOY STEEL	2019	20.6
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	03/05/19	Japan		8.3	YES	ALLOY STEEL	2019	240.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan		11.5	YES	ALLOY STEEL	2018	96.0
BIS-2018-0006-4	Rightway Fasteners Inc.	7227906010	Granted	30/08/18	Japan		11.5	YES	ALLOY STEEL	2018	96.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan		8.3	YES	ALLOY STEEL	2018	120.0
BIS-2018-0006-4	Rightway Fasteners Inc.	7227906010	Granted	30/08/18	Japan		8.3	YES	ALLOY STEEL	2018	120.0
BIS-2018-0006-1	Blue Ridge Metals Corp.	7227906040	Granted	28/05/19	Japan		19	NO	ALLOY STEEL	2019	220.7
BIS-2018-0006-6	Blue Ridge Metals Corp.	7227906040	Granted	29/05/18	Japan		19	NO	ALLOY STEEL	2018	220.7
BIS-2018-0006-1	Blue Ridge Metals Corp.	7227906040	Granted	17/07/18	Japan		19	NO	ALLOY STEEL	2018	220.7

BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	03/05/19	Japan	9.5	YES	ALLOY STEEL	2019	40.0
BIS-2018-0006-4	Dexter Fastener Technologies, Inc.	7227906010	Granted	18/05/18	Japan	10.7	YES	ALLOY STEEL	2018	5,140.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	25/07/18	Japan	10.7	YES	ALLOY STEEL	2018	5,190.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	06/05/19	Japan	10.7	YES	ALLOY STEEL	2019	5,390.0
BIS-2018-0006-4	Dexter Fastener Technologies, Inc.	7227906010	Granted	18/05/18	Japan	11.5	YES	ALLOY STEEL	2018	1,364.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	25/07/18	Japan	11.5	YES	ALLOY STEEL	2018	1,364.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	06/05/19	Japan	11.5	YES	ALLOY STEEL	2019	1,394.0
BIS-2018-0006-4	Dexter Fastener Technologies, Inc.	7227906010	Granted	18/05/18	Japan	12.7	YES	ALLOY STEEL	2018	3,796.0
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan	26	NO	MICRO ALLOY (DEACERO CAN MAKE)	2018	19.6
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	25/07/18	Japan	12.7	YES	ALLOY STEEL	2018	3,800.0
BIS-2018-0006-3	O&k American Corp	7213990030	Granted	17/05/18	Japan	14	YES	CARBON CHQ	2018	3.9
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan	7.5	YES	ALLOY STEEL	2018	6.5
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan	9.5	YES	MICRO ALLOY (DEACERO CAN MAKE)	2018	33.2
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	06/05/19	Japan	12.7	YES	ALLOY STEEL	2019	3,850.0
BIS-2018-0006-4	Dexter Fastener Technologies, Inc.	7227906010	Granted	18/05/18	Japan	14.3	YES	ALLOY STEEL	2018	1,108.0
BIS-2018-0006-3	O&k American Corp	7213990030	Granted	17/05/18	Japan	16	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	4.9
BIS-2018-0006-3	O&k American Corp	7213990030	Granted	17/05/18	Japan	18	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	289.8
BIS-2018-0006-3	O&k American Corp	7213990030	Granted	17/05/18	Japan	17.5	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	14.2
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	25/07/18	Japan	14.3	YES	ALLOY STEEL	2018	1,108.0
BIS-2018-0006-3	O&k American Corp	7213913015	Granted	17/05/18	Japan	13.5	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	463.2
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	06/05/19	Japan	14.3	YES	ALLOY STEEL	2019	1,128.0
BIS-2018-0006-4	Dexter Fastener Technologies, Inc.	7227906010	Granted	18/05/18	Japan	15.5	YES	ALLOY STEEL	2018	460.0
BIS-2018-0006-3	O&k American Corp	7213913015	Granted	17/05/18	Japan	10.3	YES	CARBON CHQ	2018	10.1
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	25/07/18	Japan	15.5	YES	ALLOY STEEL	2018	460.0
BIS-2018-0006-3	O&k American Corp	7213913015	Granted	17/05/18	Japan	8	YES	CARBON CHQ	2018	6.5
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	25/07/18	Japan	15.5	YES	ALLOY STEEL	2018	460.0
BIS-2018-0006-3	O&k American Corp	7213913015	Granted	17/05/18	Japan	11.5	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	489.1
BIS-2018-0006-3	O&k American Corp	7213990060	Granted	17/05/18	Japan	24	NO	CARBON CHQ	2018	1.2
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	06/05/19	Japan	15.5	YES	ALLOY STEEL	2019	490.0
BIS-2018-0006-3	O&k American Corp	7213913015	Granted	17/05/18	Japan	9.5	YES	CARBON CHQ	2018	18.1
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan	12	YES	ALLOY STEEL	2018	16.5
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	12/07/19	Japan	15.5	YES	ALLOY STEEL	2019	750.0
BIS-2018-0006-3	O&k American Corp	7213913015	Granted	17/05/18	Japan	11	YES	CARBON CHQ	2018	1.3
BIS-2018-0006-4	Dexter Fastener Technologies, Inc.	7227906010	Granted	18/05/18	Japan	17	YES	ALLOY STEEL	2018	890.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	25/07/18	Japan	17	YES	ALLOY STEEL	2018	890.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	06/05/19	Japan	17	YES	ALLOY STEEL	2019	900.0
BIS-2018-0006-3	O&k American Corp	7213913015	Granted	17/05/18	Japan	5.5	YES	CARBON CHQ	2018	1.3
BIS-2018-0006-3	O&k American Corp	7213990030	Granted	17/05/18	Japan	15	YES	CARBON CHQ	2018	7.9

BIS-2018-0006-3	O&k American Corp	7213990030	Granted	17/05/18	Japan	15.5	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	12.0
BIS-2018-0006-4	Dexter Fastener Technologies, Inc.	7227906010	Granted	18/05/18	Japan	7.5	YES	ALLOY STEEL	2018	52.0
BIS-2018-0006-3	O&k American Corp	7213990060	Granted	17/05/18	Japan	25	NO	CARBON STEEL (DEACERO CAN MAKE)	2018	98.6
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	25/07/18	Japan	7.5	YES	ALLOY STEEL	2018	50.0
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan	7.5	YES	MICRO ALLOY (DEACERO CAN MAKE)	2018	41.4
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan	8.3	YES	MICRO ALLOY (DEACERO CAN MAKE)	2018	37.6
BIS-2018-0006-3	O&k American Corp	7213913015	Granted	17/05/18	Japan	10.7	YES	CARBON CHQ	2018	2.6
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan	6.4	YES	MICRO ALLOY (DEACERO CAN MAKE)	2018	1.4
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	06/05/19	Japan	7.5	YES	ALLOY STEEL	2019	60.0
BIS-2018-0006-3	O&k American Corp	7213913015	Granted	17/05/18	Japan	12.3	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	190.0
BIS-2018-0006-4	Dexter Fastener Technologies, Inc.	7227906010	Granted	18/05/18	Japan	8.7	YES	ALLOY STEEL	2018	356.0
BIS-2018-0006-3	O&k American Corp	7213990030	Granted	17/05/18	Japan	17	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	43.2
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	25/07/18	Japan	8.7	YES	ALLOY STEEL	2018	356.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	06/05/19	Japan	8.7	YES	ALLOY STEEL	2019	370.0
BIS-2018-0006-3	O&k American Corp	7213990030	Granted	17/05/18	Japan	17	YES	CARBON CHQ	2018	0.0
BIS-2018-0006-4	Dexter Fastener Technologies, Inc.	7227906010	Granted	18/05/18	Japan	9.5	YES	ALLOY STEEL	2018	1,232.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	25/07/18	Japan	9.5	YES	ALLOY STEEL	2018	1,258.0
BIS-2018-0006-3	O&k American Corp	7213990030	Granted	17/05/18	Japan	15.5	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	33.4
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan	10.3	YES	MICRO ALLOY (DEACERO CAN MAKE)	2018	21.8
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	06/05/19	Japan	9.5	YES	ALLOY STEEL	2019	1,298.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	8	YES	ALLOY STEEL	2019	216.0
BIS-2018-0006-3	O&k American Corp	7213990060	Granted	17/05/18	Japan	20.3	NO	CARBON STEEL (DEACERO CAN MAKE)	2018	35.6
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	06/05/19	Japan	10.7	YES	ALLOY STEEL	2019	96.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/05/19	Japan	10.7	YES	ALLOY STEEL	2019	96.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	06/05/19	Japan	11	YES	ALLOY STEEL	2019	28.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	06/05/19	Japan	11.5	YES	ALLOY STEEL	2019	1,580.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	06/05/19	Japan	12.3	YES	ALLOY STEEL	2019	90.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	03/05/19	Japan	13.5	YES	ALLOY STEEL	2019	320.0
BIS-2018-0006-3	O&k American Corp	7213990030	Granted	17/05/18	Japan	16	YES	CARBON CHQ	2018	13.1
BIS-2018-0006-3	O&k American Corp	7213913015	Granted	17/05/18	Japan	7.5	YES	CARBON CHQ	2018	11.8
BIS-2018-0006-3	O&k American Corp	7213990030	Granted	17/05/18	Japan	14	YES	CARBON CHQ	2018	1.3
BIS-2018-0006-3	O&k American Corp	7213990030	Granted	17/05/18	Japan	16.3	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	186.4
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	03/05/19	Japan	14.3	YES	ALLOY STEEL	2019	500.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	03/05/19	Japan	15.5	YES	ALLOY STEEL	2019	1,200.0
BIS-2018-0006-3	O&k American Corp	7213913015	Granted	17/05/18	Japan	13.5	YES	CARBON CHQ	2018	0.0
BIS-2018-0006-3	O&k American Corp	7213913015	Granted	17/05/18	Japan	6	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	16.9
BIS-2018-0006-3	O&k American Corp	7213990060	Granted	17/05/18	Japan	19	NO	CARBON CHQ	2018	0.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	03/05/19	Japan	16.7	YES	ALLOY STEEL	2019	180.0

BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan	13.5	YES	MICRO ALLOY (DEACERO CAN MAKE)	2018	12.8
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	03/05/19	Japan	18	YES	ALLOY STEEL	2019	340.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	03/05/19	Japan	21	NO	ALLOY STEEL	2019	350.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	06/05/19	Japan	9.5	YES	ALLOY STEEL	2019	460.0
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan	12.3	YES	MICRO ALLOY (DEACERO CAN MAKE)	2018	5.0
BIS-2018-0006-1	Blue Ridge Metals Corp.	7227906035	Granted	31/05/19	Japan	19	NO	ALLOY STEEL	2019	13.0
BIS-2018-0006-3	O&k American Corp	7213913015	Granted	17/05/18	Japan	10.3	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	41.1
BIS-2018-0006-3	O&k American Corp	7213913015	Granted	17/05/18	Japan	9	YES	CARBON CHQ	2018	0.0
BIS-2018-0006-1	Blue Ridge Metals Corp.	7227906035	Granted	25/06/19	Japan	19	NO	ALLOY STEEL	2019	40.0
BIS-2018-0006-3	O&k American Corp	7213990030	Granted	17/05/18	Japan	15	YES	CARBON CHQ	2018	146.7
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan	14	YES	MICRO ALLOY (DEACERO CAN MAKE)	2018	3.9
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan	12	YES	MICRO ALLOY (DEACERO CAN MAKE)	2018	4.0
BIS-2018-0006-1	Blue Ridge Metals Corp.	7227906035	Granted	16/07/18	Japan	19	NO	ALLOY STEEL	2018	13.0
BIS-2018-0006-3	O&k American Corp	7213990030	Granted	17/05/18	Japan	14	YES	CARBON CHQ	2018	116.8
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	10.7	YES	ALLOY STEEL	2018	96.0
BIS-2018-0006-3	O&k American Corp	7213990030	Granted	17/05/18	Japan	17	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	471.7
BIS-2018-0006-4	Rightway Fasteners Inc.	7227906010	Granted	30/08/18	Japan	10.7	YES	ALLOY STEEL	2018	96.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	11	YES	ALLOY STEEL	2018	48.0
BIS-2018-0006-3	O&k American Corp	7213990060	Granted	17/05/18	Japan	20	NO	CARBON CHQ	2018	25.4
BIS-2018-0006-3	O&k American Corp	7213913015	Granted	17/05/18	Japan	13	YES	CARBON CHQ	2018	6.4
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan	8.3	YES	MICRO ALLOY	2018	32.5
BIS-2018-0006-2	Rightway Fasteners Inc.	7227906010	Granted	30/07/18	Japan	11	YES	ALLOY STEEL	2018	48.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	11.5	YES	ALLOY STEEL	2018	756.0
BIS-2018-0006-3	O&k American Corp	7213990060	Granted	17/05/18	Japan	20.3	NO	CARBON CHQ	2018	6.4
BIS-2018-0006-2	Rightway Fasteners Inc.	7227906010	Granted	30/07/18	Japan	11.5	YES	ALLOY STEEL	2018	756.0
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan	10.3	YES	MICRO ALLOY (DEACERO CAN MAKE)	2018	0.0
BIS-2018-0006-3	O&k American Corp	7213913015	Granted	17/05/18	Japan	12.7	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	103.4
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	12.3	YES	ALLOY STEEL	2018	60.0
BIS-2018-0006-3	O&k American Corp	7213990030	Granted	17/05/18	Japan	15.5	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	43.5
BIS-2018-0006-2	Rightway Fasteners Inc.	7227906010	Granted	30/07/18	Japan	12.3	YES	ALLOY STEEL	2018	60.0
BIS-2018-0006-3	O&k American Corp	7213913015	Granted	17/05/18	Japan	12	YES	CARBON CHQ	2018	13.2
BIS-2018-0006-3	O&k American Corp	7213990030	Granted	17/05/18	Japan	15	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	506.6
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	13	YES	ALLOY STEEL	2018	360.0
BIS-2018-0006-2	Rightway Fasteners Inc.	7227906010	Granted	30/07/18	Japan	13	YES	ALLOY STEEL	2018	360.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	13.5	YES	ALLOY STEEL	2018	108.0
BIS-2018-0006-2	Rightway Fasteners Inc.	7227906010	Granted	30/07/18	Japan	13.5	YES	ALLOY STEEL	2018	108.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	14.3	YES	ALLOY STEEL	2018	300.0
BIS-2018-0006-2	Rightway Fasteners Inc.	7227906010	Granted	30/07/18	Japan	14.3	YES	ALLOY STEEL	2018	300.0

BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan	9.5	YES	ALLOY STEEL	2018	15.4
BIS-2018-0006-3	O&k American Corp	7213990030	Granted	17/05/18	Japan	17	YES	CARBON CHQ	2018	57.1
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	15.5	YES	ALLOY STEEL	2018	216.0
BIS-2018-0006-2	Rightway Fasteners Inc.	7227906010	Granted	30/07/18	Japan	15.5	YES	ALLOY STEEL	2018	216.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	16.7	YES	ALLOY STEEL	2018	96.0
BIS-2018-0006-2	Rightway Fasteners Inc.	7227906010	Granted	30/07/18	Japan	16.7	YES	ALLOY STEEL	2018	96.0
BIS-2018-0006-3	O&k American Corp	7213913015	Granted	17/05/18	Japan	10.3	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	41.1
BIS-2018-0006-1	Rightway Fasteners Inc.	7227906010	Granted	27/06/19	Japan	18	YES	ALLOY STEEL	2019	300.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	16/04/19	Japan	18	YES	ALLOY STEEL	2019	300.0
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan	5.5	YES	MICRO ALLOY (DEACERO CAN MAKE)	2018	147.4
BIS-2018-0006-3	O&k American Corp	7213990060	Granted	17/05/18	Japan	32	NO	CARBON CHQ	2018	1.3
BIS-2018-0006-3	O&k American Corp	7213990060	Granted	17/05/18	Japan	19	NO	CARBON STEEL (DEACERO CAN MAKE)	2018	706.0
BIS-2018-0006-1	Rightway Fasteners Inc.	7227906010	Granted	27/06/19	Japan	21	NO	ALLOY STEEL	2019	396.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	16/04/19	Japan	21	NO	ALLOY STEEL	2019	396.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	25/07/18	Japan	8.7	YES	ALLOY STEEL	2018	36.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	9.5	YES	ALLOY STEEL	2018	228.0
BIS-2018-0006-3	O&k American Corp	7213990030	Granted	17/05/18	Japan	18	YES	CARBON CHQ	2018	10.7
BIS-2018-0006-4	Rightway Fasteners Inc.	7227906010	Granted	30/08/18	Canada	9.5	YES	ALLOY STEEL	2018	228.0
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan	10.3	YES	ALLOY STEEL	2018	429.9
BIS-2018-0006-4	Dexter Fastener Technologies, Inc.	7227906010	Granted	18/05/18	Japan	17	YES	ALLOY STEEL	2018	50.0
BIS-2018-0006-4	Dexter Fastener Technologies, Inc.	7227906010	Granted	18/05/18	Japan	14	YES	ALLOY STEEL	2018	42.0
BIS-2018-0006-7	O&k American Corp	7227906010	Granted	02/11/18	Japan	10.3	YES	ALLOY STEEL	2018	2,051.5
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7227906010	Granted	10/08/18	Japan	10.3	YES	ALLOY BOF	2018	852.0
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan	11	YES	ALLOY STEEL	2018	11.6
BIS-2018-0006-4	Dexter Fastener Technologies, Inc.	7227906010	Granted	18/05/18	Japan	12.7	YES	ALLOY STEEL	2018	44.0
BIS-2018-0006-7	O&k American Corp	7227906010	Granted	06/11/18	Japan	11	YES	ALLOY STEEL	2018	222.3
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan	12	YES	ALLOY STEEL	2018	167.1
BIS-2018-0006-4	Dexter Fastener Technologies, Inc.	7227906010	Granted	18/05/18	Japan	12.7	YES	MICRO ALLOY	2018	1,318.0
BIS-2018-0006-7	O&k American Corp	7227906010	Granted	02/11/18	Japan	12	YES	ALLOY STEEL	2018	1,185.5
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7227906010	Granted	10/08/18	Japan	12	YES	ALLOY BOF	2018	167.1
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan	13	YES	ALLOY STEEL	2018	17.9
BIS-2018-0006-7	O&k American Corp	7227906010	Granted	06/11/18	Japan	13	YES	ALLOY STEEL	2018	592.8
BIS-2018-0006-4	Dexter Fastener Technologies, Inc.	7227906010	Granted	18/05/18	Japan	10.7	YES	ALLOY STEEL	2018	144.0
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan	14	YES	ALLOY STEEL	2018	162.7
BIS-2018-0006-7	O&k American Corp	7227906010	Granted	02/11/18	Japan	14	YES	ALLOY STEEL	2018	775.5
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7227906010	Granted	10/08/18	Japan	14	YES	ALLOY BOF	2018	168.9
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan	15	YES	ALLOY STEEL	2018	192.2
BIS-2018-0006-7	O&k American Corp	7227906010	Granted	02/11/18	Japan	15	YES	ALLOY STEEL	2018	2,222.8

BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7227906010	Granted	10/08/18	Japan		15	YES	ALLOY BOF	2018	295.0
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan		17	YES	ALLOY STEEL	2018	84.8
BIS-2018-0006-7	O&k American Corp	7227906010	Granted	02/11/18	Japan		17	YES	ALLOY STEEL	2018	339.6
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	21/05/19	Japan		17	YES	ALLOY STEEL	2019	54.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	21/05/19	Japan		14	YES	ALLOY STEEL	2019	46.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	22/05/19	Japan		14	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	55.5
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	22/05/19	Japan		8.3	YES	MICRO ALLOY (DEACERO CAN MAKE)	2019	56.8
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	22/05/19	Japan		7.5	YES	MICRO ALLOY	2019	4,616.0
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	22/05/19	Canada	NA			MICRO ALLOY	2019	9.5
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	22/05/19	Japan		26	NO	MICRO ALLOY (DEACERO CAN MAKE)	2019	1,603.4
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	22/05/19	Canada	NA			ALLOY STEEL	2019	378.7
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7227906010	Granted	10/08/18	Japan		17	YES	ALLOY BOF	2018	88.6
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan		18	YES	ALLOY STEEL	2018	2.7
BIS-2018-0006-7	O&k American Corp	7227906010	Granted	06/11/18	Japan		18	YES	ALLOY STEEL	2018	22.5
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7227906010	Granted	10/08/18	Japan		18	YES	ALLOY BOF	2018	2.4
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213990060	Granted	23/05/19	Japan		38	NO	CARBON CHQ	2019	230.0
BIS-2018-0006-1	Bekaert Corporation	7213913011	Granted	23/05/19	Japan		5.5	NO	TIRE CORD	2019	55,000.0
BIS-2018-0006-7	O&k American Corp	7227906010	Granted	06/11/18	Japan		19	NO	ALLOY STEEL	2018	40.3
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan		19	NO	ALLOY STEEL	2018	1.3
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan		22	NO	ALLOY STEEL	2018	32.1
BIS-2018-0006-5	Metal One America, Inc.	7227906035	Granted	24/05/18	Japan		14.3	YES	ALLOY BOF	2018	760.0
BIS-2018-0006-7	O&k American Corp	7227906010	Granted	06/11/18	Japan		22	NO	ALLOY STEEL	2018	666.8
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan		24	NO	ALLOY STEEL	2018	277.2
BIS-2018-0006-7	O&k American Corp	77227906010	Granted	02/11/18	Japan		24	NO	ALLOY STEEL	2018	1,345.6
BIS-2018-0006-5	Metal One America, Inc.	7227906035	Granted	24/05/18	Japan		15	YES	ALLOY BOF	2018	20.0
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7227906010	Granted	10/08/18	Japan		24	NO	ALLOY BOF	2018	671.2
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan		7	YES	ALLOY STEEL	2018	14.3
BIS-2018-0006-7	O&k American Corp	7227906010	Granted	06/11/18	Japan		7	YES	ALLOY STEEL	2018	543.4
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	17/04/19	Japan		7.3	YES	ALLOY STEEL	2019	20.4
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	17/04/19	Japan		7.5	YES	ALLOY STEEL	2019	21.5
BIS-2018-0006-7	O&k American Corp	7227906010	Granted	06/11/18	Japan		8	YES	ALLOY STEEL	2018	22.6
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan		8.3	YES	ALLOY STEEL	2018	2.6
BIS-2018-0006-7	O&k American Corp	7227906010	Granted	06/11/18	Japan		8.3	YES	ALLOY STEEL	2018	22.5
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7227906010	Granted	10/08/18	Japan		8.3	YES	ALLOY BOF	2018	5.2
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan		9	YES	ALLOY STEEL	2018	670.3
BIS-2018-0006-7	O&k American Corp	7227906010	Granted	02/11/18	Japan		9	YES	ALLOY STEEL	2018	1,601.9
BIS-2018-0006-7	O&k American Corp	7227906010	Granted	06/11/18	Japan		9	YES	ALLOY STEEL	2018	40.3
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7227906010	Granted	10/08/18	Japan		9	YES	ALLOY BOF	2018	669.4

BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan	9.5	YES	ALLOY STEEL	2018	3.8
BIS-2018-0006-7	O&k American Corp	7227906010	Granted	06/11/18	Japan	9.5	YES	ALLOY STEEL	2018	126.2
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	09/04/19	Japan	14.3	YES	ALLOY STEEL	2019	17.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/05/19	Japan	8	YES	ALLOY STEEL	2019	26.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	06/05/19	Japan	8	YES	ALLOY STEEL	2019	250.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	09/04/19	Japan	8	YES	ALLOY STEEL	2019	26.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	07/05/19	Japan	10.3	YES	ALLOY STEEL	2019	355.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	09/04/19	Japan	10.3	YES	ALLOY STEEL	2019	355.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	07/05/19	Japan	11	YES	ALLOY STEEL	2019	325.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	09/04/19	Japan	11	YES	ALLOY STEEL	2019	325.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	07/05/19	Japan	12	YES	ALLOY STEEL	2019	1,500.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	09/04/19	Japan	12	YES	ALLOY STEEL	2019	1,500.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	07/05/19	Japan	13	YES	ALLOY STEEL	2019	411.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	09/04/19	Japan	13	YES	ALLOY STEEL	2019	411.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	07/05/19	Japan	14.3	YES	ALLOY STEEL	2019	17.0
BIS-2018-0006-5	Metal One America, Inc.	7227906030	Granted	24/05/18	Japan	13	YES	ALLOY BOF	2018	20.0
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	09/04/19	Japan	14.3	YES	ALLOY STEEL	2019	17.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	07/05/19	Japan	15	YES	ALLOY STEEL	2019	2,218.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	09/04/19	Japan	15	YES	ALLOY STEEL	2019	2,218.0
BIS-2018-0006-5	Metal One America, Inc.	7227906035	Granted	24/05/18	Japan	5.5	YES	ALLOY BOF	2018	240.0
BIS-2018-0006-5	Metal One America, Inc.	7227906030	Granted	24/05/18	Japan	13.5	YES	ALLOY BOF	2018	420.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	07/05/19	Japan	15.5	YES	ALLOY STEEL	2019	83.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	09/04/19	Japan	15.5	YES	ALLOY STEEL	2019	83.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	07/05/19	Japan	16	YES	ALLOY STEEL	2019	413.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	09/04/19	Japan	16	YES	ALLOY STEEL	2019	413.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	07/05/19	Japan	17	YES	ALLOY STEEL	2019	264.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	09/04/19	Japan	17	YES	ALLOY STEEL	2019	264.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	07/05/19	Japan	18	YES	ALLOY STEEL	2019	6.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	09/04/19	Japan	18	YES	ALLOY STEEL	2019	6.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	07/05/19	Japan	19	NO	ALLOY STEEL	2019	120.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	09/04/19	Japan	19	NO	ALLOY STEEL	2019	120.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	07/05/19	Japan	22	NO	ALLOY STEEL	2019	812.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	09/04/19	Japan	22	NO	ALLOY STEEL	2019	812.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	09/04/19	Japan	7	YES	ALLOY STEEL	2019	318.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/05/19	Japan	8.3	YES	ALLOY STEEL	2019	62.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	09/04/19	Japan	8.3	YES	ALLOY STEEL	2019	62.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	07/05/19	Japan	9.5	YES	ALLOY STEEL	2019	66.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	09/04/19	Japan	9.5	YES	ALLOY STEEL	2019	66.0

BIS-2018-0006-5	Metal One America, Inc.	7227906035	Granted	24/05/18	Japan	16	YES	ALLOY BOF	2018	10.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	10.3	YES	ALLOY STEEL	2019	1,199.9
BIS-2018-0006-6	Metal One America, Inc.	7227906035	Granted	25/05/18	Japan	18	YES	ALLOY BOF	2018	10.0
BIS-2018-0006-6	Blue Ridge Metals Corp.	7213990060	Granted	25/05/18	Japan	19	NO	CARBON CHQ	2018	329.0
BIS-2018-0006-6	Metal One America, Inc.	7227906035	Granted	25/05/18	Japan	16.7	YES	ALLOY BOF	2018	180.0
BIS-2018-0006-6	Metal One America, Inc.	7227906035	Granted	25/05/18	Japan	14	YES	ALLOY BOF	2018	10.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	11	YES	ALLOY STEEL	2019	1,620.0
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7227906010	Granted	10/08/18	Japan	12	YES	ALLOY BOF	2018	999.6
BIS-2018-0006-6	Metal One America, Inc.	7227906035	Granted	25/05/18	Japan	18.7	YES	ALLOY BOF	2018	10.0
BIS-2018-0006-6	Metal One America, Inc.	7227906035	Granted	25/05/18	Japan	17	YES	ALLOY BOF	2018	10.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	12	YES	ALLOY STEEL	2019	5,831.2
BIS-2018-0006-6	Metal One America, Inc.	7227906040	Granted	25/05/18	Japan	19	NO	ALLOY BOF	2018	10.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	13	YES	ALLOY STEEL	2019	1,442.8
BIS-2018-0006-6	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	29/05/18	Netherlands	21	NO	TOOL STEEL	2018	50.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	14.3	YES	ALLOY STEEL	2019	146.6
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7227906010	Granted	10/08/18	Japan	17.9	YES	ALLOY BOF	2018	1,617.6
BIS-2018-0006-6	Blue Ridge Metals Corp.	7213990060	Granted	29/05/18	Japan	19	NO	CARBON CHQ	2018	753.5
BIS-2018-0006-6	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	29/05/18	Netherlands	18	NO	TOOL STEEL	2018	100.0
BIS-2018-0006-6	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	29/05/18	Netherlands	14	NO	TOOL STEEL	2018	60.0
BIS-2018-0006-6	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	29/05/18	Netherlands	19	NO	TOOL STEEL	2018	50.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	15	YES	ALLOY STEEL	2019	9,647.1
BIS-2018-0006-6	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	29/05/18	Netherlands	23	NO	TOOL STEEL	2018	50.0
BIS-2018-0006-6	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	29/05/18	Netherlands	8	NO	TOOL STEEL	2018	40.0
BIS-2018-0006-6	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	29/05/18	Netherlands	22.5	NO	TOOL STEEL	2018	50.0
BIS-2018-0006-6	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	29/05/18	Netherlands	10	NO	TOOL STEEL	2018	50.0
BIS-2018-0006-6	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	29/05/18	Netherlands	20	NO	TOOL STEEL	2018	100.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	15.5	YES	ALLOY STEEL	2019	665.0
BIS-2018-0006-6	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	29/05/18	Netherlands	11	NO	TOOL STEEL	2018	50.0
BIS-2018-0006-6	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	29/05/18	Netherlands	22	NO	TOOL STEEL	2018	50.0
BIS-2018-0006-6	TN Americas Holding, Inc. (TN Tennessee, LL(	7227902060	Granted	29/05/18	Netherlands	6	NO	TOOL STEEL	2018	10.0
BIS-2018-0006-6	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	29/05/18	Netherlands	12.5	NO	TOOL STEEL	2018	50.0
BIS-2018-0006-6	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	29/05/18	Netherlands	16.5	NO	TOOL STEEL	2018	10.0
BIS-2018-0006-6	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	29/05/18	Netherlands	22.5	NO	TOOL STEEL	2018	50.0
BIS-2018-0006-6	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	29/05/18	Netherlands	9.5	NO	TOOL STEEL	2018	15.0
BIS-2018-0006-6	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	29/05/18	Netherlands	9	NO	TOOL STEEL	2018	40.0
BIS-2018-0006-6	Blue Ridge Metals Corp.	7213990060	Granted	29/05/18	Japan	19	NO	CARBON CHQ	2018	981.8
BIS-2018-0006-6	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	29/05/18	Netherlands	14.5	NO	TOOL STEEL	2018	50.0
BIS-2018-0006-6	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	29/05/18	Netherlands	24	NO	TOOL STEEL	2018	50.0

BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan		16	YES	ALLOY STEEL	2019	3,590.5
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan		17	YES	ALLOY STEEL	2019	1,508.2
BIS-2018-0006-6	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	29/05/18	Netherlands		7	NO	TOOL STEEL	2018	15.0
BIS-2018-0006-6	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	29/05/18	Netherlands		22	NO	TOOL STEEL	2018	50.0
BIS-2018-0006-6	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	29/05/18	Netherlands		5.5	NO	TOOL STEEL	2018	50.0
BIS-2018-0006-6	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	29/05/18	Netherlands		13.5	NO	TOOL STEEL	2018	50.0
BIS-2018-0006-6	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	29/05/18	Netherlands		12	NO	TOOL STEEL	2018	10.0
BIS-2018-0006-6	Blue Ridge Metals Corp.	7213990060	Granted	29/05/18	Japan		19	NO	CARBON CHQ	2018	1,536.8
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7227906010	Granted	10/08/18	Japan		18	YES	ALLOY BOF	2018	5.4
BIS-2018-0006-1	Koyo Bearings North America	7227902060	Granted	29/05/19	Japan	NA		NO	BALL BEARING STEEL	2019	620.7
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan		18	YES	ALLOY STEEL	2019	1,124.1
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan		19	NO	ALLOY STEEL	2019	361.4
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan		22	NO	ALLOY STEEL	2019	3,416.2
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan		24	NO	ALLOY STEEL	2019	1,045.4
BIS-2018-0006-1	Koyo Bearings North America	7227902060	Granted	29/05/19	Japan	NA		NO	BALL BEARING STEEL	2019	227.6
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan		7	YES	ALLOY STEEL	2019	1,168.1
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan		8.3	YES	ALLOY STEEL	2019	158.7
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7227906010	Granted	10/08/18	Japan		9.5	YES	ALLOY BOF	2018	65.6
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan		9.5	YES	ALLOY STEEL	2019	651.2
BIS-2018-0006-1	Beta Steel, LLC	7213913015	Granted	29/05/19	Canada		10.3	YES	CARBON CHQ	2019	192.0
BIS-2018-0006-9	O&k American Corp	7227906010	Granted	14/06/18	Japan		8	YES	ALLOY STEEL	2018	25.9
BIS-2018-0006-1	Koyo Bearings North America	7227902060	Granted	29/05/19	Japan	NA		NO	BALL BEARING STEEL	2019	2,105.6
BIS-2018-0006-9	O&k American Corp	7227906010	Granted	14/06/18	Japan		10.3	YES	ALLOY STEEL	2018	154.9
BIS-2018-0006-1	Koyo Bearings North America	7227902060	Granted	29/05/19	Japan	NA		NO	BALL BEARING STEEL	2019	10.8
BIS-2018-0006-1	Koyo Bearings North America	7227902060	Granted	29/05/19	Japan	NA		NO	BALL BEARING STEEL	2019	948.0
BIS-2018-0006-1	Koyo Bearings North America	7227902060	Granted	29/05/19	Japan	NA		NO	BALL BEARING STEEL	2019	32.7
BIS-2018-0006-1	Beta Steel, LLC	7213913015	Granted	29/05/19	Canada		9.5	YES	CARBON CHQ	2019	71.4
BIS-2018-0006-9	O&k American Corp	7227906010	Granted	14/06/18	Japan		11	YES	ALLOY STEEL	2018	325.0
BIS-2018-0006-1	Beta Steel, LLC	7213913093	Granted	29/05/19	Canada		8.5	YES	CARBON CHQ	2019	325.0
BIS-2018-0006-9	O&k American Corp	7227906010	Granted	14/06/18	Japan		12	YES	ALLOY STEEL	2018	999.6
BIS-2018-0006-1	Koyo Bearings North America	7227902060	Granted	29/05/19	Japan	NA		NO	BALL BEARING STEEL	2019	119.8
BIS-2018-0006-9	O&k American Corp	7227906010	Granted	14/06/18	Japan		13	YES	ALLOY STEEL	2018	211.2
BIS-2018-0006-1	Beta Steel, LLC	7213913015	Granted	29/05/19	Canada		11	YES	CARBON CHQ	2019	125.5
BIS-2018-0006-9	O&k American Corp	7227906010	Granted	14/06/18	Japan		14.3	YES	ALLOY STEEL	2018	16.9
BIS-2018-0006-9	O&k American Corp	7227906010	Granted	14/06/18	Japan		15	YES	ALLOY STEEL	2018	1,617.6
BIS-2018-0006-2	Topura America Fastener, Inc.	7227906010	Granted	19/07/18	Japan		15	YES	ALLOY STEEL	2018	0.6
BIS-2018-0006-1	Beta Steel, LLC	7213913015	Granted	29/05/19	Canada		6.5	YES	CARBON CHQ	2019	165.0
BIS-2018-0006-9	O&k American Corp	7227906010	Granted	14/06/18	Japan		15.5	YES	ALLOY STEEL	2018	82.7

BIS-2018-0006-9	O&k American Corp	7227906010	Granted	14/06/18	Japan		16	YES	ALLOY STEEL	2018	413.2
BIS-2018-0006-9	O&k American Corp	7227906010	Granted	14/06/18	Japan		17	YES	ALLOY STEEL	2018	263.7
BIS-2018-0006-1	Beta Steel, LLC	7213913015	Granted	29/05/19	Canada		12	YES	CARBON CHQ	2019	50.0
BIS-2018-0006-9	O&k American Corp	7227906010	Granted	14/06/18	Japan		18	YES	ALLOY STEEL	2018	5.4
BIS-2018-0006-9	O&k American Corp	7227906010	Granted	14/06/18	Japan		19	NO	ALLOY STEEL	2018	59.6
BIS-2018-0006-9	O&k American Corp	7227906010	Granted	14/06/18	Japan		22	NO	ALLOY STEEL	2018	611.6
BIS-2018-0006-9	O&k American Corp	7227906010	Granted	14/06/18	Japan		7	YES	ALLOY STEEL	2018	167.8
BIS-2018-0006-9	O&k American Corp	7227906010	Granted	14/06/18	Japan		8.3	YES	ALLOY STEEL	2018	31.9
BIS-2018-0006-1	Koyo Bearings North America	7227902060	Granted	29/05/19	Japan	NA		NO	BALL BEARING STEEL	2019	19.6
BIS-2018-0006-9	O&k American Corp	7227906010	Granted	14/06/18	Japan		9.5	YES	ALLOY STEEL	2018	65.6
BIS-2018-0006-1	Koyo Bearings North America	7227902060	Granted	29/05/19	Japan	NA		NO	BALL BEARING STEEL	2019	168.8
BIS-2018-0006-7	Blue Ridge Metals Corp.	7227906030	Granted	01/06/18	Japan		9	YES	ALLOY STEEL	2018	713.7
BIS-2018-0006-3	Blue Ridge Metals Corp.	7213990060	Granted	07/08/18	Japan		9	YES	ALLOY STEEL	2018	713.7
BIS-2018-0006-1	Blue Ridge Metals Corp.	7227906030	Granted	25/06/19	Japan		11	YES	ALLOY STEEL	2019	64.7
BIS-2018-0006-1	Koyo Bearings North America	7227902060	Granted	29/05/19	Japan	NA		NO	BALL BEARING STEEL	2019	228.7
BIS-2018-0006-1	Koyo Bearings North America	7227902060	Granted	29/05/19	Japan	NA		NO	BALL BEARING STEEL	2019	35.9
BIS-2018-0006-6	Blue Ridge Metals Corp.	7227906030	Granted	29/05/18	Japan		14	YES	ALLOY STEEL	2018	117.1
BIS-2018-0006-2	Blue Ridge Metals Corp.	7227906030	Granted	25/07/18	Japan		14	YES	ALLOY STEEL	2018	117.1
BIS-2018-0006-1	Blue Ridge Metals Corp.	7227906030	Granted	22/03/19	Japan		14	YES	ALLOY STEEL	2019	48.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	03/05/19	Japan		10	YES	ALLOY STEEL	2019	40.0
BIS-2018-0006-1	Koyo Bearings North America	7227902060	Granted	29/05/19	Japan	NA		NO	BALL BEARING STEEL	2019	127.9
BIS-2018-0006-1	Koyo Bearings North America	7227902060	Granted	29/05/19	Japan	NA		NO	BALL BEARING STEEL	2019	609.6
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	03/05/19	Japan		10	YES	ALLOY STEEL	2019	600.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	03/05/19	Japan		10.3	YES	ALLOY STEEL	2019	130.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	03/05/19	Japan		10.7	YES	ALLOY STEEL	2019	140.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	03/05/19	Japan		11.5	YES	ALLOY STEEL	2019	1,660.0
BIS-2018-0006-1	Koyo Bearings North America	7227902060	Granted	29/05/19	Japan	NA		NO	BALL BEARING STEEL	2019	198.3
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	03/05/19	Japan		12	YES	ALLOY STEEL	2019	140.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	03/05/19	Japan		12.3	YES	ALLOY STEEL	2019	310.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	03/05/19	Japan		12.7	YES	ALLOY STEEL	2019	130.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	03/05/19	Japan		13.5	YES	ALLOY STEEL	2019	1,700.0
BIS-2018-0006-1	Koyo Bearings North America	7227902060	Granted	29/05/19	Japan	NA		NO	BALL BEARING STEEL	2019	609.6
BIS-2018-0006-1	Koyo Bearings North America	7227902060	Granted	29/05/19	Japan	NA		NO	BALL BEARING STEEL	2019	299.5
BIS-2018-0006-1	Koyo Bearings North America	7227902060	Granted	29/05/19	Japan	NA		NO	BALL BEARING STEEL	2019	59.9
BIS-2018-0006-6	Blue Ridge Metals Corp.	7213990060	Granted	30/05/18	Japan		19	NO	CARBON CHQ	2018	111.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213990060	Granted	30/05/19	Japan		28	NO	CARBON CHQ	2019	142.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213990060	Granted	30/05/19	Japan		20	NO	CARBON CHQ	2019	252.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	03/05/19	Japan		14	YES	ALLOY STEEL	2019	280.0

BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	03/05/19	Japan	14.3	YES	ALLOY STEEL	2019	440.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	03/05/19	Japan	15.5	YES	ALLOY STEEL	2019	800.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	03/05/19	Japan	16.7	YES	ALLOY STEEL	2019	500.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213990060	Granted	30/05/19	Japan	20	NO	CARBON CHQ	2019	100.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	03/05/19	Japan	17.5	YES	ALLOY STEEL	2019	440.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213990060	Granted	30/05/19	Japan	25	NO	CARBON CHQ	2019	126.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	03/05/19	Japan	8.7	YES	ALLOY STEEL	2019	150.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	03/05/19	Japan	9.5	YES	ALLOY STEEL	2019	460.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	10	YES	ALLOY STEEL	2018	36.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213990060	Granted	30/05/19	Japan	21	NO	CARBON CHQ	2019	252.0
BIS-2018-0006-2	Rightway Fasteners Inc.	7227906010	Granted	30/07/18	Japan	10	YES	ALLOY STEEL	2018	36.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	10.3	YES	ALLOY STEEL	2018	192.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	31/05/19	Japan	14	YES	ALLOY STEEL	2019	360.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213990030	Granted	31/05/19	Japan	15.5	YES	CARBON CHQ	2019	360.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	31/05/19	Japan	10	YES	CARBON CHQ	2019	24.0
BIS-2018-0006-2	Rightway Fasteners Inc.	7227906010	Granted	30/07/18	Japan	10.3	YES	ALLOY STEEL	2018	192.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	31/05/19	Japan	10	YES	ALLOY STEEL	2019	360.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	10.7	YES	ALLOY STEEL	2018	168.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	31/05/19	Japan	7.5	YES	ALLOY STEEL	2019	360.0
BIS-2018-0006-2	Rightway Fasteners Inc.	7227906010	Granted	30/07/18	Japan	10.7	YES	ALLOY STEEL	2018	168.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	11.5	YES	ALLOY STEEL	2018	2,520.0
BIS-2018-0006-2	Rightway Fasteners Inc.	7227906010	Granted	30/07/18	Japan	11.5	YES	ALLOY STEEL	2018	2,520.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	31/05/19	Japan	9	YES	MICRO ALLOY	2019	324.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	31/05/19	Japan	10	YES	ALLOY STEEL	2019	180.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	12	YES	ALLOY STEEL	2018	420.0
BIS-2018-0006-2	Rightway Fasteners Inc.	7227906010	Granted	30/07/18	Japan	12	YES	ALLOY STEEL	2018	420.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	12.3	YES	ALLOY STEEL	2018	264.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	31/05/19	Japan	11	YES	MICRO ALLOY	2019	324.0
BIS-2018-0006-2	Rightway Fasteners Inc.	7227906010	Granted	30/07/18	Japan	12.3	YES	ALLOY STEEL	2018	264.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213990060	Granted	31/05/19	Japan	31	NO	CARBON CHQ	2019	306.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	12.7	YES	ALLOY STEEL	2018	120.0
BIS-2018-0006-2	Rightway Fasteners Inc.	7227906010	Granted	30/07/18	Japan	12.7	YES	ALLOY STEEL	2018	120.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	13	YES	ALLOY STEEL	2018	264.0
BIS-2018-0006-2	Rightway Fasteners Inc.	7227906010	Granted	30/07/18	Japan	13	YES	ALLOY STEEL	2018	264.0
BIS-2018-0006-1	Beta Steel, LLC	7213913015	Granted	31/05/19	Canada	11.5	YES	CARBON CHQ	2019	101.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	13.5	YES	ALLOY STEEL	2018	2,040.0
BIS-2018-0006-2	Rightway Fasteners Inc.	7227906010	Granted	30/07/18	Japan	13.5	YES	ALLOY STEEL	2018	2,040.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	14	YES	ALLOY STEEL	2018	264.0

BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	31/05/19	Japan	8	YES	ALLOY STEEL	2019	648.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	31/05/19	Japan	7	YES	ALLOY STEEL	2019	648.0
BIS-2018-0006-2	Rightway Fasteners Inc.	7227906010	Granted	30/07/18	Japan	14	YES	ALLOY STEEL	2018	264.0
BIS-2018-0006-1	Beta Steel, LLC	7213913015	Granted	31/05/19	Canada	11.5	YES	CARBON CHQ	2019	224.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	14.3	YES	ALLOY STEEL	2018	648.0
BIS-2018-0006-1	Beta Steel, LLC	7213913015	Granted	31/05/19	Canada	7.5	YES	CARBON CHQ	2019	55.5
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	31/05/19	Japan	6.5	YES	ALLOY STEEL	2019	360.0
BIS-2018-0006-2	Rightway Fasteners Inc.	7227906010	Granted	30/07/18	Japan	14.3	YES	ALLOY STEEL	2018	648.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	15.5	YES	ALLOY STEEL	2018	1,800.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	31/05/19	Japan	6	YES	ALLOY STEEL	2019	648.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	31/05/19	Japan	12	YES	ALLOY STEEL	2019	360.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213990030	Granted	31/05/19	Japan	18	YES	CARBON CHQ	2019	324.0
BIS-2018-0006-2	Rightway Fasteners Inc.	7227906010	Granted	30/07/18	Japan	15.5	YES	ALLOY STEEL	2018	1,800.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	16.7	YES	ALLOY STEEL	2018	840.0
BIS-2018-0006-2	Rightway Fasteners Inc.	7227906010	Granted	30/07/18	Japan	16.7	YES	ALLOY STEEL	2018	840.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	17.5	YES	ALLOY STEEL	2018	480.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	31/05/19	Japan	7	YES	MICRO ALLOY	2019	144.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	31/05/19	Japan	11.5	YES	MICRO ALLOY	2019	324.0
BIS-2018-0006-2	Rightway Fasteners Inc.	7227906010	Granted	30/07/18	Japan	17.5	YES	ALLOY STEEL	2018	480.0
BIS-2018-0006-1	Beta Steel, LLC	7213913015	Granted	31/05/19	Canada	13	YES	CARBON CHQ	2019	275.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	8.7	YES	ALLOY STEEL	2018	480.0
BIS-2018-0006-2	Rightway Fasteners Inc.	7227906010	Granted	30/07/18	Japan	8.7	YES	ALLOY STEEL	2018	480.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	31/05/19	Japan	9.5	YES	ALLOY STEEL	2019	648.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213990060	Granted	31/05/19	Japan	25	NO	CARBON CHQ	2019	576.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	31/05/19	Japan	10.5	YES	ALLOY STEEL	2019	648.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	9.5	YES	ALLOY STEEL	2018	600.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	31/05/19	Japan	11	YES	ALLOY STEEL	2019	360.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	31/05/19	Japan	6.3	YES	ALLOY STEEL	2019	648.0
BIS-2018-0006-2	Rightway Fasteners Inc.	7227906010	Granted	30/07/18	Japan	9.5	YES	ALLOY STEEL	2018	600.0
BIS-2018-0006-2	Toyota Tsusho America, Inc.	7227906040	Granted	02/08/18	Japan	30	NO	ALLOY STEEL	2018	60.0
BIS-2018-0006-2	Toyota Tsusho America, Inc.	7227906040	Granted	02/08/18	Japan	32	NO	ALLOY STEEL	2018	300.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	12	YES	ALLOY STEEL	2019	44.4
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	31/05/19	Japan	8.5	YES	ALLOY STEEL	2019	180.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	31/05/19	Japan	9	YES	ALLOY STEEL	2019	360.0
BIS-2018-0006-1	O&k American Corp	7227906010	Granted	06/06/19	Japan	18.8	YES	ALLOY STEEL	2019	44.4
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	07/05/19	Japan	38	NO	ALLOY STEEL	2019	720.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	07/05/19	Japan	40	NO	ALLOY STEEL	2019	500.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	31/05/19	Japan	8.5	YES	ALLOY STEEL	2019	360.0

BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	07/05/19	Japan	48	NO	ALLOY STEEL	2019	1,700.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	25/07/18	Japan	40	NO	ALLOY STEEL	2018	480.0
BIS-2018-0006-4	Tsuda USA Corporation	7227906010	Granted	05/09/18	Japan	40	NO	ALLOY STEEL	2018	480.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	25/07/18	Japan	48	NO	ALLOY STEEL	2018	1,800.0
BIS-2018-0006-1	Honda Trading America Corporation	7227906040	Granted	01/05/19	Japan	41.5	NO	ALLOY STEEL	2019	1,300.0
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/05/18	Japan	14	YES	ALLOY STEEL	2018	1.3
BIS-2018-0006-7	O&k American Corp	7227906010	Granted	06/11/18	Japan	14	YES	ALLOY STEEL	2018	14.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	31/05/19	Japan	13	YES	ALLOY STEEL	2019	360.0
BIS-2018-0006-3	Indiana Automotive Fasteners Inc.	7227906010	Granted	10/08/18	Japan	14	YES	ALLOY BOF	2018	2.6
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	03/05/19	Japan	10.7	YES	ALLOY STEEL	2019	36.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	31/05/19	Japan	13.5	YES	CARBON CHQ	2019	48.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	03/05/19	Japan	11.5	YES	ALLOY STEEL	2019	140.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	03/05/19	Japan	12.3	YES	ALLOY STEEL	2019	120.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213990060	Granted	31/05/19	Japan	22	NO	CARBON CHQ	2019	360.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	03/05/19	Japan	13	YES	ALLOY STEEL	2019	60.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	03/05/19	Japan	13.5	YES	ALLOY STEEL	2019	168.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	03/05/19	Japan	14.3	YES	ALLOY STEEL	2019	40.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	03/05/19	Japan	23	NO	ALLOY STEEL	2019	36.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	31/05/19	Japan	7.5	YES	MICRO ALLOY	2019	324.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	10.7	YES	ALLOY STEEL	2018	48.0
BIS-2018-0006-2	Rightway Fasteners Inc.	7227906010	Granted	30/07/18	Japan	10.7	YES	ALLOY STEEL	2018	48.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	11.5	YES	ALLOY STEEL	2018	168.0
BIS-2018-0006-2	Rightway Fasteners Inc.	7227906010	Granted	30/07/18	Japan	11.5	YES	ALLOY STEEL	2018	168.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	12.3	YES	ALLOY STEEL	2018	108.0
BIS-2018-0006-2	Rightway Fasteners Inc.	7227906010	Granted	30/07/18	Japan	12.3	YES	ALLOY STEEL	2018	108.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	13	YES	ALLOY STEEL	2018	60.0
BIS-2018-0006-2	Rightway Fasteners Inc.	7227906010	Granted	30/07/18	Japan	13	YES	ALLOY STEEL	2018	60.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	13.5	YES	ALLOY STEEL	2018	168.0
BIS-2018-0006-2	Rightway Fasteners Inc.	7227906010	Granted	30/07/18	Japan	13.5	YES	ALLOY STEEL	2018	168.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	14.3	YES	ALLOY STEEL	2018	36.0
BIS-2018-0006-2	Rightway Fasteners Inc.	7227906010	Granted	30/07/18	Japan	14.3	YES	ALLOY STEEL	2018	36.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/18	Japan	23	NO	ALLOY STEEL	2018	36.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	31/05/19	Japan	7	YES	MICRO ALLOY	2019	324.0
BIS-2018-0006-2	Rightway Fasteners Inc.	7227906010	Granted	30/07/18	Japan	23	NO	ALLOY STEEL	2018	36.0
BIS-2018-0006-2	Blue Ridge Metals Corp.	7213990060	Granted	03/08/18	Japan	27	NO	ALLOY STEEL	2018	10.0
BIS-2018-0006-1	Blue Ridge Metals Corp.	7213990060	Granted	25/06/19	Japan	19	NO	ALLOY STEEL	2019	100.0
BIS-2018-0006-1	Blue Ridge Metals Corp.	7213990060	Granted	17/07/18	Japan	19	NO	ALLOY STEEL	2018	67.9
BIS-2018-0006-1	Kiswire Pine Bluff	7213913011	Granted	22/04/19	Japan	6	NO	TIRE CORD	2019	300.0

BIS-2018-0006-1	Kiswire Pine Bluff	7213913011	Granted	22/04/19	United Kingdo		5.5	NO	TIRE CORD	2019	1,880.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	13/06/19	Japan		14.3	YES	ALLOY BOF	2019	1,330.0
BIS-2018-0006-1	Kiswire Inc	7213913011	Granted	22/04/19	Spain		5.5	NO	TIRE CORD	2019	1,700.0
BIS-2018-0006-1	Kiswire Inc	7213913011	Granted	22/04/19	Germany		5.5	NO	TIRE CORD	2019	1,000.0
BIS-2018-0006-1	Kiswire Inc	7213913011	Granted	22/04/19	United Kingdo		5.5	NO	TIRE CORD	2019	1,300.0
BIS-2018-0006-1	Kiswire Pine Bluff	7213913011	Granted	22/04/19	Japan		5.5	NO	TIRE CORD	2019	3,000.0
BIS-2018-0006-1	Kiswire Pine Bluff	7213913011	Granted	22/04/19	Spain		5.5	NO	TIRE CORD	2019	1,480.0
BIS-2018-0006-1	The ESAB Group Inc.	7227906020	Granted	13/06/19	Canada		5.8	YES	CARBON STEEL	2019	127.0
BIS-2018-0006-1	Kiswire Pine Bluff	7213913011	Granted	22/04/19	Germany		5.5	NO	TIRE CORD	2019	2,000.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	13/06/19	Japan		5.5	YES	ALLOY BOF	2019	950.0
BIS-2018-0006-1	Kiswire Pine Bluff	7213913011	Granted	22/04/19	Germany		5.5	NO	TIRE CORD	2019	3,000.0
BIS-2018-0006-1	Metal One America, Inc.	7227906035	Granted	13/06/19	Japan		14	YES	ALLOY BOF	2019	1,500.0
BIS-2018-0006-1	Kiswire Pine Bluff	7213913011	Granted	22/04/19	Spain		5.5	NO	TIRE CORD	2019	3,000.0
BIS-2018-0006-1	Kiswire Pine Bluff	7213913011	Granted	22/04/19	Japan		5.5	NO	TIRE CORD	2019	2,500.0
BIS-2018-0006-1	Kiswire Pine Bluff	7213913011	Granted	22/04/19	Spain		5.5	NO	TIRE CORD	2019	120.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906030	Granted	13/06/19	Japan		13.5	YES	ALLOY BOF	2019	940.0
BIS-2018-0006-1	The ESAB Group Inc.	7227906020	Granted	13/06/19	Germany		5.8	YES	CARBON STEEL	2019	300.0
BIS-2018-0006-1	Kiswire Pine Bluff	7213913011	Granted	22/04/19	United Kingdo		5.5	NO	TIRE CORD	2019	120.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	13/06/19	Japan		14	YES	ALLOY BOF	2019	1,490.0
BIS-2018-0006-1	Kiswire Pine Bluff	7213913011	Granted	22/04/19	Japan		5.5	NO	TIRE CORD	2019	200.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	13/06/19	Japan		15	YES	ALLOY BOF	2019	2,020.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	07/05/19	Japan		38	NO	ALLOY STEEL	2019	480.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	25/07/18	Japan		38	NO	ALLOY STEEL	2018	480.0
BIS-2018-0006-1	The ESAB Group Inc.	7227906020	Granted	13/06/19	Germany		5.8	YES	CARBON STEEL (DEACERO CAN MAKE)	2019	144.0
			Granted								
BIS-2018-0006-8	Aiken Precision Technologies, LLC	7227905090		07/06/18	Japan		4.02	YES	MICRO ALLOY	2018	8.0
BIS-2018-0006-8	Aiken Precision Technologies, LLC	7227905090	Granted	07/06/18	Japan		4.9	YES	MICRO ALLOY	2018	8.0
BIS-2018-0006-3	MSSC INC.	7227906035	Granted	07/08/18	Japan		14.7	YES	ALLOY STEEL	2018	1,310.0
BIS-2018-0006-3	ASWPengg	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	2.5
			Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	1.6
BIS-2018-0006-9	O&k American Corp	7227906010	Granted	14/06/18	Japan		21	NO	MICRO ALLOY	2018	2.7
			Granted	14/06/18	Austria	NA		NA	ALLOY STEEL	2018	2.0
			Granted	14/06/18	South Korea	NA		NA	ALLOY STEEL	2018	1.4
			Granted	14/06/18	Germany	NA		NA	ALLOY STEEL	2018	1.0
BIS-2018-0006-9	O&k American Corp	7213913015	Granted	14/06/18	Japan		11	YES	CARBON CHQ	2018	22.2
BIS-2018-0006-3	ASWPengg	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	2.5
			Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	1.6

BIS-2018-0006-9	O&k American Corp	7227906010	Granted	14/06/18	Japan		26	NO	MICRO ALLOY	2018	260.2
			Granted	14/06/18	Austria	NA		NA	ALLOY STEEL	2018	2.0
BIS-2018-0006-9	O&k American Corp	7213913015	Granted	14/06/18	Japan		12	YES	CARBON CHQ	2018	295.3
			Granted	14/06/18	South Korea	NA		NA	ALLOY STEEL	2018	1.4
BIS-2018-0006-9	O&k American Corp	7213913015	Granted	14/06/18	Japan		11	YES	CARBON CHQ	2018	9.1
			Granted	14/06/18	Germany	NA		NA	ALLOY STEEL	2018	1.0
BIS-2018-0006-9	O&k American Corp	7213913015	Granted	14/06/18	Japan		13.5	YES	CARBON CHQ	2018	24.9
BIS-2018-0006-9	O&k American Corp	7213990030	Granted	14/06/18	Japan		16	YES	CARBON CHQ	2018	264.5
BIS-2018-0006-3	ASWPengg	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	2.5
BIS-2018-0006-9	O&k American Corp	7213913015	Granted	14/06/18	Japan		6	YES	CARBON CHQ	2018	435.6
BIS-2018-0006-9	O&k American Corp	7213913015	Granted	14/06/18	Japan		8	YES	CARBON CHQ	2018	91.5
			Granted	14/06/18	Japan	NA		NA	ALLOY STEEL	2018	1.6
			Granted	14/06/18	Austria	NA		NA	ALLOY STEEL	2018	2.0
			Granted	14/06/18	South Korea	NA		NA	ALLOY STEEL	2018	1.4
BIS-2018-0006-9	O&k American Corp	7213990030	Granted	14/06/18	Japan		15	YES	CARBON CHQ	2018	71.5
BIS-2018-0006-9	O&k American Corp	7213913015	Granted	14/06/18	Japan		13	YES	CARBON CHQ	2018	38.5
BIS-2018-0006-9	O&k American Corp	7213913015	Granted	14/06/18	Japan		5.5	YES	CARBON CHQ	2018	14.1
			Granted	14/06/18	Germany	NA		NA	ALLOY STEEL	2018	1.0
BIS-2018-0006-3	ASWPengg	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	2.5
			Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	1.6
			Granted	16/05/18	Austria	NA		NA	ALLOY STEEL	2018	2.0
BIS-2018-0006-9	O&k American Corp	7227906010	Granted	14/06/18	Japan		7.5	YES	ALLOY STEEL	2018	116.9
BIS-2018-0006-9	O&k American Corp	7227906010	Granted	14/06/18	Japan		12.3	YES	MICRO ALLOY	2018	86.9
BIS-2018-0006-9	O&k American Corp	7227906010	Granted	14/06/18	Japan		7.5	YES	MICRO ALLOY	2018	1,216.5
BIS-2018-0006-9	O&k American Corp	7227906010	Granted	14/06/18	Japan		8.3	YES	MICRO ALLOY	2018	555.4
BIS-2018-0006-9	O&k American Corp	7227906010	Granted	14/06/18	Japan		12	YES	ALLOY STEEL	2018	191.0
BIS-2018-0006-9	O&k American Corp	7213990030	Granted	14/06/18	Japan		17	YES	CARBON CHQ	2018	340.9
BIS-2018-0006-9	O&k American Corp	7213913015	Granted	14/06/18	Japan		7.5	YES	CARBON CHQ	2018	82.5
BIS-2018-0006-9	O&k American Corp	7213913015	Granted	14/06/18	Japan		9.5	YES	CARBON CHQ	2018	121.4
			Granted	14/06/18	South Korea	NA		NA	ALLOY STEEL	2018	1.4
BIS-2018-0006-9	O&k American Corp	7227906010	Granted	14/06/18	Japan		14	YES	MICRO ALLOY	2018	45.5
			Granted	14/06/18	Germany	NA		NA	ALLOY STEEL	2018	1.0
BIS-2018-0006-3	ASWPengg	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	2.5
BIS-2018-0006-9	O&k American Corp	7213990030	Granted	14/06/18	Japan		18	YES	CARBON CHQ	2018	157.2
BIS-2018-0006-9	O&k American Corp	7227906010	Granted	14/06/18	Japan		13	YES	MICRO ALLOY	2018	1.6
			Granted	14/06/18	Japan	NA		NA	ALLOY STEEL	2018	1.6
			Granted	14/06/18	Austria	NA		NA	ALLOY STEEL	2018	2.0
			Granted	14/06/18	South Korea	NA		NA	ALLOY STEEL	2018	1.4

BIS-2018-0006-9	O&k American Corp	7213913015	Granted	14/06/18	Japan		12.7	YES	CARBON CHQ	2018	2.6
BIS-2018-0006-9	O&k American Corp	7227906010	Granted	14/06/18	Japan		11.5	YES	MICRO ALLOY	2018	22.3
BIS-2018-0006-9	O&k American Corp	7213913015	Granted	14/06/18	Japan		10	YES	CARBON CHQ	2018	12.6
			Granted	14/06/18	Germany	NA		NA	ALLOY STEEL	2018	1.0
BIS-2018-0006-3	ASWPengg	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	2.5
BIS-2018-0006-9	O&k American Corp	7227906010	Granted	14/06/18	Japan		5.5	YES	MICRO ALLOY	2018	3,560.3
BIS-2018-0006-9	O&k American Corp	7213990030	Granted	14/06/18	Japan		16	YES	CARBON CHQ	2018	270.3
BIS-2018-0006-9	O&k American Corp	7227906010	Granted	14/06/18	Japan		9.5	YES	ALLOY STEEL	2018	108.0
BIS-2018-0006-9	O&k American Corp	7227906010	Granted	14/06/18	Japan		13.5	YES	MICRO ALLOY	2018	43.5
BIS-2018-0006-9	O&k American Corp	7227906010	Granted	14/06/18	Japan		9.5	YES	MICRO ALLOY	2018	531.5
BIS-2018-0006-9	O&k American Corp	7213913015	Granted	14/06/18	Japan		10.3	YES	CARBON CHQ	2018	61.6
BIS-2018-0006-9	O&k American Corp	7213990060	Granted	14/06/18	Japan		20.3	NO	CARBON CHQ	2018	618.1
BIS-2018-0006-9	O&k American Corp	7213990060	Granted	14/06/18	Japan		20	NO	CARBON CHQ	2018	1,070.5
BIS-2018-0006-9	O&k American Corp	7213990060	Granted	14/06/18	Japan		24	NO	CARBON CHQ	2018	2,207.5
BIS-2018-0006-9	O&k American Corp	7213913015	Granted	14/06/18	Japan		9.5	YES	CARBON CHQ	2018	127.3
BIS-2018-0006-9	O&k American Corp	7213990030	Granted	14/06/18	Japan		15.5	YES	CARBON CHQ	2018	687.1
BIS-2018-0006-9	O&k American Corp	7213913015	Granted	14/06/18	Japan		10.7	YES	CARBON CHQ	2018	26.4
BIS-2018-0006-9	O&k American Corp	7213913015	Granted	14/06/18	Japan		10.3	YES	CARBON CHQ	2018	90.5
BIS-2018-0006-9	O&k American Corp	7227906010	Granted	14/06/18	Japan		13	YES	ALLOY STEEL	2018	2.6
BIS-2018-0006-9	O&k American Corp	7213913015	Granted	14/06/18	Japan		13	YES	CARBON CHQ	2018	122.6
			Granted	14/06/18	Japan	NA		NA	ALLOY STEEL	2018	1.6
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	14/06/19	Japan		12.5	YES	MICRO ALLOY	2019	360.0
			Granted	14/06/19	Austria	NA		NA	ALLOY STEEL	2019	2.0
			Granted	14/06/19	South Korea	NA		NA	ALLOY STEEL	2019	1.4
			Granted	14/06/19	Germany	NA		NA	ALLOY STEEL	2019	1.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	14/06/19	Japan		8	YES	MICRO ALLOY	2019	54.0
BIS-2018-0006-3	ASWPengg	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	2.5
			Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	1.6
			Granted	16/05/18	Austria	NA		NA	ALLOY STEEL	2018	2.0
			Granted	16/05/18	South Korea	NA		NA	ALLOY STEEL	2018	1.4
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906035	Granted	14/06/19	Japan		14.5	YES	MICRO ALLOY	2019	252.0
			Granted	14/06/19	Germany	NA		NA	ALLOY STEEL	2019	1.0
BIS-2018-0006-3	ASWPengg	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	2.5
			Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	1.6
			Granted	16/05/18	Austria	NA		NA	ALLOY STEEL	2018	2.0
BIS-2018-0006-1	The ESAB Group Inc.	7227906020	Granted	14/06/19	Netherlands		5.8	YES	CARBON STEEL	2019	275.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	14/06/19	Japan		9.5	YES	MICRO ALLOY	2019	108.0
			Granted	14/06/19	South Korea	NA		NA	ALLOY STEEL	2019	1.4

BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	14/06/19	Japan		7.5	YES	MICRO ALLOY	2019	360.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	14/06/19	Japan		9	YES	MICRO ALLOY	2019	144.0
			Granted	14/06/19	Germany	NA		NA	ALLOY STEEL	2019	1.0
BIS-2018-0006-3	ASWPengg	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	2.5
			Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	1.6
			Granted	16/05/18	Austria	NA		NA	ALLOY STEEL	2018	2.0
			Granted	16/05/18	South Korea	NA		NA	ALLOY STEEL	2018	1.4
			Granted	16/05/18	Germany	NA		NA	ALLOY STEEL	2018	1.0
BIS-2018-0006-3	ASWPengg	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	2.5
			Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	1.6
			Granted	16/05/18	Austria	NA		NA	ALLOY STEEL	2018	2.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	14/06/19	Japan		8.3	YES	MICRO ALLOY	2019	360.0
			Granted	14/06/19	South Korea	NA		NA	ALLOY STEEL	2019	1.4
			Granted	14/06/19	Germany	NA		NA	ALLOY STEEL	2019	1.0
BIS-2018-0006-3	ASWPengg	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	2.5
BIS-2018-0006-3	ASWPengg	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	2.5
BIS-2018-0006-3	ASWPengg	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	2.5
			Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	1.6
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213990060	Granted	14/06/19	Japan		30	NO	CARBON CHQ	2019	324.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7213916000	Granted	14/06/19	Japan		7	YES	CARBON CHQ	2019	72.0
			Granted	14/06/19	Austria	NA		NA	ALLOY STEEL	2019	2.0
			Granted	14/06/19	South Korea	NA		NA	ALLOY STEEL	2019	1.4
			Granted	14/06/19	Germany	NA		NA	ALLOY STEEL	2019	1.0
BIS-2018-0006-3	ASWPengg	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	2.5
			Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	1.6
			Granted	16/05/18	Austria	NA		NA	ALLOY STEEL	2018	2.0
			Granted	16/05/18	South Korea	NA		NA	ALLOY STEEL	2018	1.4
			Granted	16/05/18	Germany	NA		NA	ALLOY STEEL	2018	1.0
BIS-2018-0006-3	ASWPengg	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	2.5
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	14/06/19	Japan		5.5	YES	MICRO ALLOY	2019	3,600.0
			Granted	15/06/19	Japan	NA		NA	ALLOY STEEL	2019	1.6
			Granted	16/06/19	Austria	NA		NA	ALLOY STEEL	2019	2.0
			Granted	17/06/19	South Korea	NA		NA	ALLOY STEEL	2019	1.4
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	14/06/19	Japan		7.4	YES	MICRO ALLOY	2019	720.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	14/06/19	Japan		12	YES	MICRO ALLOY	2019	36.0
			Granted	14/06/19	Germany	NA		NA	ALLOY STEEL	2019	1.0
BIS-2018-0006-3	ASWPengg	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	2.5
			Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	1.6

			Granted	16/05/18	Austria	NA		NA	ALLOY STEEL	2018	2.0
BIS-2018-0006-1	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	14/06/19	Japan		6.7	YES	MICRO ALLOY	2019	108.0
			Granted	14/06/19	South Korea	NA		NA	ALLOY STEEL	2019	1.4
			Granted	14/06/19	Germany	NA		NA	ALLOY STEEL	2019	1.0
BIS-2018-0006-1	ASWPengg	7227906030	Granted	20/06/18	Japan	NA		NA	ALLOY STEEL	2018	2,500.0
			Granted	20/06/18	Japan	NA		NA	ALLOY STEEL	2018	1,600.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213913015	Granted	17/06/19	Japan		11.5	YES	CARBON CHQ	2019	26.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213990060	Granted	17/06/19	Japan		28	NO	CARBON CHQ	2019	38.0
			Granted	17/06/19	Austria	NA		NA	ALLOY STEEL	2019	2,000.0
			Granted	17/06/19	South Korea	NA		NA	ALLOY STEEL	2019	1,400.0
			Granted	17/06/19	Germany	NA		NA	ALLOY STEEL	2019	1,000.0
BIS-2018-0006-1	Metal One America, Inc.	7227906035	Granted	17/06/19	Japan		17.5	YES	ALLOY BOF	2019	10.0
BIS-2018-0006-1	ASWPengg	7227906030	Granted	20/06/18	Japan	NA		NA	ALLOY STEEL	2018	2,500.0
BIS-2018-0006-1	The ESAB Group Inc.	7227906020	Granted	17/06/19	Canada		5.8	YES	CARBON STEEL	2019	440.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213990060	Granted	17/06/19	Japan		20	NO	CARBON CHQ	2019	126.0
			Granted	17/06/19	Japan	NA		NA	ALLOY STEEL	2019	1,600.0
			Granted	17/06/19	Austria	NA		NA	ALLOY STEEL	2019	2,000.0
			Granted	17/06/19	South Korea	NA		NA	ALLOY STEEL	2019	1,400.0
			Granted	17/06/19	Germany	NA		NA	ALLOY STEEL	2019	1,000.0
BIS-2018-0006-1	ASWPengg	7227906030	Granted	20/06/18	Japan	NA		NA	ALLOY STEEL	2018	2,500.0
			Granted	20/06/18	Japan	NA		NA	ALLOY STEEL	2018	1,600.0
			Granted	20/06/18	Austria	NA		NA	ALLOY STEEL	2018	2,000.0
BIS-2018-0006-1	Acument Global Technologies, Inc.	7213913015	Granted	19/06/19	Canada		5.75	YES	CARBON CHQ	2019	475.0
BIS-2018-0006-1	Acument Global Technologies, Inc.	7213913015	Granted	19/06/19	Canada		5.4	YES	CARBON CHQ	2019	50.0
BIS-2018-0006-1	Acument Global Technologies, Inc.	7213913015	Granted	19/06/19	Canada		7.7	YES	CARBON CHQ	2019	400.0
BIS-2018-0006-1	Acument Global Technologies, Inc.	7213913015	Granted	19/06/19	Canada		11	YES	CARBON CHQ	2019	40.0
BIS-2018-0006-1	Acument Global Technologies, Inc.	7213913015	Granted	19/06/19	Canada		11.75	YES	CARBON CHQ	2019	15.0
BIS-2018-0006-1	Acument Global Technologies, Inc.	7213913015	Granted	19/06/19	Canada		8.15	YES	CARBON CHQ	2019	375.0
BIS-2018-0006-1	Acument Global Technologies, Inc.	7213990030	Granted	19/06/19	Canada		4.75	YES	CARBON CHQ	2019	300.0
			Granted	19/06/19	South Korea	NA		NA	ALLOY STEEL	2019	1,400.0
			Granted	19/06/19	Germany	NA		NA	ALLOY STEEL	2019	1,000.0
BIS-2018-0006-1	ASWPengg	7227906030	Granted	20/06/18	Japan	NA		NA	ALLOY STEEL	2018	2,500.0
			Granted	20/06/18	Japan	NA		NA	ALLOY STEEL	2018	1,600.0
			Granted	20/06/18	Austria	NA		NA	ALLOY STEEL	2018	2,000.0
			Granted	20/06/18	South Korea	NA		NA	ALLOY STEEL	2018	1,400.0
			Granted	20/06/18	Germany	NA		NA	ALLOY STEEL	2018	1,000.0
BIS-2018-0006-2	ASWPengg	7227906030	Granted	02/08/18	Japan	NA		NA	ALLOY STEEL	2018	2,500.0
		7227906030	Granted	02/08/18	Japan	NA		NA	ALLOY STEEL	2018	1,600.0

		7227906030	Granted	02/08/18	Austria	NA		NA	ALLOY STEEL	2018	2,000.0
		7227906030	Granted	02/08/18	South Korea	NA		NA	ALLOY STEEL	2018	1,400.0
		7227906030	Granted	02/08/18	Germany	NA		NA	ALLOY STEEL	2018	1,000.0
BIS-2018-0006-2	ASWPengg	7227906030	Granted	02/08/18	Japan	NA		NA	ALLOY STEEL	2018	2,500.0
		7227906030	Granted	02/08/18	Japan	NA		NA	ALLOY STEEL	2018	1,600.0
		7227906030	Granted	02/08/18	Austria	NA		NA	ALLOY STEEL	2018	2,000.0
		7227906030	Granted	02/08/18	South Korea	NA		NA	ALLOY STEEL	2018	1,400.0
		7227906030	Granted	02/08/18	Germany	NA		NA	ALLOY STEEL	2018	1,000.0
BIS-2018-0006-2	ASWPengg	7227906030	Granted	02/08/18	Japan	NA		NA	ALLOY STEEL	2018	2,500.0
		7227906030	Granted	02/08/18	Japan	NA		NA	ALLOY STEEL	2018	1,600.0
		7227906030	Granted	02/08/18	Austria	NA		NA	ALLOY STEEL	2018	2,000.0
		7227906030	Granted	02/08/18	South Korea	NA		NA	ALLOY STEEL	2018	1,400.0
BIS-2018-0006-1	NSK Corporation	7227901030	Granted	20/06/19	Japan		9.9	NO	BALL BEARING STEEL	2019	550.0
BIS-2018-0006-1	Nippon Steel & Sumikin Cold Heading Wire In	7227906035	Granted	20/06/19	Japan		14	YES	ALLOY STEEL	2019	360.0
BIS-2018-0006-1	NSK Corporation	7227902030	Granted	20/06/19	Japan		8.3	NO	BALL BEARING STEEL	2019	15.0
		7227906030	Granted	21/06/19	Germany	NA		NA	ALLOY STEEL	2019	1,000.0
BIS-2018-0006-1	NSK Corporation	7227902030	Granted	20/06/19	Japan		8.9	NO	BALL BEARING STEEL	2019	500.0
BIS-2018-0006-1	NSK Corporation	7227902030	Granted	20/06/19	Japan		8.1	NO	BALL BEARING STEEL	2019	500.0
BIS-2018-0006-1	NSK Corporation	7227901030	Granted	20/06/19	Japan		5.7	NO	BALL BEARING STEEL	2019	175.0
BIS-2018-0006-1	NSK Corporation	7227901030	Granted	20/06/19	Japan		6.8	NO	BALL BEARING STEEL	2019	350.0
BIS-2018-0006-2	ASWPengg	7227906030	Granted	02/08/18	Japan	NA		NA	ALLOY STEEL	2018	2,500.0
BIS-2018-0006-1	Emerald Steel Processing	7213990060	Granted	21/06/19	Canada		23	NO	CARBON CHQ	2019	7,000.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	24/06/19	Netherlands		5.5	NO	TOOL STEEL	2019	50.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	24/06/19	Netherlands		9	NO	TOOL STEEL	2019	40.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	24/06/19	Netherlands		18	NO	TOOL STEEL	2019	100.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	24/06/19	Netherlands		19	NO	TOOL STEEL	2019	50.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	24/06/19	Netherlands		6	NO	TOOL STEEL	2019	10.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	24/06/19	Netherlands		13.5	NO	TOOL STEEL	2019	50.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	24/06/19	Netherlands		16.5	NO	TOOL STEEL	2019	10.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	24/06/19	Netherlands		12	NO	TOOL STEEL	2019	10.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	24/06/19	Netherlands		9.5	NO	TOOL STEEL	2019	15.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	24/06/19	Netherlands		14.5	NO	TOOL STEEL	2019	50.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	24/06/19	Netherlands		14	NO	TOOL STEEL	2019	60.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	24/06/19	Netherlands		10	NO	TOOL STEEL	2019	50.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	24/06/19	Netherlands		8	NO	TOOL STEEL	2019	40.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	24/06/19	Netherlands		12.5	NO	TOOL STEEL	2019	50.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	24/06/19	Netherlands		11	NO	TOOL STEEL	2019	50.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	24/06/19	Netherlands		20	NO	TOOL STEEL	2019	100.0

BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	24/06/19	Netherlands		7	NO	TOOL STEEL	2019	15.0
		7227906030	Granted	24/06/19	Japan	NA		NA	ALLOY STEEL	2019	1,600.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	25/06/19	Netherlands		22.5	NO	TOOL STEEL	2019	50.0
BIS-2018-0006-1	Universal Bearings, LLC	7227902060	Granted	25/06/19	France		10	NO	BALL BEARING STEEL	2019	40.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	25/06/19	Netherlands		22	NO	TOOL STEEL	2019	50.0
BIS-2018-0006-1	Universal Bearings, LLC	7227902060	Granted	25/06/19	France		11	NO	BALL BEARING STEEL	2019	290.0
BIS-2018-0006-1	Blue Ridge Metals Corp.	7213990060	Granted	25/06/19	Japan		19	NO	CARBON CHQ	2019	40.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	25/06/19	Netherlands		24	NO	TOOL STEEL	2019	50.0
BIS-2018-0006-1	TOKUSEN U.S.A., Inc.	7213913011	Granted	25/06/19	Brazil		6	NO	TIRE CORD	2019	40,000.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	25/06/19	Netherlands		5.5	NO	TOOL STEEL	2019	10.0
BIS-2018-0006-1	Universal Bearings, LLC	7227902060	Granted	25/06/19	France		8.5	NO	BALL BEARING STEEL	2019	26.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	25/06/19	Netherlands		22	NO	TOOL STEEL	2019	50.0
		7227906030	Granted	25/06/19	Austria	NA		NA	ALLOY STEEL	2019	2,000.0
		7227906030	Granted	25/06/19	South Korea	NA		NA	ALLOY STEEL	2019	1,400.0
BIS-2018-0006-1	Universal Bearings, LLC	7227902060	Granted	25/06/19	France		7.5	NO	BALL BEARING STEEL	2019	38.0
		7227906030	Granted	25/06/19	Germany	NA		NA	ALLOY STEEL	2019	1,000.0
BIS-2018-0006-1	Universal Bearings, LLC	7227902060	Granted	25/06/19	France		6.5	NO	BALL BEARING STEEL	2019	60.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	25/06/19	Netherlands		23	NO	TOOL STEEL	2019	50.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	25/06/19	Netherlands		22.5	NO	TOOL STEEL	2019	50.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	25/06/19	Netherlands		21	NO	TOOL STEEL	2019	50.0
BIS-2018-0006-1	Universal Bearings, LLC	7227902060	Granted	25/06/19	France		5.5	NO	BALL BEARING STEEL	2019	450.0
BIS-2018-0006-2	ASWPengg	7227906030	Granted	02/08/18	Japan	NA		NA	ALLOY STEEL	2018	2,500.0
BIS-2018-0006-1	Universal Bearings, LLC	7227902060	Granted	26/06/19	Japan		5.5	NO	BALL BEARING STEEL	2019	970.0
BIS-2018-0006-1	Universal Bearings, LLC	7227902060	Granted	26/06/19	France		12	NO	BALL BEARING STEEL	2019	40.0
BIS-2018-0006-1	Universal Bearings, LLC	7227902060	Granted	26/06/19	Japan		7.5	NO	BALL BEARING STEEL	2019	60.0
BIS-2018-0006-1	Universal Bearings, LLC	7227902060	Granted	26/06/19	Japan		13.5	NO	BALL BEARING STEEL	2019	60.0
BIS-2018-0006-1	Universal Bearings, LLC	7227902060	Granted	26/06/19	Japan		12	NO	BALL BEARING STEEL	2019	60.0
BIS-2018-0006-1	Universal Bearings, LLC	7227902060	Granted	26/06/19	Japan		8.5	NO	BALL BEARING STEEL	2019	80.0
BIS-2018-0006-1	Universal Bearings, LLC	7227902060	Granted	26/06/19	France		13.5	NO	BALL BEARING STEEL	2019	40.0
BIS-2018-0006-1	Universal Bearings, LLC	7227902060	Granted	26/06/19	France		14.5	NO	BALL BEARING STEEL	2019	60.0
BIS-2018-0006-1	Universal Bearings, LLC	7227902060	Granted	26/06/19	Japan		10	NO	BALL BEARING STEEL	2019	260.0
BIS-2018-0006-1	Universal Bearings, LLC	7227902060	Granted	26/06/19	Japan		11	NO	BALL BEARING STEEL	2019	500.0
BIS-2018-0006-1	Universal Bearings, LLC	7227902060	Granted	26/06/19	Japan		6.5	NO	BALL BEARING STEEL	2019	79.0
BIS-2018-0006-1	Universal Bearings, LLC	7227902060	Granted	26/06/19	Japan		14.5	NO	BALL BEARING STEEL	2019	80.0
BIS-2018-0006-1	Universal Bearings, LLC	7227902060	Granted	26/06/19	France		5.5	NO	BALL BEARING STEEL	2019	10.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	27/06/18	Netherlands		5.5	NO	TOOL STEEL	2018	10.0
		7227906030	Granted	27/06/18	Japan	NA		NA	ALLOY STEEL	2018	1,600.0
		7227906030	Granted	27/06/18	Austria	NA		NA	ALLOY STEEL	2018	2,000.0

		7227906030	Granted	27/06/18	South Korea	NA		NA	ALLOY STEEL	2018	1,400.0
BIS-2018-0006-1	TN Americas Holding, Inc. (TN Georgia, Inc.)	7227902060	Granted	27/06/19	Japan		10	NO	BALL BEARING STEEL	2019	200.0
		7227906030	Granted	27/06/19	Germany	NA		NA	ALLOY STEEL	2019	1,000.0
BIS-2018-0006-2	ASWPengg	7227906030	Granted	02/08/18	Japan	NA		NA	ALLOY STEEL	2018	2,500.0
		7227906030	Granted	02/08/18	Japan	NA		NA	ALLOY STEEL	2018	1,600.0
		7227906030	Granted	02/08/18	Austria	NA		NA	ALLOY STEEL	2018	2,000.0
		7227906030	Granted	02/08/18	South Korea	NA		NA	ALLOY STEEL	2018	1,400.0
		7227906030	Granted	02/08/18	Germany	NA		NA	ALLOY STEEL	2018	1,000.0
BIS-2018-0006-2	ASWPengg	7227906030	Granted	02/08/18	Japan	NA		NA	ALLOY STEEL	2018	2,500.0
		7227906030	Granted	02/08/18	Japan	NA		NA	ALLOY STEEL	2018	1,600.0
		7227906030	Granted	02/08/18	Austria	NA		NA	ALLOY STEEL	2018	2,000.0
		7227906030	Granted	02/08/18	South Korea	NA		NA	ALLOY STEEL	2018	1,400.0
		7227906030	Granted	02/08/18	Germany	NA		NA	ALLOY STEEL	2018	1,000.0
BIS-2018-0006-2	ASWPengg	7227906030	Granted	02/08/18	Japan	NA		NA	ALLOY STEEL	2018	2,500.0
		7227906030	Granted	02/08/18	Japan	NA		NA	ALLOY STEEL	2018	1,600.0
		7227906030	Granted	02/08/18	Austria	NA		NA	ALLOY STEEL	2018	2,000.0
		7227906030	Granted	02/08/18	South Korea	NA		NA	ALLOY STEEL	2018	1,400.0
		7227906030	Granted	02/08/18	Germany	NA		NA	ALLOY STEEL	2018	1,000.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906040	Granted	29/06/18	Japan		21	NO	TOOL STEEL	2018	370.0
BIS-2018-0006-2	ASWPengg	7227906030	Granted	02/08/18	Japan	NA		NA	ALLOY STEEL	2018	2,500.0
		7227906030	Granted	02/08/18	Japan	NA		NA	ALLOY STEEL	2018	1,600.0
		7227906030	Granted	02/08/18	Austria	NA		NA	ALLOY STEEL	2018	2,000.0
		7227906030	Granted	02/08/18	South Korea	NA		NA	ALLOY STEEL	2018	1,400.0
		7227906030	Granted	02/08/18	Germany	NA		NA	ALLOY STEEL	2018	1,000.0
BIS-2018-0006-2	ASWPengg	7227906030	Granted	02/08/18	Japan	NA		NA	ALLOY STEEL	2018	2,500.0
		7227906030	Granted	02/08/18	Japan	NA		NA	ALLOY STEEL	2018	1,600.0
		7227906030	Granted	02/08/18	Austria	NA		NA	ALLOY STEEL	2018	2,000.0
		7227906030	Granted	02/08/18	South Korea	NA		NA	ALLOY STEEL	2018	1,400.0
		7227906030	Granted	02/08/18	Germany	NA		NA	ALLOY STEEL	2018	1,000.0
BIS-2018-0006-2	ASWPengg	7227906030	Granted	02/08/18	Japan	NA		NA	ALLOY STEEL	2018	2,500.0
		7227906030	Granted	02/08/18	Japan	NA		NA	ALLOY STEEL	2018	1,600.0
		7227906030	Granted	02/08/18	Austria	NA		NA	ALLOY STEEL	2018	2,000.0
		7227906030	Granted	02/08/18	South Korea	NA		NA	ALLOY STEEL	2018	1,400.0
		7227906030	Granted	02/08/18	Germany	NA		NA	ALLOY STEEL	2018	1,000.0
BIS-2018-0006-2	ASWPengg	7227906030	Granted	02/08/18	Japan	NA		NA	ALLOY STEEL	2018	2,500.0
		7227906030	Granted	02/08/18	Japan	NA		NA	ALLOY STEEL	2018	1,600.0
		7227906030	Granted	02/08/18	Austria	NA		NA	ALLOY STEEL	2018	2,000.0
		7227906030	Granted	02/08/18	South Korea	NA		NA	ALLOY STEEL	2018	1,400.0

		7227906030	Granted	02/08/18	Germany	NA		NA	ALLOY STEEL	2018	1,000.0
BIS-2018-0006-2	ASWPengg	7227906030	Granted	02/08/18	Japan	NA		NA	ALLOY STEEL	2018	2,500.0
		7227906030	Granted	02/08/18	Japan	NA		NA	ALLOY STEEL	2018	1,600.0
		7227906030	Granted	02/08/18	Austria	NA		NA	ALLOY STEEL	2018	2,000.0
		7227906030	Granted	02/08/18	South Korea	NA		NA	ALLOY STEEL	2018	1,400.0
		7227906030	Granted	02/08/18	Germany	NA		NA	ALLOY STEEL	2018	1,000.0
BIS-2018-0006-2	ASWPengg	7227906030	Granted	02/08/18	Japan	NA		NA	ALLOY STEEL	2018	2,500.0
		7227906030	Granted	02/08/18	Japan	NA		NA	ALLOY STEEL	2018	1,600.0
		7227906030	Granted	02/08/18	Austria	NA		NA	ALLOY STEEL	2018	2,000.0
		7227906030	Granted	02/08/18	South Korea	NA		NA	ALLOY STEEL	2018	1,400.0
		7227906030	Granted	02/08/18	Germany	NA		NA	ALLOY STEEL	2018	1,000.0
BIS-2018-0006-2	ASWPengg	7227906030	Granted	02/08/18	Japan	NA		NA	ALLOY STEEL	2018	2,500.0
		7227906030	Granted	02/08/18	Japan	NA		NA	ALLOY STEEL	2018	1,600.0
		7227906030	Granted	02/08/18	Austria	NA		NA	ALLOY STEEL	2018	2,000.0
		7227906030	Granted	02/08/18	South Korea	NA		NA	ALLOY STEEL	2018	1,400.0
		7227906030	Granted	02/08/18	Germany	NA		NA	ALLOY STEEL	2018	1,000.0
BIS-2018-0006-2	ASWPengg	7227906030	Granted	02/08/18	Japan	NA		NA	ALLOY STEEL	2018	2,500.0
			Granted	02/08/18	Japan	NA		NA	ALLOY STEEL	2018	1,600.0
			Granted	02/08/18	Austria	NA		NA	ALLOY STEEL	2018	2,000.0
			Granted	02/08/18	South Korea	NA		NA	ALLOY STEEL	2018	1,400.0
			Granted	02/08/18	Germany	NA		NA	ALLOY STEEL	2018	1,000.0
BIS-2018-0006-2	ASWPengg	7227906030	Granted	02/08/18	Japan	NA		NA	ALLOY STEEL	2018	2,500.0
		7227906030	Granted	02/08/18	Japan	NA		NA	ALLOY STEEL	2018	1,600.0
		7227906030	Granted	02/08/18	Austria	NA		NA	ALLOY STEEL	2018	2,000.0
		7227906030	Granted	02/08/18	South Korea	NA		NA	ALLOY STEEL	2018	1,400.0
		7227906030	Granted	02/08/18	Germany	NA		NA	ALLOY STEEL	2018	1,000.0
BIS-2018-0006-1	ASWPengg	7227906030	Granted	08/07/19	Japan	NA			ALLOY STEEL	2019	2,500.0
		7227906030	Granted	08/07/19	Japan	NA		NA	ALLOY STEEL	2019	1,600.0
		7227906030	Granted	08/07/19	Austria	NA		NA	ALLOY STEEL	2019	2,000.0
		7227906030	Granted	08/07/19	Germany	NA		NA	ALLOY STEEL	2019	1,000.0
BIS-2018-0006-1	ASWPengg	7227906030	Granted	08/07/19	Japan	NA			ALLOY STEEL	2019	2,500.0
		7227906030	Granted	08/07/19	Japan	NA		NA	ALLOY STEEL	2019	1,600.0
BIS-2018-0006-1	Blue Ridge Metals Corp.	7213913093	Granted	17/07/18	Japan		14	YES	CARBON CHQ	2018	58.3
		7227906030	Granted	17/07/18	Austria	NA		NA	ALLOY STEEL	2018	2,000.0
BIS-2018-0006-1	Blue Ridge Metals Corp.	7213990060	Granted	17/07/18	Japan		19	NO	CARBON CHQ	2018	329.0
		7227906030	Granted	17/07/18	Germany	NA		NA	ALLOY STEEL	2018	1,000.0
BIS-2018-0006-1	ASWPengg	7227906030	Granted	08/07/19	Japan	NA			ALLOY STEEL	2019	2,500.0
		7227906030	Granted	08/07/19	Japan	NA		NA	ALLOY STEEL	2019	1,600.0

		7227906030	Granted	08/07/19	Austria	NA		NA	ALLOY STEEL	2019	2,000.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	17/07/19	Japan		12.7	YES	ALLOY STEEL	2019	48.0
		7227906030	Granted	17/07/19	Germany	NA		NA	ALLOY STEEL	2019	1,000.0
BIS-2018-0006-3	ASWPengg	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	2.5
			Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	1.6
			Granted	16/05/18	Austria	NA		NA	ALLOY STEEL	2018	2.0
			Granted	16/05/18	South Korea	NA		NA	ALLOY STEEL	2018	1.4
			Granted	16/05/18	Germany	NA		NA	ALLOY STEEL	2018	1.0
BIS-2018-0006-3	ASWPengg	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	2.5
			Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	1.6
			Granted	16/05/18	Austria	NA		NA	ALLOY STEEL	2018	2.0
			Granted	16/05/18	South Korea	NA		NA	ALLOY STEEL	2018	1.4
			Granted	16/05/18	Germany	NA		NA	ALLOY STEEL	2018	1.0
BIS-2018-0006-3	ASWPengg	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	2.5
			Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	1.6
			Granted	16/05/18	Austria	NA		NA	ALLOY STEEL	2018	2.0
			Granted	16/05/18	South Korea	NA		NA	ALLOY STEEL	2018	1.4
			Granted	16/05/18	Germany	NA		NA	ALLOY STEEL	2018	1.0
BIS-2018-0006-3	ASWPengg	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	2.5
			Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	1.6
			Granted	16/05/18	Austria	NA		NA	ALLOY STEEL	2018	2.0
BIS-2018-0006-2	Tsuda USA Corporation	7213990060	Granted	23/07/18	Japan		38	NO	CARBON CHQ	2018	120.0
			Granted	23/07/18	South Korea	NA		NA	ALLOY STEEL	2018	1.4
			Granted	23/07/18	Germany	NA		NA	ALLOY STEEL	2018	1.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	24/07/18	Japan		11.5	YES	ALLOY STEEL	2018	650.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	24/07/18	Japan		10.7	YES	ALLOY STEEL	2018	600.0
BIS-2018-0006-3	ASWPengg	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	2.5
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	24/07/18	Japan		13	YES	ALLOY STEEL	2018	535.0
			Granted	24/07/18	Japan	NA		NA	ALLOY STEEL	2018	1.6
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	24/07/18	Japan		9	YES	ALLOY STEEL	2018	120.0
			Granted	24/07/18	Austria	NA		NA	ALLOY STEEL	2018	2.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	24/07/18	Japan		14.3	YES	ALLOY STEEL	2018	604.0
			Granted	24/07/18	South Korea	NA		NA	ALLOY STEEL	2018	1.4
			Granted	24/07/18	Germany	NA		NA	ALLOY STEEL	2018	1.0
BIS-2018-0006-3	ASWPengg	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	2.5
			Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	1.6
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	25/07/18	Japan		10.7	YES	ALLOY STEEL	2018	144.0
			Granted	25/07/18	Austria	NA		NA	ALLOY STEEL	2018	2.0

			Granted	25/07/18	South Korea	NA		NA	ALLOY STEEL	2018	1.4
			Granted	25/07/18	Germany	NA		NA	ALLOY STEEL	2018	1.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7213990060	Granted	25/07/18	Japan		38	NO	CARBON CHQ	2018	120.0
BIS-2018-0006-3	ASWPengg	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	2.5
			Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	1.6
			Granted	16/05/18	Austria	NA		NA	ALLOY STEEL	2018	2.0
			Granted	16/05/18	South Korea	NA		NA	ALLOY STEEL	2018	1.4
			Granted	16/05/18	Germany	NA		NA	ALLOY STEEL	2018	1.0
BIS-2018-0006-2	ASWPengg	7227906030	Granted	25/07/18	Canada	NA		NA	ALLOY BOF	2018	3,800.0
BIS-2018-0006-3	ASWPengg	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	2.5
			Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	1.6
			Granted	16/05/18	Austria	NA		NA	ALLOY STEEL	2018	2.0
			Granted	16/05/18	South Korea	NA		NA	ALLOY STEEL	2018	1.4
			Granted	16/05/18	Germany	NA		NA	ALLOY STEEL	2018	1.0
BIS-2018-0006-3	ASWPengg	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	2.5
			Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	1.6
			Granted	16/05/18	Austria	NA		NA	ALLOY STEEL	2018	2.0
			Granted	16/05/18	South Korea	NA		NA	ALLOY STEEL	2018	1.4
			Granted	16/05/18	Germany	NA		NA	ALLOY STEEL	2018	1.0
BIS-2018-0006-3	ASWPengg	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	2.5
			Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	1.6
			Granted	16/05/18	Austria	NA		NA	ALLOY STEEL	2018	2.0
			Granted	16/05/18	South Korea	NA		NA	ALLOY STEEL	2018	1.4
			Granted	16/05/18	Germany	NA		NA	ALLOY STEEL	2018	1.0
BIS-2018-0006-7	O&k American Corp	7213913015	Granted	06/11/18	Japan		10	YES	CARBON CHQ	2018	773.7
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	07/06/19	Japan		35	NO	CARBON CHQ	2019	1,013.4
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	28/03/19	Japan		24	NO	CARBON CHQ	2019	187.2
BIS-2018-0006-7	O&k American Corp	7213990030	Granted	06/11/18	Japan		15.5	YES	CARBON CHQ	2018	1,160.5
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	17/04/19	Japan		15.5	YES	CARBON CHQ	2019	25.0
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	17/04/19	Japan		16	YES	CARBON CHQ	2019	21.7
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	07/06/19	Japan		17	YES	CARBON CHQ	2019	51.6
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	07/06/19	Japan		11	YES	CARBON CHQ	2019	90.3
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	06/05/19	Japan		21	NO	CARBON CHQ	2019	122.6
BIS-2018-0006-9	O&k American Corp	7213990060	Granted	13/12/18	Japan		21	NO	CARBON CHQ	2018	44.7
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213913015	Granted	03/05/19	Japan		5.5	YES	CARBON CHQ	2019	6.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	25/07/18	Japan		17	YES	ALLOY STEEL	2018	50.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213913015	Granted	03/05/19	Japan		6.4	YES	CARBON CHQ	2019	41.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213913015	Granted	03/05/19	Japan		9.5	YES	CARBON CHQ	2019	6.0

BIS-2018-0006-1	O&k American Corp	7213990030	Granted	06/05/19	Japan	15.5	YES	CARBON CHQ	2019	32.6
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	06/05/19	Japan	17	YES	CARBON CHQ	2019	87.3
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	25/07/18	Japan	12.7	YES	ALLOY STEEL	2018	44.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	06/05/19	Japan	20	NO	CARBON CHQ	2019	1,050.9
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	06/05/19	Japan	20	NO	CARBON CHQ	2019	303.7
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	06/05/19	Japan	21	NO	CARBON CHQ	2019	956.6
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	06/05/19	Japan	23	NO	CARBON CHQ	2019	4,410.3
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	06/05/19	Japan	25	NO	CARBON CHQ	2019	49.4
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	06/05/19	Japan	26	NO	CARBON CHQ	2019	30.7
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	06/05/19	Japan	28	NO	CARBON CHQ	2019	1,046.6
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7227906010	Granted	25/07/18	Japan	14	YES	ALLOY STEEL	2018	42.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	06/05/19	Japan	30	NO	CARBON CHQ	2019	470.5
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	06/05/19	Japan	36	NO	CARBON CHQ	2019	780.9
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7213901015	Granted	25/07/18	Japan	5.5	YES	CARBON CHQ	2018	12.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7213901015	Granted	25/07/18	Japan	6.4	YES	CARBON CHQ	2018	41.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7213913015	Granted	25/07/18	Japan	9.5	YES	CARBON CHQ	2018	6.0
BIS-2018-0006-4	O&k American Corp	7213990060	Granted	18/05/18	Japan	36	NO	CARBON CHQ	2018	12.7
BIS-2018-0006-2	ASWPengg	7227906030	Granted	25/07/18	Japan	4.75	YES	ALLOY BOF	2018	150.0
BIS-2018-0006-7	O&k American Corp	7213990060	Granted	02/11/18	Japan	36	NO	CARBON CHQ	2018	54.9
BIS-2018-0006-3	O&k American Corp	7213913015	Granted	23/08/18	Japan	15.5	YES	CARBON CHQ	2018	100.0
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	25/07/19	Japan	14	YES	CARBON CHQ	2019	22.0
BIS-2018-0006-9	O&k American Corp	7213990030	Granted	13/12/18	Japan	15.5	YES	CARBON CHQ	2018	100.0
BIS-2018-0006-3	O&k American Corp	7213913015	Granted	23/08/18	Japan	17	YES	CARBON CHQ	2018	19.4
BIS-2018-0006-9	O&k American Corp	7213990030	Granted	13/12/18	Japan	17	YES	CARBON CHQ	2018	19.4
BIS-2018-0006-9	O&k American Corp	7213990060	Granted	13/12/18	Japan	20	NO	CARBON CHQ	2018	244.2
BIS-2018-0006-9	O&k American Corp	7213990060	Granted	13/12/18	Japan	21	NO	CARBON CHQ	2018	309.9
BIS-2018-0006-9	O&k American Corp	7213990060	Granted	13/12/18	Japan	23	NO	CARBON CHQ	2018	989.9
BIS-2018-0006-9	O&k American Corp	7213990060	Granted	13/12/18	Japan	25	NO	CARBON CHQ	2018	100.0
BIS-2018-0006-9	O&k American Corp	7213990060	Granted	13/12/18	Japan	28	NO	CARBON CHQ	2018	430.9
BIS-2018-0006-9	O&k American Corp	7213990060	Granted	13/12/18	Japan	30	NO	CARBON CHQ	2018	83.9
BIS-2018-0006-9	O&k American Corp	7213990060	Granted	13/12/18	Japan	30	NO	CARBON CHQ	2018	83.9
BIS-2018-0006-9	O&k American Corp	7213990060	Granted	13/12/18	Japan	36	NO	CARBON CHQ	2018	159.1
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213913015	Granted	03/05/19	Japan	6	YES	CARBON CHQ	2019	216.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213913015	Granted	03/05/19	Japan	7	YES	CARBON CHQ	2019	12.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	721391301	Granted	12/07/19	Japan	8	YES	CARBON CHQ	2019	8.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7213913015	Granted	25/07/18	Japan	6	YES	CARBON CHQ	2018	216.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7213913015	Granted	25/07/18	Japan	7	YES	CARBON CHQ	2018	12.0
BIS-2018-0006-1	O&k American Corp	7213990030	Granted	07/06/19	Japan	15	YES	CARBON CHQ	2019	57.9

BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213913015	Granted	03/05/19	Japan	5.5	YES	CARBON CHQ	2019	750.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213913015	Granted	06/05/19	Japan	6	YES	CARBON CHQ	2019	28.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7213913015	Granted	25/07/18	Japan	5.5	YES	CARBON CHQ	2018	480.0
BIS-2018-0006-1	O&k American Corp	7213913015	Granted	06/05/19	Japan	7.5	YES	CARBON CHQ	2019	33.0
BIS-2018-0006-3	O&k American Corp	7213913015	Granted	23/08/18	Japan	7.5	YES	CARBON CHQ	2018	100.0
BIS-2018-0006-1	Blue Ridge Metals Corp.	7213913093	Granted	16/07/18	Japan	14	YES	CARBON CHQ	2018	3.9
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	08/05/19	Japan	27	NO	CARBON CHQ	2019	369.2
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	08/05/19	Japan	35	NO	CARBON CHQ	2019	542.1
BIS-2018-0006-9	O&k American Corp	7213990060	Granted	13/12/18	Japan	27	NO	CARBON CHQ	2018	76.5
BIS-2018-0006-9	O&k American Corp	7213990060	Granted	13/12/18	Japan	35	NO	CARBON CHQ	2018	112.3
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	08/05/19	Japan	26	NO	CARBON CHQ	2019	122.0
BIS-2018-0006-9	O&k American Corp	7213990060	Granted	13/12/18	Japan	26	NO	CARBON CHQ	2018	25.3
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	08/05/19	Japan	28	NO	CARBON CHQ	2019	26.1
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7213990060	Granted	26/07/18	Japan	25	NO	CARBON CHQ	2018	120.0
BIS-2018-0006-1	O&k American Corp	7213990060	Granted	08/05/19	Japan	38	NO	CARBON CHQ	2019	690.7
BIS-2018-0006-9	O&k American Corp	7213990060	Granted	13/12/18	Japan	28	NO	CARBON CHQ	2018	1.3
BIS-2018-0006-9	O&k American Corp	7213990060	Granted	13/12/18	Japan	38	NO	CARBON CHQ	2018	71.5
BIS-2018-0006-2	Toyota Tsusho America, Inc.	7213990030	Granted	02/08/18	Japan	17	YES	CARBON CHQ	2018	240.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213913015	Granted	06/05/19	Japan	6.4	YES	CARBON CHQ	2019	400.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7213913015	Granted	06/05/19	Japan	8.7	YES	CARBON CHQ	2019	168.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7213901015	Granted	25/07/18	Japan	6.4	YES	CARBON CHQ	2018	168.0
BIS-2018-0006-2	Grand Blanc Processing, L.L.C.	7213901015	Granted	25/07/18	Japan	8.7	YES	CARBON CHQ	2018	168.0
BIS-2018-0006-2	Toyota Tsusho America, Inc.	7213990030	Granted	02/08/18	Japan	18	YES	CARBON CHQ	2018	960.0
BIS-2018-0006-5	Metal One America, Inc.	7227906035	Granted	24/05/18	Japan	17	YES	ALLOY STEEL	2018	440.0
BIS-2018-0006-5	Metal One America, Inc.	7227906040	Granted	24/05/18	Japan	21	NO	ALLOY STEEL	2018	370.0
BIS-2018-0006-5	Metal One America, Inc.	7227906040	Granted	24/05/18	Japan	20	NO	ALLOY STEEL	2018	150.0
BIS-2018-0006-5	Metal One America, Inc.	7227906035	Granted	24/05/18	Japan	16.7	YES	ALLOY STEEL	2018	40.0
BIS-2018-0006-5	Metal One America, Inc.	7227906035	Granted	24/05/18	Japan	18	YES	ALLOY STEEL	2018	730.0
BIS-2018-0006-5	Metal One America, Inc.	7227906040	Granted	24/05/18	Japan	20.3	NO	ALLOY STEEL	2018	190.0
BIS-2018-0006-5	Metal One America, Inc.	7227906035	Granted	24/05/18	Japan	17.5	YES	ALLOY STEEL	2018	310.0
BIS-2018-0006-5	Metal One America, Inc.	7227906035	Granted	24/05/18	Japan	14	YES	ALLOY STEEL	2018	60.0
BIS-2018-0006-5	Metal One America, Inc.	7227906035	Granted	24/05/18	Japan	5.5	YES	ALLOY STEEL	2018	10.0
BIS-2018-0006-5	Metal One America, Inc.	7227906035	Granted	24/05/18	Japan	16	YES	ALLOY STEEL	2018	1,480.0
BIS-2018-0006-1	VMNP CORPORATION	7213913093	Granted	26/07/19	Canada	11	YES	ALLOY STEEL (MEXICO CAN MAKE)	2019	545.3
BIS-2018-0006-5	Metal One America, Inc.	7227906035	Granted	24/05/18	Japan	15	YES	ALLOY STEEL	2018	40.0
BIS-2018-0006-1	Grand Blanc Processing, L.L.C.	7227906010	Granted	26/07/19	Japan	10.7	YES	MICRO ALLOY	2019	60.0
BIS-2018-0006-1	MNP CORPORATION	7227906010	Granted	26/07/19	Canada	9.5	YES	MICRO ALLOY	2019	323.3
BIS-2018-0006-5	Metal One America, Inc.	7227906035	Granted	24/05/18	Japan	16.3	YES	ALLOY STEEL	2018	80.0

BIS-2018-0006-5	Metal One America, Inc.	7227906035	Granted	24/05/18	Japan	14.3	YES	ALLOY STEEL	2018	1,120.0
BIS-2018-0006-1	MNP CORPORATION	7227906030	Granted	29/07/19	Canada	10.5	YES	ALLOY STEEL	2019	43.9
BIS-2018-0006-1	MNP CORPORATION	7213913093	Granted	29/07/19	Canada	12	YES	CARBON CHQ	2019	23.7
BIS-2018-0006-5	Metal One America, Inc.	7227906040	Granted	24/05/18	Japan	19.5	NO	ALLOY STEEL	2018	770.0
BIS-2018-0006-5	Metal One America, Inc.	7227906035	Granted	24/05/18	Japan	18.7	YES	ALLOY STEEL	2018	450.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	13/06/19	Japan	18	YES	ALLOY STEEL	2019	1,060.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	14/06/19	Japan	14.3	YES	ALLOY STEEL	2019	50.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	14/06/19	Japan	18.7	YES	ALLOY STEEL	2019	80.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906040	Granted	14/06/19	Japan	21	NO	ALLOY STEEL	2019	90.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	14/06/19	Japan	17.5	YES	ALLOY STEEL	2019	10.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	14/06/19	Japan	16.3	YES	ALLOY STEEL	2019	60.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	14/06/19	Japan	16	YES	ALLOY STEEL	2019	220.0
BIS-2018-0006-1	Metal One America, Inc.	7227906030	Granted	21/06/18	Japan	13.5	YES	ALLOY STEEL	2018	10.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906040	Granted	29/06/18	Japan	20.3	NO	ALLOY STEEL	2018	190.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906040	Granted	29/06/18	Japan	19.5	NO	ALLOY STEEL	2018	770.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906040	Granted	29/06/18	Japan	20	NO	ALLOY STEEL	2018	150.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	29/06/18	Japan	18.7	YES	ALLOY STEEL	2018	450.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	29/06/18	Japan	18	YES	ALLOY STEEL	2018	730.0
BIS-2018-0006-2	Blue Ridge Metals Corp.	7213990060	Granted	30/07/18	Japan	19	NO	CARBON CHQ	2018	13.3
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	29/06/18	Japan	17.5	YES	ALLOY STEEL	2018	310.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	10/07/18	Japan	16	YES	ALLOY STEEL	2018	1,480.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	10/07/18	Japan	5.5	YES	ALLOY STEEL	2018	10.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	10/07/18	Japan	17	YES	ALLOY STEEL	2018	440.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	10/07/18	Japan	15	YES	ALLOY STEEL	2018	40.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	10/07/18	Japan	16.3	YES	ALLOY STEEL	2018	80.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	10/07/18	Japan	14.3	YES	ALLOY STEEL	2018	1,120.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906030	Granted	10/07/18	Japan	13.5	YES	ALLOY STEEL	2018	10.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	10/07/18	Japan	16.7	YES	ALLOY STEEL	2018	40.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	10/07/18	Japan	14	YES	ALLOY STEEL	2018	60.0
BIS-2018-0006-1	Metal One America, Inc.	7227906035	Granted	09/04/19	Japan	15	YES	ALLOY STEEL	2019	150.0
BIS-2018-0006-1	Metal One America, Inc.	7227906035	Granted	09/04/19	Japan	18	YES	ALLOY STEEL	2019	1,500.0
BIS-2018-0006-1	Metal One America, Inc.	7227906035	Granted	09/04/19	Japan	5.5	YES	ALLOY STEEL	2019	150.0
BIS-2018-0006-5	Metal One America, Inc.	7227906030	Granted	24/05/18	Japan	13	YES	ALLOY STEEL	2018	10.0
BIS-2018-0006-6	Metal One America, Inc.	7227906030	Granted	24/05/18	Japan	13.5	YES	ALLOY STEEL	2018	250.0
BIS-2018-0006-6	Metal One America, Inc.	7227906035	Granted	24/05/18	Japan	17.5	YES	ALLOY STEEL	2018	40.0
BIS-2018-0006-6	Metal One America, Inc.	7227906035	Granted	24/05/18	Japan	17	YES	ALLOY STEEL	2018	970.0
BIS-2018-0006-6	Metal One America, Inc.	7227906035	Granted	24/05/18	Japan	14.3	YES	ALLOY STEEL	2018	610.0
BIS-2018-0006-6	Metal One America, Inc.	7227906035	Granted	25/05/18	Japan	15	YES	ALLOY STEEL	2018	800.0

BIS-2018-0006-6	Metal One America, Inc.	7227906035	Granted	25/05/18	Japan		16	YES	ALLOY STEEL	2018	10.0
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	30/07/19	Canada	NA			MICRO ALLOY	2019	254.7
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	30/07/19	Canada	NA			MICRO ALLOY	2019	815.8
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	30/07/19	Canada	NA			MICRO ALLOY	2019	77.2
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	30/07/19	Canada	NA			MICRO ALLOY	2019	478.6
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	30/07/19	Canada	NA			MICRO ALLOY	2019	6.1
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	30/07/19	Canada	NA			MICRO ALLOY	2019	29.5
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	30/07/19	Canada	NA			MICRO ALLOY	2019	23.5
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	30/07/19	Canada	NA			MICRO ALLOY	2019	3.3
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	30/07/19	Canada	NA			MICRO ALLOY	2019	3.2
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	13/06/19	Japan		17	YES	ALLOY STEEL	2019	890.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	13/06/19	Japan		14.3	YES	ALLOY STEEL	2019	290.0
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	30/07/19	Canada	NA			MICRO ALLOY	2019	29.6
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	30/07/19	Canada	NA			ALLOY STEEL	2019	378.7
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	30/07/19	Canada	NA			MICRO ALLOY	2019	19.0
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	30/07/19	Canada	NA			MICRO ALLOY	2019	648.1
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	30/07/19	Canada	NA			MICRO ALLOY	2019	6.9
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	30/07/19	Canada	NA			MICRO ALLOY	2019	9.5
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906030	Granted	13/06/19	Japan		13.5	YES	ALLOY STEEL	2019	170.0
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	30/07/19	Canada	NA			MICRO ALLOY	2019	41.2
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	30/07/19	Canada	NA			MICRO ALLOY	2019	71.0
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	30/07/19	Canada	NA			MICRO ALLOY	2019	638.2
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	30/07/19	Canada	NA			MICRO ALLOY	2019	356.2
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	30/07/19	Canada	NA			MICRO ALLOY	2019	83.8
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	30/07/19	Canada	NA			MICRO ALLOY	2019	71.2
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	30/07/19	Canada	NA			MICRO ALLOY	2019	211.8
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	14/06/19	Japan		16.5	YES	ALLOY STEEL	2019	10.0
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	30/07/19	Canada	NA			ALLOY STEEL	2019	15.1
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	30/07/19	Canada	NA			MICRO ALLOY	2019	77.2
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	30/07/19	Canada	NA			MICRO ALLOY	2019	3,536.5
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	30/07/19	Canada	NA			MICRO ALLOY	2019	47.0
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	30/07/19	Canada	NA			MICRO ALLOY	2019	320.0
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	30/07/19	Canada	NA			MICRO ALLOY	2019	1.7
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	30/07/19	Canada	NA			MICRO ALLOY	2019	47.2
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	14/06/19	Japan		16	YES	ALLOY STEEL	2019	10.0
BIS-2018-0006-1	KAMAX Limited Partnership	7227906010	Granted	30/07/19	Canada	NA			MICRO ALLOY	2019	14,266.6
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	14/06/19	Japan		17.5	YES	ALLOY STEEL	2019	40.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	10/07/18	Japan		14	YES	ALLOY STEEL	2018	60.0

BIS-2018-0006-2	Topura America Fastener, Inc.	7227906010	Granted	31/07/18	Japan	7.5	YES	MICROALLOY CHQ (MEXICO CAN MAK	2018	149.3
BIS-2018-0006-2	Blue Ridge Metals Corp.	7213990060	Granted	31/07/18	Japan	19	NO	CARBON CHQ	2018	981.8
BIS-2018-0006-2	Blue Ridge Metals Corp.	7213990060	Granted	31/07/18	Japan	19	NO	CARBON CHQ	2018	460.5
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	10/07/18	Japan	17.5	YES	ALLOY STEEL	2018	40.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906030	Granted	10/07/18	Japan	13.5	YES	ALLOY STEEL	2018	250.0
BIS-2018-0006-3	Mount Joy Wire Corporation	7213913093	Granted	15/08/18	Canada	14	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	136.1
BIS-2018-0006-3	Mount Joy Wire Corporation	7213913093	Granted	15/08/18	Canada	6.3	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	90.7
BIS-2018-0006-3	Mount Joy Wire Corporation	7213913093	Granted	15/08/18	Canada	5.5	YES	CARBON STEEL (DEACERO CAN MAKE)	2018	317.5
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	10/07/18	Japan	17	YES	ALLOY STEEL	2018	970.0
BIS-2018-0006-3	Cold Heading Company	7213913015	Granted	17/08/18	Canada	10.6	YES	ALLOY STEEL	2018	700.0
BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire In	7227906030	Granted	17/08/18	Japan	7	YES	ALLOY STEEL	2018	648.0
BIS-2018-0006-3	Cold Heading Company	7213913015	Granted	17/08/18	Canada	10.3	YES	CARBON CHQ	2018	923.1
BIS-2018-0006-3	Grand Blanc Processing, L.L.C.	7213990030	Granted	17/08/18	Japan	21	NO	CARBON CHQ	2018	192.0
BIS-2018-0006-3	Cold Heading Company	7227906010	Granted	17/08/18	Canada	13.1	YES	ALLOY STEEL	2018	2,522.9
BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire In	7227906030	Granted	17/08/18	Japan	7	YES	MICRO ALLOY	2018	144.0
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/08/18	Canada	9.5	YES	ALLOY STEEL	2018	2,213.7
BIS-2018-0006-3	Cold Heading Company	7213913015	Granted	17/08/18	Canada	10.3	YES	CARBON CHQ	2018	923.1
BIS-2018-0006-3	Cold Heading Company	7213913015	Granted	17/08/18	Canada	8.3	YES	CARBON CHQ	2018	879.5
BIS-2018-0006-3	Grand Blanc Processing, L.L.C.	7213990030	Granted	17/08/18	Japan	20	NO	CARBON CHQ	2018	48.0
BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire In	7227906030	Granted	17/08/18	Japan	7	YES	MICRO ALLOY	2018	324.0
BIS-2018-0006-3	Grand Blanc Processing, L.L.C.	7213990030	Granted	17/08/18	Japan	11.5	YES	CARBON CHQ	2018	24.0
BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire In	7227906030	Granted	17/08/18	Japan	11	YES	MICRO ALLOY	2018	324.0
BIS-2018-0006-3	Grand Blanc Processing, L.L.C.	7213990030	Granted	17/08/18	Japan	25	NO	CARBON CHQ	2018	120.0
BIS-2018-0006-3	Cold Heading Company	7213913015	Granted	17/08/18	Canada	8.3	YES	CARBON CHQ	2018	369.2
BIS-2018-0006-3	Grand Blanc Processing, L.L.C.	7213990030	Granted	17/08/18	Japan	32	NO	CARBON CHQ	2018	240.0
BIS-2018-0006-3	Grand Blanc Processing, L.L.C.	7213990030	Granted	17/08/18	Japan	16	YES	CARBON CHQ	2018	48.0
BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire In	7227906030	Granted	17/08/18	Japan	11.5	YES	MICRO ALLOY	2018	324.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	10/07/18	Japan	14.3	YES	ALLOY STEEL	2018	610.0
BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire In	7227906030	Granted	17/08/18	Japan	11	YES	ALLOY STEEL	2018	648.0
BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire In	7227906030	Granted	17/08/18	Japan	9.5	YES	ALLOY STEEL	2018	648.0
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	17/08/18	Canada	7.5	YES	MICRO ALLOY	2018	2,688.7
BIS-2018-0006-3	Cold Heading Company	7213913015	Granted	17/08/18	Canada	10.3	YES	CARBON CHQ	2018	1,980.8
BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire In	7227906030	Granted	17/08/18	Japan	8	YES	ALLOY STEEL	2018	648.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	10/07/18	Japan	16	YES	ALLOY STEEL	2018	10.0
BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire In	7227906030	Granted	17/08/18	Japan	9	YES	MICRO ALLOY	2018	324.0
BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	10/07/18	Japan	15	YES	ALLOY STEEL	2018	800.0
BIS-2018-0006-3	O&k American Corp	7213913015	Granted	17/08/18	Canada	7.5	YES	CARBON CHQ	2018	1,978.9
BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire In	7227906030	Granted	17/08/18	Japan	6	YES	ALLOY STEEL	2018	648.0

BIS-2018-0006-1	NHK of America Suspension Components Inc.	7227906035	Granted	10/07/18	Japan		17.5	YES	ALLOY STEEL	2018	830.0
BIS-2018-0006-3	Grand Blanc Processing, L.L.C.	7213990060	Granted	17/08/18	Japan		28	NO	CARBON CHQ	2018	36.0
BIS-2018-0006-3	Grand Blanc Processing, L.L.C.	7213990030	Granted	17/08/18	Japan		20	NO	CARBON CHQ	2018	120.0
BIS-2018-0006-3	O&k American Corp	7213913015	Granted	17/08/18	Canada		7.5	YES	CARBON CHQ	2018	1,978.9
BIS-2018-0006-3	Grand Blanc Processing, L.L.C.	7213990030	Granted	17/08/18	Japan		20	NO	CARBON CHQ	2018	240.0
BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire In	7227906030	Granted	17/08/18	Japan		8	YES	ALLOY STEEL	2018	648.0
BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire In	7227906030	Granted	17/08/18	Japan		10.5	YES	ALLOY STEEL	2018	648.0
BIS-2018-0006-1	Metal One America, Inc.	7227906035	Granted	03/05/19	Japan		16	YES	ALLOY STEEL	2019	1,800.0
BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire In	7227906030	Granted	17/08/18	Japan		8.5	YES	ALLOY STEEL	2018	180.0
BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire In	7227906030	Granted	17/08/18	Japan		6.3	YES	ALLOY STEEL	2018	648.0
BIS-2018-0006-3	Cold Heading Company	7227906010	Granted	17/08/18	Canada		12.2	YES	ALLOY STEEL	2018	1,781.2
BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire In	7227906030	Granted	17/08/18	Japan		6.3	YES	ALLOY STEEL	2018	648.0
BIS-2018-0006-3	Cold Heading Company	7227906010	Granted	23/08/18	Canada		15.8	YES	ALLOY STEEL	2018	69.9
BIS-2018-0006-1	Metal One America, Inc.	7227906030	Granted	06/05/19	Japan		13.5	YES	ALLOY STEEL	2019	270.0
BIS-2018-0006-1	Metal One America, Inc.	7227906035	Granted	09/04/19	Japan		17	YES	ALLOY STEEL	2019	1,230.0
BIS-2018-0006-3	Cold Heading Company	7213913015	Granted	23/08/18	Canada		11.5	YES	CARBON CHQ	2018	31.5
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	23/08/18	Japan		8.3	YES	MICRO ALLOY	2018	100.0
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	23/08/18	Japan		14	YES	MICRO ALLOY	2018	100.0
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	1,300.0
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	17/05/18	Japan	NA		NA	ALLOY STEEL	2018	1,300.0
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	29/05/19	Japan	NA			ALLOY STEEL	2019	1,300.0
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	632.5
BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire Inc	7213990060	Granted	23/08/18	Japan		25	NO	CARBON CHQ	2018	576.0
BIS-2018-0006-3	Cold Heading Company	7227906010	Granted	23/08/18	Canada		18.2	YES	ALLOY STEEL	2018	114.8
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	146.0
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	500.0
BIS-2018-0006-3	Cold Heading Company	7213913093	Granted	23/08/18	Canada		13.4	YES	CARBON CHQ	2018	29.9
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	500.0
BIS-2018-0006-3	Cold Heading Company	7213913093	Granted	23/08/18	Canada		9.5	YES	CARBON CHQ	2018	20.0
BIS-2018-0006-3	Cold Heading Company	7227906010	Granted	23/08/18	Canada		15	YES	ALLOY STEEL	2018	179.6
BIS-2018-0006-1	Nippon Steel & Sumikin Bussan Americas, Inc	7227906030	Granted	11/04/19	Japan	NA			ALLOY STEEL	2019	100.0
BIS-2018-0006-3	Cold Heading Company	7213913015	Granted	23/08/18	Canada		7.5	YES	CARBON CHQ	2018	59.9
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	23/08/18	Japan		26	NO	MICRO ALLOY	2018	489.3
BIS-2018-0006-1	Nippon Steel & Sumikin Bussan Americas, Inc	7227906030	Granted	11/04/19	Japan	NA			ALLOY STEEL	2019	100.0
BIS-2018-0006-1	Nippon Steel & Sumikin Bussan Americas, Inc	7227906030	Granted	11/04/19	Japan	NA			ALLOY STEEL	2019	100.0
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	16/04/19	Japan	NA			ALLOY STEEL	2019	400.0
BIS-2018-0006-3	Nippon Steel & Sumikin Cold Heading Wire In	7213990060	Granted	23/08/18	Japan		31	NO	CARBON CHQ	2018	306.0
BIS-2018-0006-3	Cold Heading Company	7213913015	Granted	23/08/18	Canada		9.5	YES	CARBON CHQ	2018	49.9

BIS-2018-0006-3	Cold Heading Company	7227906010	Granted	23/08/18	Canada		19.8	NO	ALLOY STEEL	2018	129.7
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	16/04/19	Japan	NA			ALLOY STEEL	2019	300.0
BIS-2018-0006-3	Cold Heading Company	7213913093	Granted	23/08/18	Canada		13.4	YES	CARBON CHQ	2018	39.9
BIS-2018-0006-3	O&k American Corp	7227906010	Granted	23/08/18	Japan		9.5	YES	MICRO ALLOY	2018	100.0
BIS-2018-0006-1	Nippon Steel & Sumikin Bussan Americas, Inc	7227906030	Granted	11/04/19	Japan	NA			ALLOY STEEL	2019	1,200.0
BIS-2018-0006-3	Cold Heading Company	7213913015	Granted	23/08/18	Canada		6.7	YES	CARBON CHQ	2018	105.4
BIS-2018-0006-3	Cold Heading Company	7227906010	Granted	23/08/18	Canada		20.6	NO	ALLOY STEEL	2018	94.8
BIS-2018-0006-3	Cold Heading Company	7213913015	Granted	23/08/18	Canada		7.5	YES	CARBON CHQ	2018	84.8
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	16/04/19	Japan	NA			ALLOY STEEL	2019	750.0
BIS-2018-0006-3	Cold Heading Company	7213913015	Granted	23/08/18	Canada		11.5	YES	CARBON CHQ	2018	99.8
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	16/04/19	Japan	NA			ALLOY STEEL	2019	1,500.0
BIS-2018-0006-3	Cold Heading Company	7213913015	Granted	23/08/18	Canada		6.7	YES	CARBON CHQ	2018	104.8
BIS-2018-0006-3	Cold Heading Company	7227906010	Granted	23/08/18	Canada		12.7	YES	ALLOY STEEL	2018	60.0
BIS-2018-0006-3	Cold Heading Company	7213913015	Granted	23/08/18	Canada		9.5	YES	CARBON CHQ	2018	99.8
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	500.5
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	500.0
BIS-2018-0006-3	Cold Heading Company	7213913015	Granted	23/08/18	Canada		11.8	YES	CARBON CHQ	2018	54.9
BIS-2018-0006-3	Cold Heading Company	7213913093	Granted	23/08/18	Canada		8.3	YES	CARBON CHQ	2018	139.7
BIS-2018-0006-3	Cold Heading Company	7213913015	Granted	23/08/18	Canada		11.8	YES	CARBON CHQ	2018	20.0
BIS-2018-0006-3	Cold Heading Company	7227906010	Granted	23/08/18	Canada		23	NO	ALLOY STEEL	2018	69.9
BIS-2018-0006-1	Nippon Steel & Sumikin Bussan Americas, Inc	7227906030	Granted	11/04/19	Japan	NA			ALLOY STEEL	2019	100.0
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	500.0
BIS-2018-0006-1	Nippon Steel & Sumikin Bussan Americas, Inc	7227906030	Granted	11/04/19	Japan	NA			ALLOY STEEL	2019	500.0
BIS-2018-0006-3	Cold Heading Company	7213913093	Granted	23/08/18	Canada		9.5	YES	CARBON CHQ	2018	29.9
BIS-2018-0006-3	O&k American Corp	7213913015	Granted	23/08/18	Japan		20	NO	MICRO ALLOY	2018	100.0
BIS-2018-0006-3	Cold Heading Company	7213990030	Granted	23/08/18	Canada		14.6	YES	CARBON CHQ	2018	64.9
BIS-2018-0006-3	Cold Heading Company	7213913093	Granted	23/08/18	Canada		8.3	YES	CARBON CHQ	2018	29.9
BIS-2018-0006-1	Nippon Steel & Sumikin Bussan Americas, Inc	7227906030	Granted	11/04/19	Japan	NA			ALLOY STEEL	2019	1,500.0
BIS-2018-0006-3	Cold Heading Company	7213913093	Granted	23/08/18	Canada		10.3	YES	CARBON CHQ	2018	129.7
BIS-2018-0006-1	Nippon Steel & Sumikin Bussan Americas, Inc	7227906030	Granted	11/04/19	Japan	NA			ALLOY STEEL	2019	2,150.5
BIS-2018-0006-3	Cold Heading Company	7227906010	Granted	23/08/18	Canada	NA		NA	ALLOY STEEL	2018	147.8
BIS-2018-0006-3	Cold Heading Company	7213913093	Granted	23/08/18	Canada		10.3	YES	CARBON CHQ	2018	74.8
BIS-2018-0006-3	Cold Heading Company	7213913015	Granted	23/08/18	Canada		11.1	YES	CARBON CHQ	2018	54.9
BIS-2018-0006-1	Nippon Steel & Sumikin Bussan Americas, Inc	7227906030	Granted	11/04/19	Japan	NA			ALLOY STEEL	2019	715.0
BIS-2018-0006-3	Cold Heading Company	7213913015	Granted	23/08/18	Canada		6.3	YES	CARBON CHQ	2018	24.9
BIS-2018-0006-3	Cold Heading Company	7213913015	Granted	23/08/18	Canada		11.1	YES	CARBON CHQ	2018	64.9
BIS-2018-0006-1	Nippon Steel & Sumikin Bussan Americas, Inc	7227906030	Granted	11/04/19	Japan	NA			ALLOY STEEL	2019	165.0
BIS-2018-0006-4	O&k American Corp	7227906010	Granted	30/08/18	Canada		14.3	YES	ALLOY STEEL	2018	728.1

BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	16/04/19	Japan	NA			ALLOY STEEL	2019	300.0
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	715.0
BIS-2018-0006-1	Nippon Steel & Sumikin Bussan Americas, Inc	7227906030	Granted	11/04/19	Japan	NA			ALLOY STEEL	2019	700.0
BIS-2018-0006-4	O&k American Corp	7213990030	Granted	30/08/18	Canada		17.5	YES	CARBON CHQ	2018	3.5
BIS-2018-0006-1	Nippon Steel & Sumikin Bussan Americas, Inc	7227906030	Granted	11/04/19	Japan	NA			ALLOY STEEL	2019	700.0
BIS-2018-0006-4	Cold Heading Company	7213913015	Granted	30/08/18	Canada		8.3	YES	CARBON CHQ	2018	20.0
BIS-2018-0006-4	Cold Heading Company	7227906010	Granted	30/08/18	Canada		11.5	YES	ALLOY STEEL	2018	1,526.7
BIS-2018-0006-4	Cold Heading Company	7213913093	Granted	30/08/18	Canada		10.6	YES	CARBON CHQ	2018	20.0
BIS-2018-0006-4	O&k American Corp	7227906010	Granted	30/08/18	Canada		18.2	YES	MICRO ALLOY	2018	270.0
BIS-2018-0006-4	Cold Heading Company	7213913015	Granted	30/08/18	Canada		10.3	YES	CARBON CHQ	2018	399.2
BIS-2018-0006-4	Cold Heading Company	7227906010	Granted	30/08/18	Canada		8.3	YES	ALLOY STEEL	2018	10.0
BIS-2018-0006-4	Cold Heading Company	7213913015	Granted	30/08/18	Canada		8.3	YES	CARBON CHQ	2018	50.0
BIS-2018-0006-4	O&k American Corp	7227906010	Granted	30/08/18	Canada		11.5	YES	MICRO ALLOY	2018	24.6
BIS-2018-0006-1	Nippon Steel & Sumikin Bussan Americas, Inc	7227906030	Granted	11/04/19	Japan	NA			ALLOY STEEL	2019	2,650.0
BIS-2018-0006-4	O&k American Corp	7227906010	Granted	30/08/18	Canada		8.5	YES	MICRO ALLOY	2018	389.9
BIS-2018-0006-4	O&k American Corp	7213913015	Granted	30/08/18	Canada		12	YES	CARBON CHQ	2018	8.2
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	16/04/19	Japan	NA			ALLOY STEEL	2019	300.0
BIS-2018-0006-4	Cold Heading Company	7227906010	Granted	30/08/18	Canada		14.6	YES	ALLOY STEEL	2018	11.9
BIS-2018-0006-4	O&k American Corp	7213913015	Granted	30/08/18	Canada		9.5	YES	CARBON CHQ	2018	2.4
BIS-2018-0006-4	O&k American Corp	7227906010	Granted	30/08/18	Canada		9.5	YES	MICRO ALLOY	2018	654.5
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	16/04/19	Japan	NA			ALLOY STEEL	2019	1,000.0
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	16/04/19	Japan	NA			ALLOY STEEL	2019	1,000.0
BIS-2018-0006-4	Cold Heading Company	7213913015	Granted	30/08/18	Canada		10.3	YES	CARBON CHQ	2018	10.0
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	16/04/19	Japan	NA			ALLOY STEEL	2019	2,500.0
BIS-2018-0006-4	O&k American Corp	7227906010	Granted	30/08/18	Canada		21.5	NO	MICRO ALLOY	2018	4.4
BIS-2018-0006-4	Cold Heading Company	7213913015	Granted	30/08/18	Canada		10.3	YES	CARBON CHQ	2018	10.0
BIS-2018-0006-4	O&k American Corp	7227906010	Granted	30/08/18	Canada		5.5	YES	MICRO ALLOY	2018	5.9
BIS-2018-0006-1	Nippon Steel & Sumikin Bussan Americas, Inc	7227906030	Granted	11/04/19	Japan	NA			ALLOY STEEL	2019	300.0
BIS-2018-0006-4	O&k American Corp	7213913015	Granted	30/08/18	Canada		10	YES	CARBON CHQ	2018	38.9
BIS-2018-0006-1	Nippon Steel & Sumikin Bussan Americas, Inc	7227906030	Granted	11/04/19	Japan	NA			ALLOY STEEL	2019	120.0
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	16/04/19	Japan	NA			ALLOY STEEL	2019	1,000.0
BIS-2018-0006-4	O&k American Corp	7227906010	Granted	30/08/18	Canada		12.5	YES	ALLOY STEEL	2018	545.9
BIS-2018-0006-1	Nippon Steel & Sumikin Bussan Americas, Inc	7227906030	Granted	11/04/19	Japan	NA			ALLOY STEEL	2019	600.0
BIS-2018-0006-4	O&k American Corp	7213990030	Granted	30/08/18	Canada		15	YES	CARBON CHQ	2018	7.5
BIS-2018-0006-4	O&k American Corp	7213913015	Granted	30/08/18	Canada		11	YES	CARBON CHQ	2018	8.4
BIS-2018-0006-4	O&k American Corp	7227906010	Granted	30/08/18	Canada		17.5	YES	ALLOY STEEL	2018	570.5
BIS-2018-0006-4	O&k American Corp	7227906010	Granted	30/08/18	Canada		10.3	YES	MICRO ALLOY	2018	332.8
BIS-2018-0006-4	O&k American Corp	7227906010	Granted	30/08/18	Canada		13	YES	MICRO ALLOY	2018	64.9

BIS-2018-0006-4	O&k American Corp	7213990030	Granted	30/08/18	Canada		17.5	YES	CARBON CHQ	2018	0.0
BIS-2018-0006-4	O&k American Corp	7213990030	Granted	30/08/18	Canada		14.3	YES	CARBON CHQ	2018	11.8
BIS-2018-0006-6	Suzuki Garphyttan Corporation	7227906030	Granted	15/10/18	Japan	NA		NA	ALLOY STEEL	2018	100.0
BIS-2018-0006-6	Suzuki Garphyttan Corporation	7227906030	Granted	15/10/18	Japan	NA		NA	ALLOY STEEL	2018	100.0
BIS-2018-0006-4	O&k American Corp	7227906010	Granted	30/08/18	Canada		14.3	YES	MICRO ALLOY	2018	314.8
BIS-2018-0006-6	Suzuki Garphyttan Corporation	7227906030	Granted	15/10/18	Japan	NA		NA	ALLOY STEEL	2018	100.0
BIS-2018-0006-1	Nippon Steel & Sumikin Bussan Americas, Inc	7227906030	Granted	20/06/19	Japan	NA			ALLOY STEEL	2019	120.0
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	29/05/19	Japan	NA			ALLOY STEEL	2019	100.0
BIS-2018-0006-4	O&k American Corp	7213990030	Granted	30/08/18	Canada		17.5	YES	CARBON CHQ	2018	17.6
BIS-2018-0006-4	O&k American Corp	7227906010	Granted	30/08/18	Canada		14.7	YES	ALLOY STEEL	2018	344.4
BIS-2018-0006-4	Cold Heading Company	7213913015	Granted	30/08/18	Canada		12.2	YES	CARBON CHQ	2018	39.9
BIS-2018-0006-4	O&k American Corp	7227906010	Granted	30/08/18	Canada		11	YES	MICRO ALLOY	2018	436.4
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	29/05/19	Japan	NA			ALLOY STEEL	2019	100.0
BIS-2018-0006-4	Cold Heading Company	7213990030	Granted	30/08/18	Canada		14.6	YES	CARBON CHQ	2018	10.0
BIS-2018-0006-4	Cold Heading Company	7227906010	Granted	30/08/18	Canada		13.4	YES	ALLOY STEEL	2018	14.7
BIS-2018-0006-4	Cold Heading Company	7213913015	Granted	30/08/18	Canada		10.3	YES	CARBON CHQ	2018	20.0
BIS-2018-0006-4	O&k American Corp	7227906010	Granted	30/08/18	Canada		7	YES	ALLOY STEEL	2018	14.6
BIS-2018-0006-4	O&k American Corp	7227906010	Granted	30/08/18	Canada		5.5	YES	MICRO ALLOY	2018	16.6
BIS-2018-0006-4	O&k American Corp	7227906010	Granted	30/08/18	Canada		10.3	YES	MICRO ALLOY	2018	34.9
BIS-2018-0006-4	Cold Heading Company	7213913015	Granted	30/08/18	Canada		12.2	YES	CARBON CHQ	2018	10.0
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	29/05/19	Japan	NA			ALLOY STEEL	2019	100.0
BIS-2018-0006-4	O&k American Corp	7213990030	Granted	30/08/18	Canada		14.7	YES	CARBON CHQ	2018	1.3
BIS-2018-0006-4	O&k American Corp	7213913015	Granted	30/08/18	Canada		6.5	YES	CARBON CHQ	2018	607.9
BIS-2018-0006-4	O&k American Corp	7213913015	Granted	30/08/18	Canada		10.5	YES	CARBON CHQ	2018	19.0
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	29/05/19	Japan	NA			ALLOY STEEL	2019	100.0
BIS-2018-0006-1	Nippon Steel & Sumikin Bussan Americas, Inc	7227906030	Granted	31/05/19	Japan	NA			ALLOY STEEL	2019	300.0
BIS-2018-0006-4	O&k American Corp	7227906010	Granted	30/08/18	Canada		13.5	YES	ALLOY STEEL	2018	318.0
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	500.0
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	16/05/18	Germany	NA		NA	ALLOY STEEL	2018	250.0
BIS-2018-0006-4	Cold Heading Company	7213913093	Granted	30/08/18	Canada		10.6	YES	CARBON CHQ	2018	20.0
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	500.0
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	16/05/18	Germany	NA		NA	ALLOY STEEL	2018	250.0
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	17/05/18	Japan	NA		NA	ALLOY STEEL	2018	500.0
BIS-2018-0006-4	Acument Global Technologies, Inc.	7213913015	Granted	30/08/18	Canada		7.5	YES	CARBON CHQ	2018	1,600.0
BIS-2018-0006-4	O&k American Corp	7213913015	Granted	30/08/18	Canada		8.5	YES	CARBON CHQ	2018	19.6
BIS-2018-0006-4	O&k American Corp	7213913015	Granted	30/08/18	Canada		11.5	YES	CARBON CHQ	2018	40.8
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	17/05/18	Germany	NA		NA	ALLOY STEEL	2018	250.0
BIS-2018-0006-4	O&k American Corp	7213913015	Granted	30/08/18	Canada		13.5	YES	CARBON CHQ	2018	17.8

BIS-2018-0006-4	O&k American Corp	7227906010	Granted	31/08/18	Canada		7.5	YES	ALLOY STEEL	2018	1,611.7
BIS-2018-0006-4	O&k American Corp	7227906010	Granted	31/08/18	Canada		10.5	YES	MICRO ALLOY	2018	200.6
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	17/05/18	Germany	NA		NA	ALLOY STEEL	2018	250.0
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	17/05/18	Germany	NA		NA	ALLOY STEEL	2018	250.0
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	17/05/18	Japan	NA		NA	ALLOY STEEL	2018	500.0
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	17/05/18	Germany	NA		NA	ALLOY STEEL	2018	250.0
BIS-2018-0006-4	O&k American Corp	7213913015	Granted	31/08/18	Canada		6.5	YES	CARBON CHQ	2018	98.8
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	17/05/18	Japan	NA		NA	ALLOY STEEL	2018	500.5
BIS-2018-0006-4	O&k American Corp	7227906010	Granted	31/08/18	Canada		14.3	YES	ALLOY STEEL	2018	767.3
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	17/05/18	Japan	NA		NA	ALLOY STEEL	2018	500.0
BIS-2018-0006-4	O&k American Corp	7227906010	Granted	31/08/18	Canada		13	YES	ALLOY STEEL	2018	1,169.2
BIS-2018-0006-4	O&k American Corp	7227906010	Granted	31/08/18	Canada		10.5	YES	ALLOY STEEL	2018	146.7
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	29/05/19	Germany	NA			ALLOY STEEL	2019	250.0
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	29/05/19	Japan	NA			ALLOY STEEL	2019	500.0
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	29/05/19	Japan	NA			ALLOY STEEL	2019	1,000.0
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	29/05/19	Japan	NA			ALLOY STEEL	2019	1,000.0
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	29/05/19	Germany	NA			ALLOY STEEL	2019	250.0
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	29/05/19	Japan	NA			ALLOY STEEL	2019	1,000.0
BIS-2018-0006-4	O&k American Corp	7227906010	Granted	31/08/18	Canada		11	YES	ALLOY STEEL	2018	111.5
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	29/05/19	Japan	NA			ALLOY STEEL	2019	500.0
BIS-2018-0006-4	O&k American Corp	7227906010	Granted	31/08/18	Canada		15	YES	ALLOY STEEL	2018	171.2
BIS-2018-0006-1	Nippon Steel & Sumikin Bussan Americas, Inc	7227906030	Granted	19/06/18	Japan	NA		NA	ALLOY STEEL	2018	500.0
BIS-2018-0006-4	O&k American Corp	7227906010	Granted	31/08/18	Canada		9.5	YES	ALLOY STEEL	2018	2,213.7
BIS-2018-0006-1	Nippon Steel & Sumikin Bussan Americas, Inc	7227906030	Granted	19/06/18	Japan	NA		NA	ALLOY STEEL	2018	500.0
BIS-2018-0006-1	Nippon Steel & Sumikin Bussan Americas, Inc	7227906030	Granted	19/06/18	Japan	NA		NA	ALLOY STEEL	2018	500.0
BIS-2018-0006-4	O&k American Corp	7227906010	Granted	31/08/18	Canada		17.5	YES	MICRO ALLOY	2018	229.5
BIS-2018-0006-4	O&k American Corp	7227906010	Granted	31/08/18	Canada		15.8	YES	MICRO ALLOY	2018	85.0
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	577.5
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	17/05/18	Japan	NA		NA	ALLOY STEEL	2018	632.5
BIS-2018-0006-4	O&k American Corp	7227906010	Granted	31/08/18	Canada		8.3	YES	MICRO ALLOY	2018	102.7
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	17/05/18	Japan	NA		NA	ALLOY STEEL	2018	577.5
BIS-2018-0006-4	O&k American Corp	7227906010	Granted	31/08/18	Canada		8.5	YES	ALLOY STEEL	2018	255.8
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	17/05/18	Japan	NA		NA	ALLOY STEEL	2018	500.0
BIS-2018-0006-4	O&k American Corp	7227906010	Granted	31/08/18	Canada		7	YES	MICRO ALLOY	2018	147.8
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	29/05/19	Japan	NA			ALLOY STEEL	2019	500.0
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	29/05/19	Japan	NA			ALLOY STEEL	2019	577.5
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	29/05/19	Japan	NA			ALLOY STEEL	2019	632.5
BIS-2018-0006-4	O&k American Corp	7213913015	Granted	31/08/18	Canada		9.5	YES	CARBON CHQ	2018	126.3

BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	100.0
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	17/05/18	Japan	NA		NA	ALLOY STEEL	2018	500.0
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	17/05/18	Japan	NA		NA	ALLOY STEEL	2018	100.0
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	29/05/19	Japan	NA			ALLOY STEEL	2019	1,000.0
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	29/05/19	Japan	NA			ALLOY STEEL	2019	500.0
BIS-2018-0006-4	O&k American Corp	7227906010	Granted	31/08/18	Canada		6	YES	ALLOY STEEL	2018	173.8
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	2,150.5
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	1,500.0
BIS-2018-0006-4	O&k American Corp	7227906010	Granted	31/08/18	Canada		6.5	YES	ALLOY STEEL	2018	84.4
BIS-2018-0006-4	O&k American Corp	7213913015	Granted	31/08/18	Canada		12	YES	CARBON CHQ	2018	120.7
BIS-2018-0006-4	O&k American Corp	7213913015	Granted	31/08/18	Canada		7.5	YES	CARBON CHQ	2018	1,978.9
BIS-2018-0006-4	O&k American Corp	7227906010	Granted	31/08/18	Canada		14.7	YES	MICRO ALLOY	2018	222.7
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	120.0
BIS-2018-0006-4	O&k American Corp	7213913015	Granted	31/08/18	Canada		13.5	YES	CARBON CHQ	2018	105.8
BIS-2018-0006-4	O&k American Corp	7227906010	Granted	31/08/18	Canada		11.5	YES	ALLOY STEEL	2018	222.6
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	17/05/18	Japan	NA		NA	ALLOY STEEL	2018	715.0
BIS-2018-0006-4	O&k American Corp	7213913015	Granted	31/08/18	Canada		9	YES	CARBON CHQ	2018	87.0
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	17/05/18	Japan	NA		NA	ALLOY STEEL	2018	120.0
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	29/05/19	Japan	NA			ALLOY STEEL	2019	500.0
BIS-2018-0006-4	O&k American Corp	7213990060	Granted	31/08/18	Canada		21.5	NO	CARBON CHQ	2018	251.8
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	29/05/19	Japan	NA			ALLOY STEEL	2019	4,000.0
BIS-2018-0006-4	O&k American Corp	7227906010	Granted	31/08/18	Canada		7.5	YES	MICRO ALLOY	2018	2,688.7
BIS-2018-0006-4	O&k American Corp	7227906010	Granted	31/08/18	Canada		18.2	YES	ALLOY STEEL	2018	850.4
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	29/05/19	Japan	NA			ALLOY STEEL	2019	750.0
BIS-2018-0006-4	American NTN Bearing Manufacturing Corpor	7227901060	Granted	14/09/18	Japan		9.5	NO	BALL BEARING STEEL	2018	640.0
BIS-2018-0006-4	American NTN Bearing Manufacturing Corpor	7227901060	Granted	14/09/18	Japan		8.3	NO	BALL BEARING STEEL	2018	310.0
BIS-2018-0006-4	American NTN Bearing Manufacturing Corpor	7227901060	Granted	14/09/18	Japan		10	NO	BALL BEARING STEEL	2018	600.0
BIS-2018-0006-4	TOKUSEN U.S.A., Inc.	7213913011	Granted	21/09/18	Germany		5.5	NO	TIRE CORD	2018	10,000.0
BIS-2018-0006-4	TOKUSEN U.S.A., Inc.	7213913011	Granted	21/09/18	Japan		5.5	NO	TIRE CORD	2018	10,000.0
BIS-2018-0006-4	TOKUSEN U.S.A., Inc.	7213913011	Granted	21/09/18	Germany		5.5	NO	TIRE CORD	2018	10,000.0
BIS-2018-0006-4	Bekaert Corporation	7213913011	Granted	21/09/18	Germany		5.5	NO	TIRE CORD	2018	1,000.0
BIS-2018-0006-4	Bekaert Corporation	7213913011	Granted	21/09/18	Japan		5.5	NO	TIRE CORD	2018	5,500.0
BIS-2018-0006-4	TOKUSEN U.S.A., Inc.	7213913011	Granted	21/09/18	Japan		5.5	NO	TIRE CORD	2018	5,000.0
BIS-2018-0006-4	Bekaert Corporation	7213913011	Granted	21/09/18	Japan		5.5	NO	TIRE CORD	2018	200.0
BIS-2018-0006-4	TOKUSEN U.S.A., Inc.	7213913011	Granted	21/09/18	United Kingdo		5.5	NO	TIRE CORD	2018	10,000.0
BIS-2018-0006-4	Bekaert Corporation	7213913011	Granted	21/09/18	United Kingdo		5.5	NO	TIRE CORD	2018	42,000.0
BIS-2018-0006-4	TOKUSEN U.S.A., Inc.	7213913011	Granted	21/09/18	Germany		5.5	NO	TIRE CORD	2018	5,000.0
BIS-2018-0006-4	Bekaert Corporation	7213913011	Granted	21/09/18	Japan		5.5	NO	TIRE CORD	2018	5,500.0

BIS-2018-0006-4	Bekaert Corporation	7213913011	Granted	21/09/18	Japan		5.5	NO	TIRE CORD	2018	800.0
BIS-2018-0006-4	TOKUSEN U.S.A., Inc.	7213913011	Granted	21/09/18	United Kingdo		5.5	NO	TIRE CORD	2018	10,000.0
BIS-2018-0006-4	TOKUSEN U.S.A., Inc.	7213913011	Granted	21/09/18	United Kingdo		5.5	NO	TIRE CORD	2018	5,000.0
BIS-2018-0006-4	TOKUSEN U.S.A., Inc.	7213913011	Granted	21/09/18	Japan		5.5	NO	TIRE CORD	2018	10,000.0
BIS-2018-0006-4	ITW Bedford Wire	7227906010	Granted	24/09/18	Canada		7	YES	ALLOY STEEL	2018	538.0
BIS-2018-0006-4	ITW Bedford Wire	7227906010	Granted	24/09/18	Canada		10.5	YES	ALLOY STEEL	2018	550.0
BIS-2018-0006-4	ITW Bedford Wire	7227906010	Granted	24/09/18	Canada		7.5	YES	ALLOY STEEL	2018	620.0
BIS-2018-0006-4	TOKUSEN U.S.A., Inc.	7213913011	Granted	24/09/18	Germany		5.5	NO	TIRE CORD	2018	12,000.0
BIS-2018-0006-4	TOKUSEN U.S.A., Inc.	7213913011	Granted	24/09/18	Japan		5.5	NO	TIRE CORD	2018	40,000.0
BIS-2018-0006-4	ITW Bedford Wire	7227906010	Granted	24/09/18	Canada		9.5	YES	ALLOY STEEL	2018	350.0
BIS-2018-0006-4	TOKUSEN U.S.A., Inc.	7213913011	Granted	24/09/18	United Kingdo		5.5	NO	TIRE CORD	2018	40,000.0
BIS-2018-0006-4	ITW Bedford Wire	7227906010	Granted	24/09/18	Canada		8.7	YES	ALLOY STEEL	2018	600.0
BIS-2018-0006-4	ITW Bedford Wire	7227906010	Granted	24/09/18	Canada		15.1	YES	ALLOY STEEL	2018	300.0
BIS-2018-0006-4	TOKUSEN U.S.A., Inc.	7213913011	Granted	24/09/18	Japan		5.5	NO	TIRE CORD	2018	12,000.0
BIS-2018-0006-4	ITW Bedford Wire	7227906010	Granted	24/09/18	Canada		13	YES	ALLOY STEEL	2018	370.0
BIS-2018-0006-4	TOKUSEN U.S.A., Inc.	7213913011	Granted	24/09/18	United Kingdo		5.5	NO	TIRE CORD	2018	12,000.0
BIS-2018-0006-4	TOKUSEN U.S.A., Inc.	7213913011	Granted	24/09/18	Germany		5.5	NO	TIRE CORD	2018	40,000.0
BIS-2018-0006-4	Bekaert Corporation	7213913011	Granted	24/09/18	Spain		5.5	NO	TIRE CORD	2018	1,000.0
BIS-2018-0006-4	ITW Bedford Wire	7227906010	Granted	24/09/18	Canada		8	YES	ALLOY STEEL	2018	265.0
BIS-2018-0006-4	ITW Bedford Wire	7227906010	Granted	24/09/18	Canada		11	YES	ALLOY STEEL	2018	600.0
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	29/05/19	Japan	NA			ALLOY STEEL	2019	1,500.0
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	675.0
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	17/05/18	Japan	NA		NA	ALLOY STEEL	2018	675.0
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	29/05/19	Japan	NA			ALLOY STEEL	2019	675.0
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	17/05/18	Japan	NA		NA	ALLOY STEEL	2018	500.0
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	17/05/18	Japan	NA		NA	ALLOY STEEL	2018	146.0
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	17/05/18	Japan	NA		NA	ALLOY STEEL	2018	500.0
BIS-2018-0006-8	Universal Bearings, LLC	7227902060	Granted	13/11/18	South Korea		7.5	NO	BALL BEARING STEEL	2018	20.0
BIS-2018-0006-8	Universal Bearings, LLC	7227902060	Granted	13/11/18	South Korea		13.5	NO	BALL BEARING STEEL	2018	60.0
BIS-2018-0006-8	NSK Corporation	7227902030	Granted	16/11/18	Japan		7.8	NO	BALL BEARING STEEL	2018	254.0
			Granted	16/11/18	Japan		7.8	NO	BALL BEARING STEEL	2018	254.0
BIS-2018-0006-8	NSK Corporation	7227901030	Granted	16/11/18	Japan		8.9	NO	BALL BEARING STEEL	2018	1,030.0
BIS-2018-0006-8	NSK Corporation	7227901030	Granted	16/11/18	Japan		10.5	NO	BALL BEARING STEEL	2018	211.0
BIS-2018-0006-8	NSK Corporation	7227901030	Granted	16/11/18	Japan		8.3	NO	BALL BEARING STEEL	2018	142.0
BIS-2018-0006-8	NSK Corporation	7227901030	Granted	16/11/18	Japan		9.5	NO	BALL BEARING STEEL	2018	2.0
BIS-2018-0006-8	NSK Corporation	7227901030	Granted	16/11/18	Japan		6.3	NO	BALL BEARING STEEL	2018	126.0
BIS-2018-0006-8	NSK Corporation	7227901030	Granted	16/11/18	Japan		7.8	NO	BALL BEARING STEEL	2018	87.0
BIS-2018-0006-8	NSK Corporation	7227902030	Granted	16/11/18	Japan		11	NO	BALL BEARING STEEL	2018	55.0

BIS-2018-0006-8	NSK Corporation	7227902030	Granted	16/11/18	Japan		7.3	NO	BALL BEARING STEEL	2018	168.0
BIS-2018-0006-8	NSK Corporation	7227902030	Granted	16/11/18	Japan		6.3	NO	BALL BEARING STEEL	2018	126.0
BIS-2018-0006-8	NSK Corporation	7227901030	Granted	16/11/18	Japan		9.4	NO	BALL BEARING STEEL	2018	225.0
BIS-2018-0006-8	NSK Corporation	7227902030	Granted	16/11/18	Japan		8.9	NO	BALL BEARING STEEL	2018	206.0
BIS-2018-0006-8	NSK Corporation	7227902030	Granted	16/11/18	Japan		8.1	NO	BALL BEARING STEEL	2018	86.0
BIS-2018-0006-8	NSK Corporation	7227902030	Granted	16/11/18	Japan		8.9	NO	BALL BEARING STEEL	2018	200.0
BIS-2018-0006-8	NSK Corporation	7227902030	Granted	16/11/18	Japan		5.7	NO	BALL BEARING STEEL	2018	60.0
BIS-2018-0006-8	NSK Corporation	7227902030	Granted	16/11/18	Japan		9.5	NO	BALL BEARING STEEL	2018	300.0
BIS-2018-0006-8	NSK Corporation	7227902030	Granted	16/11/18	Japan		12.1	NO	BALL BEARING STEEL	2018	7.6
BIS-2018-0006-8	Schaeffler Group USA Inc.	7227902030	Granted	16/11/18	Japan	NA		NO	BALL BEARING STEEL	2018	100.0
BIS-2018-0006-8	NSK Corporation	7227901030	Granted	16/11/18	Japan		7.3	NO	BALL BEARING STEEL	2018	168.0
BIS-2018-0006-8	NSK Corporation	7227901030	Granted	16/11/18	Japan		5.7	NO	BALL BEARING STEEL	2018	115.0
BIS-2018-0006-8	NSK Corporation	7227901030	Granted	16/11/18	Japan		9.9	NO	BALL BEARING STEEL	2018	92.0
BIS-2018-0006-8	NSK Corporation	7227901030	Granted	16/11/18	Japan		11	NO	BALL BEARING STEEL	2018	55.0
BIS-2018-0006-8	NSK Corporation	7227901030	Granted	16/11/18	Japan		6.8	NO	BALL BEARING STEEL	2018	142.0
BIS-2018-0006-8	NSK Corporation	7227902030	Granted	16/11/18	Japan		10.5	NO	BALL BEARING STEEL	2018	211.0
BIS-2018-0006-8	NSK Corporation	7227901030	Granted	16/11/18	Japan		8.1	NO	BALL BEARING STEEL	2018	86.0
BIS-2018-0006-8	NSK Corporation	7227902030	Granted	16/11/18	Japan		8.3	NO	BALL BEARING STEEL	2018	522.0
BIS-2018-0006-8	NSK Corporation	7227902030	Granted	16/11/18	Japan		8.3	NO	BALL BEARING STEEL	2018	5.0
BIS-2018-0006-8	NSK Corporation	7227902030	Granted	16/11/18	Japan		9.4	NO	BALL BEARING STEEL	2018	225.0
BIS-2018-0006-8	NSK Corporation	7227902030	Granted	16/11/18	Japan		9.9	NO	BALL BEARING STEEL	2018	92.0
BIS-2018-0006-8	NSK Corporation	7227901030	Granted	16/11/18	Japan		12.1	NO	BALL BEARING STEEL	2018	7.6
BIS-2018-0006-8	NSK Corporation	7227902030	Granted	16/11/18	Japan		6.8	NO	BALL BEARING STEEL	2018	142.0
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	29/05/19	Japan	NA			ALLOY STEEL	2019	1,000.0
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	29/05/19	Japan	NA			ALLOY STEEL	2019	1,000.0
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	29/05/19	Japan	NA			ALLOY STEEL	2019	1,000.0
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	500.0
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	10.0
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	615.0
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	500.0
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	29/05/19	Japan	NA			ALLOY STEEL	2019	300.0
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	29/05/19	Japan	NA			ALLOY STEEL	2019	1,500.0
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	29/05/19	Japan	NA			ALLOY STEEL	2019	1,000.0
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	29/05/19	Japan	NA			ALLOY STEEL	2019	1,000.0
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	1,300.0
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	17/05/18	Japan	NA		NA	ALLOY STEEL	2018	1,300.0
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	100.0
BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	16/05/18	Japan	NA		NA	ALLOY STEEL	2018	300.0

BIS-2018-0006-3	Suzuki Garphyttan Corporation	7227906030	Granted	16/05/18	Japan	NA	NA	ALLOY STEEL	2018	100.0
BIS-2018-0006-8	Grand Blanc Processing, L.L.C.	7213990060	Granted	19/11/18	Japan	28	NO	CARBON CHQ	2018	40.0
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	29/05/19	Japan	NA		ALLOY STEEL	2019	300.0
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	29/05/19	Japan	NA		ALLOY STEEL	2019	500.0
BIS-2018-0006-1	Suzuki Garphyttan Corporation	7227906030	Granted	29/05/19	Japan	NA		ALLOY STEEL	2019	750.0
BIS-2018-0006-8	voestalpine High Performance Metals Corp.	7227901060	Granted	19/11/18	Brazil	5.5	NO	TOOL STEEL	2018	3.2
BIS-2018-0006-8	voestalpine High Performance Metals Corp.	7227901060	Granted	19/11/18	Brazil	13.5	NO	TOOL STEEL	2018	9.8
BIS-2018-0006-8	voestalpine High Performance Metals Corp.	7227901060	Granted	19/11/18	Brazil	5.5	NO	TOOL STEEL	2018	1.3
BIS-2018-0006-8	voestalpine High Performance Metals Corp.	7227901060	Granted	19/11/18	Brazil	5.5	NO	TOOL STEEL	2018	4.8
BIS-2018-0006-8	voestalpine High Performance Metals Corp.	7227901060	Granted	19/11/18	Brazil	5.5	NO	TOOL STEEL	2018	4.8
BIS-2018-0006-8	voestalpine High Performance Metals Corp.	7227901060	Granted	19/11/18	Brazil	5.5	NO	TOOL STEEL	2018	9.6
BIS-2018-0006-8	voestalpine High Performance Metals Corp.	7227901060	Granted	19/11/18	Brazil	5.5	NO	TOOL STEEL	2018	2.5
BIS-2018-0006-8	voestalpine High Performance Metals Corp.	7227901060	Granted	19/11/18	Brazil	5.5	NO	TOOL STEEL	2018	8.0
BIS-2018-0006-8	voestalpine High Performance Metals Corp.	7227901060	Granted	19/11/18	Brazil	5.5	NO	TOOL STEEL	2018	1.3
BIS-2018-0006-8	voestalpine High Performance Metals Corp.	7227901060	Granted	19/11/18	Brazil	5.5	NO	TOOL STEEL	2018	3.0
BIS-2018-0006-8	voestalpine High Performance Metals Corp.	7227901060	Granted	19/11/18	Brazil	5.5	NO	TOOL STEEL	2018	6.4
BIS-2018-0006-8	voestalpine High Performance Metals Corp.	7227901060	Granted	19/11/18	Brazil	5.5	NO	TOOL STEEL	2018	9.6
BIS-2018-0006-8	voestalpine High Performance Metals Corp.	7227901060	Granted	19/11/18	Brazil	13.5	NO	TOOL STEEL	2018	14.4
BIS-2018-0006-8	voestalpine High Performance Metals Corp.	7227901060	Granted	19/11/18	Brazil	5.5	NO	TOOL STEEL	2018	9.6
BIS-2018-0006-8	voestalpine High Performance Metals Corp.	7227901060	Granted	19/11/18	Brazil	5.5	NO	TOOL STEEL	2018	4.8
BIS-2018-0006-8	voestalpine High Performance Metals Corp.	7227901060	Granted	19/11/18	Brazil	5.5	NO	TOOL STEEL	2018	9.6
BIS-2018-0006-8	voestalpine High Performance Metals Corp.	7227901060	Granted	19/11/18	Brazil	5.5	NO	TOOL STEEL	2018	2.5
BIS-2018-0006-8	voestalpine High Performance Metals Corp.	7227901060	Granted	19/11/18	Brazil	5.5	NO	TOOL STEEL	2018	2.5
BIS-2018-0006-8	Erasteel Inc	7227902060	Granted	27/11/18	Sweden	12	NO	TOOL STEEL	2018	2.1
BIS-2018-0006-8	voestalpine High Performance Metals Corp.	7227901060	Granted	19/11/18	Brazil	5.5	NO	TOOL STEEL	2018	1.6
BIS-2018-0006-8	voestalpine High Performance Metals Corp.	7227901060	Granted	27/11/18	Brazil	NA	NO	TOOL STEEL	2018	9.6
BIS-2018-0006-8	Erasteel Inc	7227902060	Granted	27/11/18	Sweden	5.5	NO	TOOL STEEL	2018	1.2
BIS-2018-0006-8	voestalpine High Performance Metals Corp.	7227901060	Granted	27/11/18	Brazil	NA	NO	TOOL STEEL	2018	1.3
BIS-2018-0006-8	voestalpine High Performance Metals Corp.	7227901060	Granted	27/11/18	Brazil	NA	NO	TOOL STEEL	2018	3.2
BIS-2018-0006-8	Erasteel Inc	7227902060	Granted	27/11/18	Sweden	9	NO	TOOL STEEL	2018	0.4
BIS-2018-0006-8	voestalpine High Performance Metals Corp.	7227901060	Granted	27/11/18	Brazil	13.5	NO	TOOL STEEL	2018	9.6
BIS-2018-0006-8	voestalpine High Performance Metals Corp.	7227901060	Granted	27/11/18	Brazil	7.5	NO	TOOL STEEL	2018	3.2
BIS-2018-0006-8	voestalpine High Performance Metals Corp.	7227901060	Granted	27/11/18	Brazil	NA	NO	TOOL STEEL	2018	3.2
BIS-2018-0006-8	Erasteel Inc	7227902060	Granted	28/11/18	Sweden	13.5	NO	TOOL STEEL	2018	3.5
BIS-2018-0006-8	Erasteel Inc	7227902060	Granted	28/11/18	Sweden	11.5	NO	TOOL STEEL	2018	1.6
BIS-2018-0006-8	Erasteel Inc	7227902060	Granted	28/11/18	Sweden	18	NO	TOOL STEEL	2018	0.4
BIS-2018-0006-6	Acument Global Technologies, Inc.	7213913015	Granted	28/11/18	Canada	12.25	YES	CARBON CHQ	2018	50.0
BIS-2018-0006-8	Erasteel Inc	7227902060	Granted	28/11/18	Sweden	6	NO	TOOL STEEL	2018	0.4

BIS-2018-0006-8	Erasteel Inc	7227902060	Granted	28/11/18	Sweden		14	NO	TOOL STEEL	2018	2.0
BIS-2018-0006-6	Acument Global Technologies, Inc.	7213913015	Granted	28/11/18	Canada		12	YES	CARBON CHQ	2018	300.0
BIS-2018-0006-8	Erasteel Inc	7227902060	Granted	28/11/18	Sweden		20.3	NO	TOOL STEEL	2018	3.9
BIS-2018-0006-6	Acument Global Technologies, Inc.	7213990030	Granted	28/11/18	Canada		14	YES	CARBON CHQ	2018	350.0
BIS-2018-0006-8	Erasteel Inc	7227902060	Granted	28/11/18	Sweden		10.5	NO	TOOL STEEL	2018	3.3
BIS-2018-0006-6	Acument Global Technologies, Inc.	7213990030	Granted	28/11/18	Canada		17.7	YES	CARBON CHQ	2018	200.0
BIS-2018-0006-8	Erasteel Inc	7227902060	Granted	28/11/18	Sweden		19	NO	TOOL STEEL	2018	1.2
BIS-2018-0006-8	Erasteel Inc	7227902060	Granted	28/11/18	Sweden		17	NO	TOOL STEEL	2018	1.2
BIS-2018-0006-8	Erasteel Inc	7227902060	Granted	28/11/18	Sweden		12.5	NO	TOOL STEEL	2018	0.8
BIS-2018-0006-8	Erasteel Inc	7227902060	Granted	28/11/18	Sweden		7	NO	TOOL STEEL	2018	0.8
BIS-2018-0006-8	Erasteel Inc	7227902060	Granted	28/11/18	Sweden		16	NO	TOOL STEEL	2018	0.4
BIS-2018-0006-8	Erasteel Inc	7227902060	Granted	28/11/18	Sweden		8.5	NO	TOOL STEEL	2018	1.2
BIS-2018-0006-8	Erasteel Inc	7227902060	Granted	28/11/18	Sweden		9.5	NO	TOOL STEEL	2018	1.2
BIS-2018-0006-8	Erasteel Inc	7227902060	Granted	28/11/18	Sweden		19.7	NO	TOOL STEEL	2018	0.4
BIS-2018-0006-8	Grand Blanc Processing, L.L.C.	7213990060	Granted	29/11/18	Japan		28	NO	CARBON CHQ	2018	40.0
BIS-2018-0006-9	O&k American Corp	7213990060	Granted	13/12/18	Japan		29	NO	CARBON CHQ	2018	61.8
BIS-2018-0006-8	voestalpine High Performance Metals Corp.	7227901060	Granted	27/11/18	Brazil	NA		NO	TOOL STEEL	2018	3.2
BIS-2018-0006-8	voestalpine High Performance Metals Corp.	7227901060	Granted	27/11/18	Brazil	NA		NO	TOOL STEEL	2018	4.8
BIS-2018-0006-8	voestalpine High Performance Metals Corp.	7227901060	Granted	27/11/18	Brazil		5.5	NO	TOOL STEEL	2018	9.6
BIS-2018-0006-9	O&k American Corp	7213990060	Granted	13/12/18	Japan		38	NO	CARBON CHQ	2018	440.8
BIS-2018-0006-9	O&k American Corp	7213990060	Granted	13/12/18	Japan		25	NO	CARBON CHQ	2018	100.0
BIS-2018-0006-1	voestalpine High Performance Metals Corp.	7227901060	Granted	18/04/19	Brazil		5.5	NO	TOOL STEEL	2019	3.9
BIS-2018-0006-8	voestalpine High Performance Metals Corp.	7227901060	Granted	19/11/18	Brazil	NA		NO	TOOL STEEL	2018	1.4
BIS-2018-0006-8	voestalpine High Performance Metals Corp.	7227901060	Granted	19/11/18	Brazil	NA		NO	TOOL STEEL	2018	3.2
BIS-2018-0006-8	voestalpine High Performance Metals Corp.	7227901060	Granted	19/11/18	Brazil		13.5	NO	TOOL STEEL	2018	6.4
BIS-2018-0006-8	voestalpine High Performance Metals Corp.	7227901060	Granted	19/11/18	Brazil		10.3	NO	TOOL STEEL	2018	1.9
BIS-2018-0006-8	voestalpine High Performance Metals Corp.	7227901060	Granted	19/11/18	Brazil	NA		NO	TOOL STEEL	2018	1.6
BIS-2018-0006-8	voestalpine High Performance Metals Corp.	7227901060	Granted	19/11/18	Brazil		8.9	NO	TOOL STEEL	2018	1.3
BIS-2018-0006-8	voestalpine High Performance Metals Corp.	7227901060	Granted	19/11/18	Brazil		10.3	NO	TOOL STEEL	2018	1.6
BIS-2018-0006-9	O&k American Corp	7213990060	Granted	13/12/18	Japan		32	NO	CARBON CHQ	2018	224.3
BIS-2018-0006-8	voestalpine High Performance Metals Corp.	7227901060	Granted	19/11/18	Brazil	NA		NO	TOOL STEEL	2018	1.9
BIS-2018-0006-8	voestalpine High Performance Metals Corp.	7227901060	Granted	19/11/18	Brazil	NA		NO	TOOL STEEL	2018	3.2
BIS-2018-0006-9	O&k American Corp	7213990060	Granted	13/12/18	Japan		33	NO	CARBON CHQ	2018	100.0
BIS-2018-0006-9	O&k American Corp	7213990060	Granted	13/12/18	Japan		27	NO	CARBON CHQ	2018	262.6
BIS-2018-0006-8	voestalpine High Performance Metals Corp.	7227901060	Granted	19/11/18	Brazil	NA		NO	TOOL STEEL	2018	1.9
BIS-2018-0006-9	O&k American Corp	7213990060	Granted	13/12/18	Japan		35	NO	CARBON CHQ	2018	45.9
BIS-2018-0006-8	voestalpine High Performance Metals Corp.	7227901060	Granted	19/11/18	Brazil		7.7	NO	TOOL STEEL	2018	3.2
BIS-2018-0006-8	voestalpine High Performance Metals Corp.	7227901060	Granted	19/11/18	Brazil	NA		NO	TOOL STEEL	2018	3.2

BIS-2018-0006-9	Nippon Steel & Sumikin Cold Heading Wire In(	7213990060	Granted	14/12/18	Japan		22	NO	CARBON CHQ	2018	360.0
BIS-2018-0006-8	voestalpine High Performance Metals Corp.	7227901060	Granted	19/11/18	Brazil	NA		NO	TOOL STEEL	2018	2.6
BIS-2018-0006-8	voestalpine High Performance Metals Corp.	7227901060	Granted	19/11/18	Brazil	NA		NO	TOOL STEEL	2018	6.4
BIS-2018-0006-9	Nippon Steel & Sumikin Cold Heading Wire In(	7227906030	Granted	17/12/18	Japan		11	YES	ALLOY STEEL	2018	360.0
BIS-2018-0006-9	Nippon Steel & Sumikin Cold Heading Wire In	7227906030	Granted	17/12/18	Japan		9.5	YES	MICRO ALLOY	2018	108.0
BIS-2018-0006-9	Nippon Steel & Sumikin Cold Heading Wire In	7227906030	Granted	17/12/18	Japan		12.5	YES	MICRO ALLOY	2018	360.0
BIS-2018-0006-9	Nippon Steel & Sumikin Cold Heading Wire In(	7227906030	Granted	17/12/18	Japan		10	YES	ALLOY STEEL	2018	360.0
BIS-2018-0006-9	Nippon Steel & Sumikin Cold Heading Wire In	7227906030	Granted	17/12/18	Japan		12	YES	MICRO ALLOY	2018	36.0
BIS-2018-0006-9	Nippon Steel & Sumikin Cold Heading Wire In(	7227906030	Granted	17/12/18	Japan		6.5	YES	ALLOY STEEL	2018	360.0
BIS-2018-0006-9	Nippon Steel & Sumikin Cold Heading Wire In(	7227906030	Granted	17/12/18	Japan		12	YES	ALLOY STEEL	2018	360.0
BIS-2018-0006-9	Nippon Steel & Sumikin Cold Heading Wire In(	7227906030	Granted	17/12/18	Japan		13	YES	ALLOY STEEL	2018	360.0
BIS-2018-0006-9	Nippon Steel & Sumikin Cold Heading Wire In	7213990030	Granted	17/12/18	Japan		15.5	YES	CARBON CHQ	2018	360.0
BIS-2018-0006-9	Nippon Steel & Sumikin Cold Heading Wire In	7227906030	Granted	17/12/18	Japan		5.5	YES	MICRO ALLOY	2018	3,600.0
BIS-2018-0006-9	Nippon Steel & Sumikin Cold Heading Wire In	7227906030	Granted	17/12/18	Japan		7.4	YES	MICRO ALLOY	2018	720.0
BIS-2018-0006-9	Nippon Steel & Sumikin Cold Heading Wire In	7227906030	Granted	17/12/18	Japan		6.7	YES	MICRO ALLOY	2018	108.0
			Granted	17/12/18	Japan	NA		NA	ALLOY STEEL	2018	1.6
			Granted	17/12/18	Austria	NA		NA	ALLOY STEEL	2018	2.0
BIS-2018-0006-9	Nippon Steel & Sumikin Cold Heading Wire In	7227906030	Granted	17/12/18	Japan		7.5	YES	MICRO ALLOY	2018	324.0
			Granted	17/12/18	South Korea	NA		NA	ALLOY STEEL	2018	1.4
			Granted	17/12/18	Germany	NA		NA	ALLOY STEEL	2018	1.0
BIS-2018-0006-9	Nippon Steel & Sumikin Cold Heading Wire In(	7227906030	Granted	17/12/18	Japan		7.5	YES	ALLOY STEEL	2018	360.0
			Granted	17/12/18	Japan	NA		NA	ALLOY STEEL	2018	1.6
BIS-2018-0006-9	Nippon Steel & Sumikin Cold Heading Wire In	7227906030	Granted	17/12/18	Japan		8.3	YES	MICRO ALLOY	2018	360.0
BIS-2018-0006-9	Nippon Steel & Sumikin Cold Heading Wire In(	7227906030	Granted	17/12/18	Japan		8.5	YES	ALLOY STEEL	2018	360.0
			Granted	17/12/18	Austria	NA		NA	ALLOY STEEL	2018	2.0
			Granted	17/12/18	South Korea	NA		NA	ALLOY STEEL	2018	1.4
			Granted	17/12/18	Germany	NA		NA	ALLOY STEEL	2018	1.0
BIS-2018-0006-9	Nippon Steel & Sumikin Cold Heading Wire In(	7227906030	Granted	17/12/18	Japan		9	YES	ALLOY STEEL	2018	360.0
BIS-2018-0006-9	Metal One America, Inc.	7227906035	Granted	17/12/18	Japan		14.3	YES	ALLOY BOF	2018	1,000.0
BIS-2018-0006-1	Takako America Co., Inc.	7227906090	Granted	14/06/19	Japan		19	NO	ALLOY STEEL	2019	33.0
BIS-2018-0006-9	Nippon Steel & Sumikin Cold Heading Wire In	7227906035	Granted	17/12/18	Japan		14.5	YES	MICRO ALLOY	2018	252.0
BIS-2018-0006-9	Nippon Steel & Sumikin Cold Heading Wire In	7227906030	Granted	17/12/18	Japan		7.5	YES	MICRO ALLOY BOF	2018	360.0
BIS-2018-0006-2	Takako America Co., Inc.	7227906090	Granted	30/07/18	Japan		27	NO	ALLOY STEEL	2018	24.0
BIS-2018-0006-2	Takako America Co., Inc.	7227906090	Granted	30/07/18	Japan		19	NO	ALLOY STEEL	2018	33.0
69411	Metal One America, Inc.	7227901030	Granted	3/18/2020	Japan		10	NO	BALL BEARING STEEL	2020	1,500.0
69429	Dexter Fastener Technologies, Inc.	7227906010	Granted	3/16/2020	Japan		10.3	YES	ALLOY STEEL	2020	340.0
69446	Dexter Fastener Technologies, Inc.	7227906010	Granted	3/17/2020	Japan		13.6	YES	ALLOY STEEL	2020	108.0
69762	Metal One America, Inc.	7227906010	Granted	3/16/2020	Japan		5.7	YES	ALLOY STEEL	2020	1,980.0

69765	Metal One America, Inc.	7227906010	Granted	3/16/2020	Japan	7	YES	ALLOY STEEL	2020	36.0
69769	Metal One America, Inc.	7227906010	Granted	3/16/2020	Japan	7.5	YES	ALLOY STEEL	2020	648.0
69788	Metal One America, Inc.	7227906010	Granted	3/17/2020	Japan	8	YES	ALLOY STEEL	2020	360.0
69795	Metal One America, Inc.	7227906010	Granted	3/17/2020	Japan	8.5	YES	ALLOY STEEL	2020	72.0
69800	Metal One America, Inc.	7227906010	Granted	3/16/2020	Japan	9.5	YES	ALLOY STEEL	2020	2,340.0
69807	Metal One America, Inc.	7227906010	Granted	3/16/2020	Japan	10.5	YES	ALLOY STEEL	2020	1,260.0
69816	Metal One America, Inc.	7227906010	Granted	3/17/2020	Japan	12	YES	ALLOY STEEL	2020	144.0
69887	Daido Steel (America) Inc.	7227902030	Granted	3/17/2020	Japan	8.85	NO	BALL BEARING STEEL	2020	1,754.4
69893	Daido Steel (America) Inc.	7227902030	Granted	3/17/2020	Japan	8.05	NO	BALL BEARING STEEL	2020	400.0
69902	Daido Steel (America) Inc.	7227902030	Granted	3/16/2020	Japan	7.55	NO	BALL BEARING STEEL	2020	400.0
69905	Daido Steel (America) Inc.	7227902030	Granted	3/16/2020	Japan	7.05	NO	BALL BEARING STEEL	2020	400.0
69910	Daido Steel (America) Inc.	7227902030	Granted	3/16/2020	Japan	8.85	NO	BALL BEARING STEEL	2020	400.0
69921	Daido Steel (America) Inc.	7227902030	Granted	3/16/2020	Japan	8.05	NO	BALL BEARING STEEL	2020	400.0
69925	Daido Steel (America) Inc.	7227902030	Granted	3/16/2020	Japan	7.55	NO	BALL BEARING STEEL	2020	400.0
70314	voestalpine Bohler Welding USA Technology LL	7227200030	Granted	3/4/2020	Canada	5.2	YES	ALLOY STEEL	2020	1,300.0
70832	Nippon Steel Trading Americas, Inc.	7227906030	Granted	3/23/2020	Japan	8.8	YES	ALLOY STEEL	2020	2,000.0
71826	Metal One America, Inc.	7227906035	Granted	3/25/2020	Japan	18	YES	ALLOY STEEL	2020	1,750.0
71850	Metal One America, Inc.	7227906040	Granted	3/24/2020	Japan	18.75	YES	ALLOY STEEL	2020	2,000.0
72350	Metal One America, Inc.	7227906030	Granted	3/24/2020	Japan	13	YES	ALLOY STEEL	2020	1,500.0
72361	Metal One America, Inc.	7227906030	Granted	3/25/2020	Japan	13.25	YES	ALLOY STEEL	2020	1,500.0
72374	Metal One America, Inc.	7227906035	Granted	3/25/2020	Japan	14.75	YES	ALLOY STEEL	2020	700.0
72383	Metal One America, Inc.	7227906035	Granted	3/24/2020	Japan	15.75	YES	ALLOY STEEL	2020	500.0
72390	Metal One America, Inc.	7227906035	Granted	3/25/2020	Japan	16.75	YES	ALLOY STEEL	2020	930.0
72398	Metal One America, Inc.	7227906035	Granted	3/24/2020	Japan	14.25	YES	ALLOY STEEL	2020	100.0
72399	Metal One America, Inc.	7227906035	Granted	3/24/2020	Japan	14.25	YES	ALLOY STEEL	2020	100.0
72482	Neturen America corporation	7227906035	Granted	3/24/2020	Germany	14	YES	ALLOY STEEL	2020	800.0
72491	Neturen America corporation	7227906035	Granted	3/25/2020	Germany	14.6	YES	ALLOY STEEL	2020	500.0
72503	Neturen America corporation	7227906035	Granted	3/24/2020	Germany	15.6	YES	ALLOY STEEL	2020	500.0
72689	Erasteel Inc	7227100000	Granted	3/24/2020	Sweden	12.35	NO	FREE MACHINING/CUTTING	2020	1.2
72689	Erasteel Inc	7227100000	Granted	3/24/2020	Sweden	12.35	NO	FREE MACHINING/CUTTING	2020	1.2
72689	Erasteel Inc	7227100000	Granted	3/24/2020	France	12.35	NO	FREE MACHINING/CUTTING	2020	1.2
72689	Erasteel Inc	7227100000	Granted	3/24/2020	France	12.35	NO	FREE MACHINING/CUTTING	2020	1.2
72689	Erasteel Inc	7227100000	Granted	3/24/2020	France	12.35	NO	FREE MACHINING/CUTTING	2020	1.2
72689	Erasteel Inc	7227100000	Granted	3/24/2020	France	12.35	NO	FREE MACHINING/CUTTING	2020	1.2
37032	Toyota Tsusho America, Inc.	7227901060	Granted	7/11/2019	Japan	8.15	NO	BALL BEARING STEEL	2019	160.0
37124	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	6/11/2019	Japan	7.2	YES	ALLOY STEEL	2019	720.0
37125	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	11/19/2019	Japan	11.8	YES	ALLOY STEEL	2019	36.0
37126	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	6/11/2019	Japan	12.3	YES	ALLOY STEEL	2019	360.0

37127	Nippon Steel Cold Heading Wire Indiana Inc.	7227906035	Granted	11/19/2019	Japan	14.3	YES	ALLOY STEEL	2019	252.0
37160	Toyota Tsusho America, Inc.	7227901030	Granted	7/11/2019	Japan	8.15	NO	BALL BEARING STEEL	2019	160.0
37336	ASWPengg	7227906030	Granted	8/11/2019	Japan	5.25	YES	ALLOY STEEL	2019	100.0
37347	ASWPengg	7227906030	Granted	8/11/2019	Japan	6.25	YES	ALLOY STEEL	2019	100.0
37351	ASWPengg	7227906030	Granted	8/11/2019	Japan	8.75	YES	ALLOY STEEL	2019	100.0
37354	ASWPengg	7227906030	Granted	12/11/2019	Japan	6.25	YES	ALLOY STEEL	2019	100.0
37564	ASWPengg	7227906030	Granted	12/11/2019	Germany	5.25	YES	ALLOY STEEL	2019	100.0
37566	ASWPengg	7227906030	Granted	8/11/2019	Germany	5.25	YES	ALLOY STEEL	2019	100.0
37570	ASWPengg	7227906030	Granted	8/11/2019	Germany	5.25	YES	ALLOY STEEL	2019	200.0
37574	ASWPengg	7227906030	Granted	8/11/2019	Germany	6.25	YES	ALLOY STEEL	2019	200.0
37575	ASWPengg	7227906030	Granted	12/11/2019	Germany	8.75	YES	ALLOY STEEL	2019	500.0
37580	ASWPengg	7227906030	Granted	8/11/2019	Germany	9.25	YES	ALLOY STEEL	2019	200.0
37917	Cold Heading Company	7227906010	Granted	12/11/2019	Canada	16	YES	ALLOY STEEL	2019	6,429.3
37950	Cold Heading Company	7227906010	Granted	12/11/2019	Canada	13	YES	ALLOY STEEL	2019	364.2
37994	Cold Heading Company	7227906010	Granted	12/11/2019	Canada	16	YES	ALLOY STEEL	2019	4,208.4
38003	ASWPengg	7227906030	Granted	12/11/2019	Japan	5.25	YES	ALLOY STEEL	2019	200.0
38010	ASWPengg	7227906030	Granted	12/11/2019	Japan	6.25	YES	ALLOY STEEL	2019	1,500.0
38012	ASWPengg	7227906030	Granted	12/11/2019	Japan	7.75	YES	ALLOY STEEL	2019	700.0
38018	ASWPengg	7227906030	Granted	12/11/2019	Japan	8.75	YES	ALLOY STEEL	2019	200.0
38020	ASWPengg	7227906030	Granted	12/11/2019	Japan	9.25	YES	ALLOY STEEL	2019	200.0
38129	Cold Heading Company	7227906035	Granted	12/11/2019	Canada	14	YES	ALLOY STEEL	2019	53.9
38219	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	12/11/2019	Japan	6.6	YES	MICRO ALLOY	2019	324.0
38222	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	12/11/2019	Japan	8.6	YES	ALLOY STEEL	2019	324.0
38224	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	12/11/2019	Japan	10.6	YES	ALLOY STEEL	2019	324.0
38227	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	12/11/2019	Japan	11.1	YES	ALLOY STEEL	2019	324.0
38233	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	12/11/2019	Japan	5.6	YES	ALLOY STEEL	2019	648.0
38234	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	12/11/2019	Japan	5.9	YES	ALLOY STEEL	2019	648.0
38235	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	12/11/2019	Japan	6.1	YES	ALLOY STEEL	2019	360.0
38239	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	12/11/2019	Japan	6.6	YES	ALLOY STEEL	2019	648.0
38243	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	12/11/2019	Japan	7.1	YES	ALLOY STEEL	2019	360.0
38247	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	12/11/2019	Japan	7.6	YES	ALLOY STEEL	2019	648.0
38249	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	12/11/2019	Japan	8.1	YES	ALLOY STEEL	2019	360.0
38252	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	12/11/2019	Japan	8.6	YES	ALLOY STEEL	2019	360.0
38253	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	12/11/2019	Japan	9.1	YES	ALLOY STEEL	2019	648.0
38257	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	12/11/2019	Japan	9.6	YES	ALLOY STEEL	2019	360.0
38259	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	12/11/2019	Japan	10.1	YES	ALLOY STEEL	2019	648.0
38265	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	12/11/2019	Japan	10.6	YES	ALLOY STEEL	2019	360.0
38268	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	12/11/2019	Japan	11.6	YES	ALLOY STEEL	2019	360.0

38270	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	12/11/2019	Japan	12.6	YES	ALLOY STEEL	2019	360.0
38275	Nippon Steel Cold Heading Wire Indiana Inc.	7227906035	Granted	12/11/2019	Japan	14	YES	ALLOY STEEL	2019	360.0
38667	Nippon Steel Cold Heading Wire Indiana Inc.	7227906040	Granted	12/11/2019	Japan	24.8	NO	ALLOY STEEL	2019	684.0
38671	Nippon Steel Cold Heading Wire Indiana Inc.	7227906040	Granted	11/22/2019	Japan	27.1	NO	ALLOY STEEL	2019	576.0
38673	Nippon Steel Cold Heading Wire Indiana Inc.	7227906040	Granted	12/11/2019	Japan	31.8	NO	ALLOY STEEL	2019	612.0
38728	Toyota Tsusho America, Inc.	7227901030	Granted	11/22/2019	Japan	9.35	NO	BALL BEARING STEEL	2019	300.0
38738	Toyota Tsusho America, Inc.	7227901060	Granted	11/13/2019	Japan	9.35	NO	BALL BEARING STEEL	2019	300.0
38768	Toyota Tsusho America, Inc.	7227901030	Granted	11/13/2019	Japan	9.85	NO	BALL BEARING STEEL	2019	440.0
38825	Toyota Tsusho America, Inc.	7227901060	Granted	11/14/2019	Japan	9.85	NO	BALL BEARING STEEL	2019	440.0
39428	Federal Screw Works	7227902030	Granted	11/15/2019	Austria	24	NO	BALL BEARING STEEL	2019	413.9
39478	Federal Screw Works	7227902030	Granted	11/18/2019	Austria	22	NO	BALL BEARING STEEL	2019	53.4
39557	Stanley Black & Decker	7227100000	Granted	11/15/2019	Sweden	10	NO	TOOL STEEL	2019	1.0
39651	Nippon Steel Cold Heading Wire Indiana Inc.	7227906040	Granted	11/15/2019	Japan	27.1	NO	ALLOY STEEL	2019	576.0
39653	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	11/15/2019	Japan	13.25	YES	ALLOY STEEL	2019	2,160.0
39654	Nippon Steel Cold Heading Wire Indiana Inc.	7227906035	Granted	11/15/2019	Japan	15.25	YES	ALLOY STEEL	2019	180.0
39690	Blue Ridge Metals Corp.	7227906030	Granted	11/18/2019	Japan	7.8	YES	ALLOY STEEL	2019	48.0
39704	Blue Ridge Metals Corp.	7227906035	Granted	11/18/2019	Japan	17.6	YES	ALLOY STEEL	2019	76.0
39853	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	11/18/2019	Japan	7.1	YES	ALLOY STEEL	2019	324.0
39855	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	11/18/2019	Japan	13.1	YES	ALLOY STEEL	2019	324.0
39857	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	11/19/2019	Japan	6.6	YES	MICROALLOY CHQ (MEXICO CAN MAK	2019	144.0
39858	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	11/19/2019	Japan	8.1	YES	ALLOY STEEL	2019	180.0
39859	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	11/19/2019	Japan	9.6	YES	ALLOY STEEL	2019	180.0
39866	Nippon Steel Cold Heading Wire Indiana Inc.	7227906040	Granted	11/19/2019	Japan	34.6	NO	ALLOY STEEL	2019	324.0
39877	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	11/19/2019	Japan	11.8	YES	ALLOY STEEL	2019	36.0
39880	Nippon Steel Cold Heading Wire Indiana Inc.	7227906035	Granted	11/19/2019	Japan	14.3	YES	ALLOY STEEL	2019	252.0
40142	Suzuki Garphyttan Corporation	7227906030	Granted	11/19/2019	Japan	6.8	YES	ALLOY STEEL	2019	200.0
40874	NN Inc. Mobile Solutions (Autocam Precision Co	7227906030	Granted	11/25/2019	Netherlan	6	NO	BALL BEARING STEEL	2019	63.0
41368	NSK Corporation	7227902030	Granted	11/25/2019	Japan	7.8	NO	BALL BEARING STEEL	2019	300.0
41377	NSK Corporation	7227901030	Granted	11/25/2019	Japan	12.1	NO	BALL BEARING STEEL	2019	25.0
41468	NSK Corporation	7227901030	Granted	11/25/2019	Japan	9.9	NO	BALL BEARING STEEL	2019	750.0
41632	Blue Ridge Metals Corp.	7227906040	Granted	11/27/2019	Japan	21.6	NO	ALLOY STEEL	2019	1,726.3
41769	NSK Corporation	7227901030	Granted	11/26/2019	Japan	7.3	NO	BALL BEARING STEEL	2019	170.0
41873	Federal Screw Works	7227902030	Granted	11/26/2019	Austria	26	NO	BALL BEARING STEEL	2019	781.1
41874	Cold Heading Comapny	7227906010	Granted	11/25/2019	Canada	18	YES	ALLOY STEEL	2019	87.3
43996	Cold Heading Company	7227906010	Granted	10/12/2019	Canada	20	NO	ALLOY STEEL	2019	159.7
44083	Cold Heading Company	7227906010	Granted	10/12/2019	Cameroon	20	NO	ALLOY STEEL	2019	337.9
44112	Cold Heading Company	7227906010	Granted	9/12/2019	Canada	23	NO	ALLOY STEEL	2019	1,169.4
44183	voestalpine High Performance Metals Corp.	7227901060	Granted	9/12/2019	Brazil	8.23	NO	TOOL STEEL	2019	8.0

44184	voestalpine High Performance Metals Corp.	7227901060	Granted	9/12/2019	Brazil	9.82	NO	TOOL STEEL	2019	9.6
44185	voestalpine High Performance Metals Corp.	7227901060	Granted	10/12/2019	Brazil	11.4	NO	TOOL STEEL	2019	10.2
44186	voestalpine High Performance Metals Corp.	7227901060	Granted	9/12/2019	Brazil	13	NO	TOOL STEEL	2019	14.4
44187	voestalpine High Performance Metals Corp.	7227901060	Granted	11/12/2019	Brazil	9.82	NO	TOOL STEEL	2019	2.9
44200	voestalpine High Performance Metals Corp.	7227901060	Granted	10/12/2019	Brazil	11.39	NO	TOOL STEEL	2019	1.5
44738	Cold Heading Company	7227906010	Granted	12/13/2019	Canada	13	YES	ALLOY STEEL	2019	18.1
44853	Cold Heading Company	7227906010	Granted	9/12/2019	Canada	14	YES	ALLOY STEEL	2019	1,322.7
44893	Cold Heading Company	7227906010	Granted	10/12/2019	Canada	15	YES	ALLOY STEEL	2019	139.7
45106	Cold Heading Company	7227906010	Granted	10/12/2019	Canada	16	YES	ALLOY STEEL	2019	1,055.8
45155	Cold Heading Company	7227906010	Granted	10/12/2019	Canada	16	YES	ALLOY STEEL	2019	414.1
45181	Cold Heading Company	7227906010	Granted	10/12/2019	Cameroon	14	YES	ALLOY STEEL	2019	6,351.7
45371	voestalpine High Performance Metals Corp.	7227901060	Granted	12/12/2019	Brazil	8.23	NO	TOOL STEEL	2019	3.2
45597	voestalpine High Performance Metals Corp.	7227901060	Granted	11/12/2019	Brazil	12.2	NO	TOOL STEEL	2019	3.2
45749	voestalpine High Performance Metals Corp.	7227100000	Granted	11/12/2019	Brazil	10.6	NO	TOOL STEEL	2019	5.4
45808	voestalpine High Performance Metals Corp.	7227901060	Granted	11/12/2019	Brazil	7	NO	TOOL STEEL	2019	9.6
45843	voestalpine High Performance Metals Corp.	7227901060	Granted	11/12/2019	Brazil	4.5	NO	TOOL STEEL	2019	5.1
45845	voestalpine High Performance Metals Corp.	7227901060	Granted	11/12/2019	Brazil	5.01	NO	TOOL STEEL	2019	2.4
45851	voestalpine High Performance Metals Corp.	7227901060	Granted	12/13/2019	Brazil	5.19	NO	TOOL STEEL	2019	2.1
45854	voestalpine High Performance Metals Corp.	7227901060	Granted	12/13/2019	Brazil	5.7	NO	TOOL STEEL	2019	1.8
45855	voestalpine High Performance Metals Corp.	7227901060	Granted	12/13/2019	Brazil	6	NO	TOOL STEEL	2019	0.9
45857	voestalpine High Performance Metals Corp.	7227901060	Granted	12/13/2019	Brazil	6.21	NO	TOOL STEEL	2019	0.6
45860	voestalpine High Performance Metals Corp.	7227901060	Granted	12/13/2019	Brazil	6.51	NO	TOOL STEEL	2019	48.0
45865	voestalpine High Performance Metals Corp.	7227901060	Granted	12/13/2019	Brazil	6.69	NO	TOOL STEEL	2019	1.5
45866	voestalpine High Performance Metals Corp.	7227100000	Granted	12/13/2019	Austria	7	NO	TOOL STEEL	2019	50.0
45866	voestalpine High Performance Metals Corp.	7227100000	Granted	12/13/2019	Austria	7	NO	TOOL STEEL	2019	50.0
45870	voestalpine High Performance Metals Corp.	7227901060	Granted	12/13/2019	Brazil	6.99	NO	TOOL STEEL	2019	0.6
45871	voestalpine High Performance Metals Corp.	7227100000	Granted	12/13/2019	Austria	6.75	NO	TOOL STEEL	2019	50.0
45871	voestalpine High Performance Metals Corp.	7227100000	Granted	12/13/2019	Austria	6.75	NO	TOOL STEEL	2019	50.0
45873	voestalpine High Performance Metals Corp.	7227901060	Granted	12/13/2019	Brazil	7.5	NO	TOOL STEEL	2019	2.7
45874	voestalpine High Performance Metals Corp.	7227901060	Granted	12/13/2019	Brazil	7.96	NO	TOOL STEEL	2019	5.7
45880	voestalpine High Performance Metals Corp.	7227901060	Granted	12/13/2019	Brazil	8.23	NO	TOOL STEEL	2019	0.9
45881	voestalpine High Performance Metals Corp.	7227901060	Granted	12/13/2019	Brazil	8.34	NO	TOOL STEEL	2019	2.4
45882	voestalpine High Performance Metals Corp.	7227901060	Granted	12/13/2019	Brazil	8.85	NO	TOOL STEEL	2019	4.2
45885	voestalpine High Performance Metals Corp.	7227901060	Granted	12/13/2019	Brazil	9.03	NO	TOOL STEEL	2019	1.2
45886	voestalpine High Performance Metals Corp.	7227901060	Granted	12/13/2019	Brazil	9.2	NO	TOOL STEEL	2019	2.4
45888	voestalpine High Performance Metals Corp.	7227901060	Granted	12/13/2019	Brazil	9.66	NO	TOOL STEEL	2019	33.9
45889	voestalpine High Performance Metals Corp.	7227901060	Granted	12/13/2019	Brazil	10.19	NO	TOOL STEEL	2019	3.6
45891	voestalpine High Performance Metals Corp.	7227901060	Granted	12/13/2019	Brazil	10.6	NO	TOOL STEEL	2019	4.8

45893	voestalpine High Performance Metals Corp.	7227901060	Granted	12/13/2019	Brazil	11.41	NO	TOOL STEEL	2019	9.3
45894	voestalpine High Performance Metals Corp.	7227901060	Granted	12/13/2019	Brazil	12.2	NO	TOOL STEEL	2019	7.2
45895	voestalpine High Performance Metals Corp.	7227901060	Granted	12/13/2019	Brazil	12.81	NO	TOOL STEEL	2019	1.8
45896	voestalpine High Performance Metals Corp.	7227901060	Granted	12/13/2019	Brazil	12.99	NO	TOOL STEEL	2019	17.1
45903	voestalpine High Performance Metals Corp.	7227901060	Granted	12/13/2019	Brazil	12.99	NO	TOOL STEEL	2019	2.9
46126	voestalpine High Performance Metals Corp.	7227901060	Granted	12/13/2019	Brazil	7.95	NO	TOOL STEEL	2019	1.6
46133	voestalpine High Performance Metals Corp.	7227100000	Granted	12/13/2019	Brazil	10.19	NO	TOOL STEEL	2019	5.4
46135	voestalpine High Performance Metals Corp.	7227100000	Granted	12/13/2019	Brazil	12.2	NO	TOOL STEEL	2019	1.8
46183	voestalpine High Performance Metals Corp.	7227100000	Granted	12/13/2019	Brazil	6.99	NO	TOOL STEEL	2019	0.3
46361	voestalpine High Performance Metals Corp.	7227901060	Granted	12/13/2019	Brazil	8.24	NO	TOOL STEEL	2019	1.2
46362	voestalpine High Performance Metals Corp.	7227901060	Granted	12/13/2019	Brazil	5.01	NO	TOOL STEEL	2019	4.8
46364	voestalpine High Performance Metals Corp.	7227901060	Granted	12/13/2019	Brazil	6.99	NO	TOOL STEEL	2019	3.2
46365	voestalpine High Performance Metals Corp.	7227901060	Granted	12/13/2019	Brazil	5.01	NO	TOOL STEEL	2019	9.6
46367	voestalpine High Performance Metals Corp.	7227901060	Granted	12/13/2019	Brazil	7	NO	TOOL STEEL	2019	3.2
46371	voestalpine High Performance Metals Corp.	7227901060	Granted	12/13/2019	Brazil	8.34	NO	TOOL STEEL	2019	3.2
46372	voestalpine High Performance Metals Corp.	7227901060	Granted	12/13/2019	Brazil	5	NO	TOOL STEEL	2019	9.6
46374	voestalpine High Performance Metals Corp.	7227901060	Granted	12/13/2019	Brazil	6.99	NO	TOOL STEEL	2019	3.2
46377	voestalpine High Performance Metals Corp.	7227901060	Granted	12/13/2019	Brazil	8.35	NO	TOOL STEEL	2019	3.2
46531	voestalpine High Performance Metals Corp.	7227901060	Granted	12/13/2019	Brazil	7	NO	TOOL STEEL	2019	3.2
46580	voestalpine High Performance Metals Corp.	7227100000	Granted	12/16/2019	Brazil	4.5	NO	TOOL STEEL	2019	6.9
46585	voestalpine High Performance Metals Corp.	7227100000	Granted	12/16/2019	Brazil	5.01	NO	TOOL STEEL	2019	8.7
46589	voestalpine High Performance Metals Corp.	7227100000	Granted	12/16/2019	Brazil	5.7	NO	TOOL STEEL	2019	3.3
46591	voestalpine High Performance Metals Corp.	7227100000	Granted	12/16/2019	Brazil	6	NO	TOOL STEEL	2019	0.6
46593	voestalpine High Performance Metals Corp.	7227100000	Granted	12/16/2019	Brazil	6.69	NO	TOOL STEEL	2019	12.3
46595	voestalpine High Performance Metals Corp.	7227100000	Granted	12/16/2019	Brazil	7.5	NO	TOOL STEEL	2019	10.5
46599	voestalpine High Performance Metals Corp.	7227100000	Granted	12/16/2019	Brazil	7.96	NO	TOOL STEEL	2019	1.8
46603	voestalpine High Performance Metals Corp.	7227100000	Granted	12/16/2019	Brazil	11.41	NO	TOOL STEEL	2019	12.0
46835	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	12/20/2019	Japan	8.35	NO	BALL BEARING STEEL	2019	94.1
46864	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	12/19/2019	Japan	8.15	NO	BALL BEARING STEEL	2019	169.9
46867	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	12/18/2019	Japan	8.15	NO	BALL BEARING STEEL	2019	141.5
46879	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	12/20/2019	Japan	5.35	NO	BALL BEARING STEEL	2019	1,125.3
46898	Erasteel Inc	7227100000	Granted	12/19/2019	Sweden	5.9	NO	TOOL STEEL	2019	32.0
46899	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	12/20/2019	Japan	7.35	NO	BALL BEARING STEEL	2019	90.4
46909	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	12/19/2019	Japan	8.85	NO	BALL BEARING STEEL	2019	1,754.4
46914	Erasteel Inc	7227100000	Granted	12/20/2019	Sweden	13.85	NO	TOOL STEEL	2019	8.3
46920	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	12/19/2019	Japan	9.35	NO	BALL BEARING STEEL	2019	1,503.8
46932	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	12/20/2019	Japan	9.8	NO	BALL BEARING STEEL	2019	636.0
46942	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	12/19/2019	Japan	10.8	NO	BALL BEARING STEEL	2019	1,230.1

46948	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	12/23/2019	Japan	11.3	NO	BALL BEARING STEEL	2019	273.6
46967	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	12/20/2019	Japan	12.3	NO	BALL BEARING STEEL	2019	1,463.1
46984	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	12/23/2019	Japan	13.8	NO	BALL BEARING STEEL	2019	1,246.4
46999	Blue Ridge Metals Corp.	7227906035	Granted	12/18/2019	Japan	15.1	YES	ALLOY STEEL	2019	1,250.0
47001	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	12/18/2019	Japan	14.8	NO	BALL BEARING STEEL	2019	439.7
47019	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	12/19/2019	Japan	15.3	NO	BALL BEARING STEEL	2019	933.1
47034	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	12/18/2019	Japan	15.8	NO	BALL BEARING STEEL	2019	148.6
47045	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	12/18/2019	Japan	16.3	NO	BALL BEARING STEEL	2019	376.6
47058	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	12/27/2019	Japan	17.8	NO	BALL BEARING STEEL	2019	247.5
47074	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	12/19/2019	Japan	18.8	NO	BALL BEARING STEEL	2019	136.1
47092	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	12/19/2019	Japan	19.8	NO	BALL BEARING STEEL	2019	130.8
47102	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	12/23/2019	Japan	20.8	NO	BALL BEARING STEEL	2019	261.4
47118	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	12/19/2019	Japan	22.25	NO	BALL BEARING STEEL	2019	143.2
47122	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	12/18/2019	Japan	24.25	NO	BALL BEARING STEEL	2019	142.6
47123	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	12/20/2019	Japan	5.35	NO	BALL BEARING STEEL	2019	667.5
47124	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	12/23/2019	Japan	5.85	NO	BALL BEARING STEEL	2019	184.2
47125	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	12/19/2019	Japan	6.35	NO	BALL BEARING STEEL	2019	173.5
47126	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	12/20/2019	Japan	6.85	NO	BALL BEARING STEEL	2019	359.8
47131	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	12/18/2019	Japan	7.85	NO	BALL BEARING STEEL	2019	408.9
47138	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	12/23/2019	Japan	8.85	NO	BALL BEARING STEEL	2019	1,169.6
47151	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	12/19/2019	Japan	9.35	NO	BALL BEARING STEEL	2019	1,503.8
47154	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	12/20/2019	Japan	9.8	NO	BALL BEARING STEEL	2019	179.6
47155	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	12/18/2019	Japan	10.8	NO	BALL BEARING STEEL	2019	239.5
47156	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902030	Granted	12/20/2019	Japan	11.3	NO	BALL BEARING STEEL	2019	119.7
47210	voestalpine High Performance Metals Corp.	7227901060	Granted	12/18/2019	Brazil	7.95	NO	TOOL STEEL	2019	1.6
47215	voestalpine High Performance Metals Corp.	7227901060	Granted	12/23/2019	Brazil	5.6	NO	TOOL STEEL	2019	1.6
47216	voestalpine High Performance Metals Corp.	7227901060	Granted	12/20/2019	Brazil	5.6	NO	TOOL STEEL	2019	6.4
47223	voestalpine High Performance Metals Corp.	7227901060	Granted	12/23/2019	Brazil	5.6	NO	TOOL STEEL	2019	2.1
47364	voestalpine High Performance Metals Corp.	7227901060	Granted	12/19/2019	Brazil	10.2	NO	TOOL STEEL	2019	3.2
47370	voestalpine High Performance Metals Corp.	7227901060	Granted	12/20/2019	Brazil	12.2	NO	TOOL STEEL	2019	4.8
47377	voestalpine High Performance Metals Corp.	7227901060	Granted	2/1/2020	Brazil	10.2	NO	TOOL STEEL	2020	1.6
47466	voestalpine High Performance Metals Corp.	7227901060	Granted	12/20/2019	Brazil	6.5	NO	TOOL STEEL	2019	3.2
47511	voestalpine High Performance Metals Corp.	7227901060	Granted	12/20/2019	Brazil	6.5	NO	TOOL STEEL	2019	4.8
47514	voestalpine High Performance Metals Corp.	7227901060	Granted	12/20/2019	Brazil	7.5	NO	TOOL STEEL	2019	4.8
47517	voestalpine High Performance Metals Corp.	7227901060	Granted	12/20/2019	Brazil	10.61	NO	TOOL STEEL	2019	4.8
47521	voestalpine High Performance Metals Corp.	7227901060	Granted	12/20/2019	Brazil	12.2	NO	TOOL STEEL	2019	6.4
47523	voestalpine High Performance Metals Corp.	7227901060	Granted	12/23/2019	Brazil	6.5	NO	TOOL STEEL	2019	3.2
47525	voestalpine High Performance Metals Corp.	7227901060	Granted	12/20/2019	Brazil	9.65	NO	TOOL STEEL	2019	3.2

47528	voestalpine High Performance Metals Corp.	7227901060	Granted	12/20/2019	Brazil	13	NO	TOOL STEEL	2019	7.3
47530	voestalpine High Performance Metals Corp.	7227901060	Granted	12/20/2019	Brazil	4.5	NO	TOOL STEEL	2019	3.2
47551	voestalpine High Performance Metals Corp.	7227901060	Granted	12/19/2019	Brazil	6.5	NO	TOOL STEEL	2019	9.6
47554	voestalpine High Performance Metals Corp.	7227901060	Granted	12/20/2019	Brazil	11.4	NO	TOOL STEEL	2019	3.2
47562	voestalpine High Performance Metals Corp.	7227901060	Granted	12/19/2019	Brazil	13	NO	TOOL STEEL	2019	9.6
47957	voestalpine High Performance Metals Corp.	7227901060	Granted	12/23/2019	Brazil	5.7	NO	TOOL STEEL	2019	3.2
47963	voestalpine High Performance Metals Corp.	7227901060	Granted	12/23/2019	Brazil	5.7	NO	TOOL STEEL	2019	3.2
47968	voestalpine High Performance Metals Corp.	7227901060	Granted	12/23/2019	Brazil	6.7	NO	TOOL STEEL	2019	1.6
48986	voestalpine High Performance Metals Corp.	7227901060	Granted	3/1/2020	Brazil	8.34	NO	TOOL STEEL	2020	6.4
49326	voestalpine High Performance Metals Corp.	7227901060	Granted	3/1/2020	Brazil	9.82	NO	TOOL STEEL	2020	1.6
49612	voestalpine High Performance Metals Corp.	7227901060	Granted	6/1/2020	Brazil	11.4	NO	TOOL STEEL	2020	2.9
49850	OKAYA(U.S.A.), INC.	7227901030	Granted	3/1/2020	Japan	8.15	NO	BALL BEARING STEEL	2020	950.0
49867	OKAYA(U.S.A.), INC.	7227901030	Granted	3/1/2020	Japan	9.35	NO	BALL BEARING STEEL	2020	720.0
49888	OKAYA(U.S.A.), INC.	7227901030	Granted	3/1/2020	Japan	9.85	NO	BALL BEARING STEEL	2020	600.0
49950	voestalpine High Performance Metals Corp.	7227901060	Granted	7/1/2020	Brazil	12.2	NO	TOOL STEEL	2020	3.2
49987	voestalpine High Performance Metals Corp.	7227901060	Granted	3/1/2020	Brazil	13	NO	TOOL STEEL	2020	11.2
50007	voestalpine High Performance Metals Corp.	7227100000	Granted	7/1/2020	Brazil	9.81	NO	TOOL STEEL	2020	16.8
50015	voestalpine High Performance Metals Corp.	7227100000	Granted	3/1/2020	Brazil	12.99	NO	TOOL STEEL	2020	0.5
50057	voestalpine High Performance Metals Corp.	7227100000	Granted	3/1/2020	Brazil	6.51	NO	TOOL STEEL	2020	13.5
50058	voestalpine High Performance Metals Corp.	7227100000	Granted	7/1/2020	Brazil	9.66	NO	TOOL STEEL	2020	13.2
50059	voestalpine High Performance Metals Corp.	7227100000	Granted	3/1/2020	Brazil	13.01	NO	TOOL STEEL	2020	40.8
50082	voestalpine High Performance Metals Corp.	7227100000	Granted	7/1/2020	Brazil	8.24	NO	TOOL STEEL	2020	19.2
50203	O&k American Corp.	7227906030	Granted	3/1/2020	Japan	5.2	YES	ALLOY STEEL	2020	6,153.6
50206	O&k American Corp.	7227906030	Granted	3/1/2020	Japan	5.2	YES	ALLOY STEEL	2020	6,153.6
50555	Neturen America corporation	7227906030	Granted	9/1/2020	Germany	9.5		ALLOY STEEL	2020	120.0
50589	Neturen America corporation	7227906030	Granted	8/1/2020	Germany	13		ALLOY STEEL	2020	300.0
50840	Blue Ridge Metals Corp.	7227906030	Granted	9/1/2020	Japan	12.3	YES	ALLOY STEEL	2020	200.0
50921	Blue Ridge Metals Corp.	7227906030	Granted	9/1/2020	Jordan	10.2	YES	ALLOY STEEL	2020	480.0
50974	POSCO AAPC LLC	7227902030	Granted	9/1/2020	South Korea	4.5	NO	BALL BEARING STEEL	2020	526.0
50981	POSCO AAPC LLC	7227902030	Granted	8/1/2020	South Korea	5	NO	BALL BEARING STEEL	2020	75.0
51300	Koyo Bearings North America	7227902030	Granted	9/1/2020	Japan	8.85	NO	BALL BEARING STEEL	2020	228.7
51583	Koyo Bearings North America	7227902030	Granted	10/1/2020	Japan	10.95	NO	BALL BEARING STEEL	2020	198.3
51584	Koyo Bearings North America	7227902030	Granted	10/1/2020	Japan	12.85	NO	BALL BEARING STEEL	2020	10.8
51586	Koyo Bearings North America	7227902030	Granted	10/1/2020	Japan	13.85	NO	BALL BEARING STEEL	2020	609.6
51587	Koyo Bearings North America	7227902030	Granted	1/15/2020	Japan	14.15	NO	BALL BEARING STEEL	2020	609.6
51588	Koyo Bearings North America	7227901030	Granted	10/1/2020	Japan	5.35	NO	BALL BEARING STEEL	2020	2,059.2
51592	Koyo Bearings North America	7227902030	Granted	1/13/2020	Japan	5.85	NO	BALL BEARING STEEL	2020	299.5
51595	Koyo Bearings North America	7227902030	Granted	1/13/2020	Japan	6.85	NO	BALL BEARING STEEL	2020	620.7

51596	Koyo Bearings North America	7227902030	Granted	10/1/2020	Japan	8.85	NO	BALL BEARING STEEL	2020	228.7
51598	Koyo Bearings North America	7227902030	Granted	10/1/2020	Japan	9.85	NO	BALL BEARING STEEL	2020	35.9
51599	Koyo Bearings North America	7227902030	Granted	1/13/2020	Japan	10.85	NO	BALL BEARING STEEL	2020	168.8
51600	Koyo Bearings North America	7227902030	Granted	10/1/2020	Japan	11.85	NO	BALL BEARING STEEL	2020	36.7
51601	Koyo Bearings North America	7227902030	Granted	1/13/2020	Japan	12.35	NO	BALL BEARING STEEL	2020	227.6
51602	Koyo Bearings North America	7227902030	Granted	1/13/2020	Japan	14.15	NO	BALL BEARING STEEL	2020	59.9
51603	Koyo Bearings North America	7227902030	Granted	10/1/2020	Japan	17.35	NO	BALL BEARING STEEL	2020	119.8
51604	Koyo Bearings North America	7227902030	Granted	10/1/2020	Japan	18.85	NO	BALL BEARING STEEL	2020	19.6
51605	Koyo Bearings North America	7227902030	Granted	1/13/2020	Japan	7.85	NO	BALL BEARING STEEL	2020	127.9
52012	Neturen America corporation	7227906030	Granted	1/16/2020	Germany	11		ALLOY STEEL	2020	120.0
52014	Sullivan Steel Service, A Division of General Sul	7227902060	Granted	1/16/2020	Netherlan	11.8	NO	BALL BEARING STEEL	2020	20.0
52020	Blue Ridge Metals Corp.	7227906030	Granted	1/17/2020	Japan	10.3	YES	ALLOY STEEL	2020	480.0
52928	Neturen America corporation	7227906030	Granted	1/21/2020	Germany	12		ALLOY STEEL	2020	320.0
53626	O&k American Corp.	7227906030	Granted	1/22/2020	Japan	5.2	YES	ALLOY STEEL	2020	6,153.6
53628	O&k American Corp.	7227906030	Granted	1/22/2020	Japan	10.4	YES	ALLOY STEEL	2020	3,114.6
53634	O&k American Corp.	7227906030	Granted	1/23/2020	Japan	10.4	YES	ALLOY STEEL	2020	3,114.6
53639	O&k American Corp.	7227906030	Granted	1/22/2020	Japan	11.2	YES	ALLOY STEEL	2020	5,307.6
53647	O&k American Corp.	7227906030	Granted	1/22/2020	Japan	11.2	YES	ALLOY STEEL	2020	5,307.6
53651	O&k American Corp.	7227906030	Granted	1/23/2020	Japan	12	YES	ALLOY STEEL	2020	2,319.5
53655	O&k American Corp.	7227906030	Granted	1/22/2020	Japan	12	YES	ALLOY STEEL	2020	2,319.5
53658	O&k American Corp.	7227906030	Granted	1/22/2020	Japan	5.2	YES	ALLOY STEEL	2020	893.8
53659	O&k American Corp.	7227906030	Granted	1/22/2020	Japan	5.2	YES	ALLOY STEEL	2020	893.8
54770	Neturen America corporation	7227906035	Granted	1/24/2020	Japan	15.6	YES	ALLOY STEEL	2020	100.0
55786	Erasteel Inc	7227100000	Granted	1/28/2020	Sweden	5.85	NO	TOOL STEEL	2020	300.2
55786	Erasteel Inc	7227100000	Granted	1/28/2020	Sweden	5.85	NO	TOOL STEEL	2020	300.2
55786	Erasteel Inc	7227100000	Granted	1/28/2020	France	5.85	NO	TOOL STEEL	2020	300.2
55786	Erasteel Inc	7227100000	Granted	1/28/2020	France	5.85	NO	TOOL STEEL	2020	300.2
55786	Erasteel Inc	7227100000	Granted	1/28/2020	France	5.85	NO	TOOL STEEL	2020	300.2
55819	Erasteel Inc	7227902060	Granted	1/29/2020	Sweden	5.85	YES	ALLOY STEEL	2020	364.8
55833	Suzuki Garphyttan Corporation	7227906030	Granted	1/28/2020	Germany	6.3	YES	ALLOY STEEL	2020	500.0
55848	Suzuki Garphyttan Corporation	7227906030	Granted	1/28/2020	Germany	7.8	YES	ALLOY STEEL	2020	250.0
56284	Suzuki Garphyttan Corporation	7227906030	Granted	4/2/2020	Germany	9.3	YES	ALLOY STEEL	2020	2,000.0
56295	Suzuki Garphyttan Corporation	7227906030	Granted	3/2/2020	Germany	6.3	YES	ALLOY STEEL	2020	500.0
56309	Suzuki Garphyttan Corporation	7227906030	Granted	3/2/2020	Germany	7.8	YES	ALLOY STEEL	2020	1,000.0
56747	METAL ONE AMERICA, INC	7227906035	Granted	3/2/2020	Japan	16.05	YES	ALLOY STEEL	2020	450.0
56872	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	4/2/2020	Japan	7.1	YES	ALLOY STEEL	2020	414.0
56874	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	3/2/2020	Japan	7.1	YES	ALLOY STEEL	2020	414.0
56875	Nippon Steel Cold Heading Wire Indiana Inc.	7227906030	Granted	4/2/2020	Japan	8.1	YES	ALLOY STEEL	2020	306.0

56877	Nippon Steel Cold Heading Wire Indiana Inc.	7227906035	Granted	3/2/2020	Japan	16.6	YES	ALLOY STEEL	2020	450.0
56879	Nippon Steel Cold Heading Wire Indiana Inc.	7227906040	Granted	3/2/2020	Japan	19.6	NO	ALLOY STEEL	2020	468.0
56880	Nippon Steel Cold Heading Wire Indiana Inc.	7227906040	Granted	3/2/2020	Japan	26.6	NO	ALLOY STEEL	2020	180.0
57614	TN Americas Holding, Inc. (TN Tennessee, LLC	7227902060	Granted	7/2/2020	Japan	9.15	NO	BALL BEARING STEEL	2020	1,400.0
58350	Metal One America, Inc.	7227906010	Granted	10/2/2020	Japan	5.7	YES	ALLOY CHQ	2020	1,980.0
58351	Metal One America, Inc.	7227906010	Granted	7/2/2020	Japan	7	YES	ALLOY CHQ	2020	36.0
58353	Metal One America, Inc.	7227906010	Granted	7/2/2020	Japan	7.5	YES	ALLOY CHQ	2020	648.0
58354	Metal One America, Inc.	7227906010	Granted	10/2/2020	Japan	8	YES	ALLOY CHQ	2020	360.0
58356	Metal One America, Inc.	7227906010	Granted	7/2/2020	Japan	9.5	YES	ALLOY CHQ	2020	2,340.0
58357	Metal One America, Inc.	7227906010	Granted	7/2/2020	Japan	9.5	YES	ALLOY CHQ	2020	2,340.0
58358	Metal One America, Inc.	7227906010	Granted	7/2/2020	Japan	10.5	YES	ALLOY CHQ	2020	1,260.0
58931	Metal One America, Inc.	7227906035	Granted	10/2/2020	Japan	16	YES	ALLOY STEEL	2020	2,400.0
59378	Cold Heading Company	7227906010	Granted	10/2/2020	Canada	8	YES	MICROALLOY CHQ (MEXICO CAN MAK	2020	20.0
60264	NSK Corporation	7227902030	Granted	12/2/2020	Japan	8.9	NO	BALL BEARING STEEL	2020	400.0
60562	NSK Corporation	7227902030	Granted	12/2/2020	Japan	8.3	NO	BALL BEARING STEEL	2020	600.0
60602	NSK Corporation	7227902030	Granted	12/2/2020	Japan	9.5	NO	BALL BEARING STEEL	2020	300.0
60850	Metal One America, Inc.	7227906035	Granted	2/13/2020	Japan	16.05	YES	ALLOY STEEL	2020	1,800.0
61893	Metal One America, Inc.	7227906035	Granted	2/18/2020	Japan	16.45	YES	ALLOY STEEL	2020	1,800.0
63211	Suzuki Garphyttan Corporation	7227906030	Granted	2/25/2020	Japan	7.8	YES	ALLOY STEEL	2020	400.0
63819	Metal One America, Inc.	7227906035	Granted	2/21/2020	Japan	15	YES	ALLOY STEEL	2020	4,500.0
63842	Erasteel Inc	7227100000	Granted	2/21/2020	Sweden	6.35	NO	TOOL STEEL	2020	2.9
63842	Erasteel Inc	7227100000	Granted	2/21/2020	Sweden	6.35	NO	TOOL STEEL	2020	2.9
63842	Erasteel Inc	7227100000	Granted	2/21/2020	France	6.35	NO	TOOL STEEL	2020	2.9
63842	Erasteel Inc	7227100000	Granted	2/21/2020	France	6.35	NO	TOOL STEEL	2020	2.9
63842	Erasteel Inc	7227100000	Granted	2/21/2020	France	6.35	NO	TOOL STEEL	2020	2.9
63842	Erasteel Inc	7227100000	Granted	2/21/2020	France	6.35	NO	TOOL STEEL	2020	2.9
63845	Erasteel Inc	7227100000	Granted	2/27/2020	Sweden	13.35	NO	TOOL STEEL	2020	11.2
63845	Erasteel Inc	7227100000	Granted	2/27/2020	Sweden	13.35	NO	TOOL STEEL	2020	11.2
63845	Erasteel Inc	7227100000	Granted	2/27/2020	France	13.35	NO	TOOL STEEL	2020	11.2
63845	Erasteel Inc	7227100000	Granted	2/27/2020	France	13.35	NO	TOOL STEEL	2020	11.2
63845	Erasteel Inc	7227100000	Granted	2/27/2020	France	13.35	NO	TOOL STEEL	2020	11.2
63845	Erasteel Inc	7227100000	Granted	2/27/2020	France	13.35	NO	TOOL STEEL	2020	11.2
63848	Erasteel Inc	7227100000	Granted	2/21/2020	Sweden	11.35	NO	TOOL STEEL	2020	5.1
63848	Erasteel Inc	7227100000	Granted	2/21/2020	Sweden	11.35	NO	TOOL STEEL	2020	5.1
63848	Erasteel Inc	7227100000	Granted	2/21/2020	France	11.35	NO	TOOL STEEL	2020	5.1
63848	Erasteel Inc	7227100000	Granted	2/21/2020	France	11.35	NO	TOOL STEEL	2020	5.1
63848	Erasteel Inc	7227100000	Granted	2/21/2020	France	11.35	NO	TOOL STEEL	2020	5.1
63848	Erasteel Inc	7227100000	Granted	2/21/2020	France	11.35	NO	TOOL STEEL	2020	5.1

63851	Erasteel Inc	7227100000	Granted	2/24/2020	Sweden	11.85	NO	TOOL STEEL	2020	5.4
63851	Erasteel Inc	7227100000	Granted	2/24/2020	Sweden	11.85	NO	TOOL STEEL	2020	5.4
63851	Erasteel Inc	7227100000	Granted	2/24/2020	France	11.85	NO	TOOL STEEL	2020	5.4
63851	Erasteel Inc	7227100000	Granted	2/24/2020	France	11.85	NO	TOOL STEEL	2020	5.4
63851	Erasteel Inc	7227100000	Granted	2/24/2020	France	11.85	NO	TOOL STEEL	2020	5.4
63851	Erasteel Inc	7227100000	Granted	2/24/2020	France	11.85	NO	TOOL STEEL	2020	5.4
63854	Erasteel Inc	7227100000	Granted	2/21/2020	Sweden	12.85	NO	TOOL STEEL	2020	4.8
63854	Erasteel Inc	7227100000	Granted	2/21/2020	Sweden	12.85	NO	TOOL STEEL	2020	4.8
63854	Erasteel Inc	7227100000	Granted	2/21/2020	France	12.85	NO	TOOL STEEL	2020	4.8
63854	Erasteel Inc	7227100000	Granted	2/21/2020	France	12.85	NO	TOOL STEEL	2020	4.8
63854	Erasteel Inc	7227100000	Granted	2/21/2020	France	12.85	NO	TOOL STEEL	2020	4.8
63854	Erasteel Inc	7227100000	Granted	2/21/2020	France	12.85	NO	TOOL STEEL	2020	4.8
63855	Erasteel Inc	7227100000	Granted	2/21/2020	Sweden	13.35	NO	TOOL STEEL	2020	11.5
63855	Erasteel Inc	7227100000	Granted	2/21/2020	Sweden	13.35	NO	TOOL STEEL	2020	11.5
63855	Erasteel Inc	7227100000	Granted	2/21/2020	France	13.35	NO	TOOL STEEL	2020	11.5
63855	Erasteel Inc	7227100000	Granted	2/21/2020	France	13.35	NO	TOOL STEEL	2020	11.5
63855	Erasteel Inc	7227100000	Granted	2/21/2020	France	13.35	NO	TOOL STEEL	2020	11.5
63855	Erasteel Inc	7227100000	Granted	2/21/2020	France	13.35	NO	TOOL STEEL	2020	11.5
63856	Erasteel Inc	7227100000	Granted	2/21/2020	Sweden	20.15	NO	TOOL STEEL	2020	17.6
63856	Erasteel Inc	7227100000	Granted	2/21/2020	Sweden	20.15	NO	TOOL STEEL	2020	17.6
63856	Erasteel Inc	7227100000	Granted	2/21/2020	France	20.15	NO	TOOL STEEL	2020	17.6
63856	Erasteel Inc	7227100000	Granted	2/21/2020	France	20.15	NO	TOOL STEEL	2020	17.6
63856	Erasteel Inc	7227100000	Granted	2/21/2020	France	20.15	NO	TOOL STEEL	2020	17.6
63856	Erasteel Inc	7227100000	Granted	2/21/2020	France	20.15	NO	TOOL STEEL	2020	17.6
63858	Erasteel Inc	7227902060	Granted	2/21/2020	Sweden	5.35	NO	TOOL STEEL	2020	3.8
63858	Erasteel Inc	7227902060	Granted	2/21/2020	Sweden	5.35	NO	TOOL STEEL	2020	3.8
63858	Erasteel Inc	7227902060	Granted	2/21/2020	France	5.35	NO	TOOL STEEL	2020	3.8
63858	Erasteel Inc	7227902060	Granted	2/21/2020	France	5.35	NO	TOOL STEEL	2020	3.8
63858	Erasteel Inc	7227902060	Granted	2/21/2020	France	5.35	NO	TOOL STEEL	2020	3.8
63858	Erasteel Inc	7227902060	Granted	2/21/2020	France	5.35	NO	TOOL STEEL	2020	3.8
63860	Erasteel Inc	7227902060	Granted	2/21/2020	Sweden	6.35	NO	TOOL STEEL	2020	1.9
63860	Erasteel Inc	7227902060	Granted	2/21/2020	Sweden	6.35	NO	TOOL STEEL	2020	1.9
63860	Erasteel Inc	7227902060	Granted	2/21/2020	France	6.35	NO	TOOL STEEL	2020	1.9
63860	Erasteel Inc	7227902060	Granted	2/21/2020	France	6.35	NO	TOOL STEEL	2020	1.9
63860	Erasteel Inc	7227902060	Granted	2/21/2020	France	6.35	NO	TOOL STEEL	2020	1.9
63860	Erasteel Inc	7227902060	Granted	2/21/2020	France	6.35	NO	TOOL STEEL	2020	1.9
63863	Erasteel Inc	7227902060	Granted	2/24/2020	Sweden	6.85	NO	TOOL STEEL	2020	2.9
63863	Erasteel Inc	7227902060	Granted	2/24/2020	Sweden	6.85	NO	TOOL STEEL	2020	2.9

63863	Erasteel Inc	7227902060	Granted	2/24/2020	France	6.85	NO	TOOL STEEL	2020	2.9
63863	Erasteel Inc	7227902060	Granted	2/24/2020	France	6.85	NO	TOOL STEEL	2020	2.9
63863	Erasteel Inc	7227902060	Granted	2/24/2020	France	6.85	NO	TOOL STEEL	2020	2.9
63863	Erasteel Inc	7227902060	Granted	2/24/2020	France	6.85	NO	TOOL STEEL	2020	2.9
64182	Neturen America corporation	7227906035	Granted	2/25/2020	Japan	14	YES	ALLOY STEEL	2020	500.0
64352	Neturen America corporation	7227906030	Granted	4/3/2020	Japan	11.6	YES	ALLOY STEEL	2020	100.0
64378	Metal One America, Inc.	7227906035	Granted	6/3/2020	Japan	16.45	YES	ALLOY STEEL	2020	2,250.0
64381	Neturen America corporation	7227906030	Granted	4/3/2020	Japan	10.6	YES	ALLOY STEEL	2020	100.0
64403	Neturen America corporation	7227906030	Granted	4/3/2020	Japan	9.1	YES	ALLOY STEEL	2020	100.0
64499	WCJ - Pilgrim Wire, LLC (WCJ Pilgrim)	7227906030	Granted	4/3/2020	Germany	5.2	YES	ALLOY STEEL	2020	2,720.0
64689	Neturen America corporation	7227906030	Granted	4/3/2020	Japan	9.1	YES	ALLOY STEEL	2020	100.0
64704	Neturen America corporation	7227906030	Granted	4/3/2020	Japan	10.6	YES	ALLOY STEEL	2020	50.0
64732	Neturen America corporation	7227906030	Granted	4/3/2020	Japan	12.1	YES	ALLOY STEEL	2020	100.0
65065	Neturen America corporation	7227906035	Granted	4/3/2020	Japan	14	YES	ALLOY STEEL	2020	50.0
65071	Neturen America corporation	7227906035	Granted	5/3/2020	Japan	14.6	YES	ALLOY STEEL	2020	50.0
65078	Neturen America corporation	7227906035	Granted	4/3/2020	Japan	15.6	YES	ALLOY STEEL	2020	50.0
65087	Neturen America corporation	7227906035	Granted	4/3/2020	Japan	16.6	YES	ALLOY STEEL	2020	50.0
65113	COLD HEADING COMPANY	7227906010	Granted	5/3/2020	Canada	15	YES	ALLOY STEEL	2020	279.4
65249	O&k American Corp.	7227906030	Granted	4/3/2020	Japan	5.2	YES	ALLOY STEEL	2020	893.8
65265	O&k American Corp.	7227906030	Granted	4/3/2020	Japan	5.2	YES	ALLOY STEEL	2020	6,153.6
65271	O&k American Corp.	7227906030	Granted	5/3/2020	Japan	5.2	YES	ALLOY STEEL	2020	6,153.6
65283	O&k American Corp.	7227906030	Granted	5/3/2020	Japan	7.2	YES	ALLOY STEEL	2020	12,314.3
65286	O&k American Corp.	7227906030	Granted	5/3/2020	Japan	7.2	YES	ALLOY STEEL	2020	12,314.3
65289	O&k American Corp.	7227906030	Granted	4/3/2020	Japan	7.2	YES	ALLOY STEEL	2020	12,314.3
65292	O&k American Corp.	7227906030	Granted	4/3/2020	Japan	7.2	YES	ALLOY STEEL	2020	12,314.3
65295	O&k American Corp.	7227906030	Granted	5/3/2020	Japan	9.2	YES	ALLOY STEEL	2020	9,680.6
65298	O&k American Corp.	7227906030	Granted	5/3/2020	Japan	9.2	YES	ALLOY STEEL	2020	9,680.6
65299	O&k American Corp.	7227906030	Granted	5/3/2020	Japan	10.4	YES	ALLOY STEEL	2020	3,114.6
65301	O&k American Corp.	7227906030	Granted	5/3/2020	Japan	10.4	YES	ALLOY STEEL	2020	3,114.6
65302	O&k American Corp.	7227906030	Granted	4/3/2020	Japan	10.4	YES	ALLOY STEEL	2020	3,114.6
65303	O&k American Corp.	7227906030	Granted	4/3/2020	Japan	10.4	YES	ALLOY STEEL	2020	3,114.6
65337	O&k American Corp.	7227906030	Granted	5/3/2020	Japan	11.2	YES	ALLOY STEEL	2020	5,307.6
65339	O&k American Corp.	7227906030	Granted	5/3/2020	Japan	11.2	YES	ALLOY STEEL	2020	5,307.6
65350	O&k American Corp.	7227906030	Granted	5/3/2020	Japan	12	YES	ALLOY STEEL	2020	2,319.5
65351	O&k American Corp.	7227906030	Granted	5/3/2020	Japan	12	YES	ALLOY STEEL	2020	2,319.5
65354	O&k American Corp.	7227906030	Granted	6/3/2020	Japan	12.7	YES	ALLOY STEEL	2020	42.4
65355	O&k American Corp.	7227906030	Granted	5/3/2020	Japan	12.7	YES	ALLOY STEEL	2020	42.4
65357	O&k American Corp.	7227906030	Granted	6/3/2020	Japan	5.2	YES	ALLOY STEEL	2020	893.8

65358	O&k American Corp.	7227906030	Granted	4/3/2020	Japan	5.2	YES	ALLOY STEEL	2020	893.8
65359	O&k American Corp.	7227906030	Granted	4/3/2020	Japan	7.2	YES	ALLOY STEEL	2020	1,619.3
65360	O&k American Corp.	7227906030	Granted	4/3/2020	Japan	7.2	YES	ALLOY STEEL	2020	1,619.3
65362	O&k American Corp.	7227906030	Granted	4/3/2020	Japan	10	YES	ALLOY STEEL	2020	325.3
65363	O&k American Corp.	7227906030	Granted	4/3/2020	Japan	11.2	YES	ALLOY STEEL	2020	398.1
65364	O&k American Corp.	7227906030	Granted	5/3/2020	Japan	11.2	YES	ALLOY STEEL	2020	398.1
65525	Erasteel Inc	7227100000	Granted	5/3/2020	Sweden	7.35	NO	TOOL STEEL	2020	3.2
65525	Erasteel Inc	7227100000	Granted	5/3/2020	Sweden	7.35	NO	TOOL STEEL	2020	3.2
65525	Erasteel Inc	7227100000	Granted	5/3/2020	France	7.35	NO	TOOL STEEL	2020	3.2
65525	Erasteel Inc	7227100000	Granted	5/3/2020	France	7.35	NO	TOOL STEEL	2020	3.2
65525	Erasteel Inc	7227100000	Granted	5/3/2020	France	7.35	NO	TOOL STEEL	2020	3.2
65525	Erasteel Inc	7227100000	Granted	5/3/2020	France	7.35	NO	TOOL STEEL	2020	3.2
65528	Erasteel Inc	7227100000	Granted	4/3/2020	Sweden	20.15	NO	TOOL STEEL	2020	9.9
65528	Erasteel Inc	7227100000	Granted	4/3/2020	Sweden	20.15	NO	TOOL STEEL	2020	9.9
65528	Erasteel Inc	7227100000	Granted	4/3/2020	France	20.15	NO	TOOL STEEL	2020	9.9
65528	Erasteel Inc	7227100000	Granted	4/3/2020	France	20.15	NO	TOOL STEEL	2020	9.9
65528	Erasteel Inc	7227100000	Granted	4/3/2020	France	20.15	NO	TOOL STEEL	2020	9.9
65528	Erasteel Inc	7227100000	Granted	4/3/2020	France	20.15	NO	TOOL STEEL	2020	9.9
65574	Erasteel Inc	7227100000	Granted	6/3/2020	Sweden	10.85	NO	TOOL STEEL	2020	5.4
65574	Erasteel Inc	7227100000	Granted	6/3/2020	Sweden	10.85	NO	TOOL STEEL	2020	5.4
65574	Erasteel Inc	7227100000	Granted	6/3/2020	France	10.85	NO	TOOL STEEL	2020	5.4
65574	Erasteel Inc	7227100000	Granted	6/3/2020	France	10.85	NO	TOOL STEEL	2020	5.4
65574	Erasteel Inc	7227100000	Granted	6/3/2020	France	10.85	NO	TOOL STEEL	2020	5.4
65574	Erasteel Inc	7227100000	Granted	6/3/2020	France	10.85	NO	TOOL STEEL	2020	5.4
65576	Erasteel Inc	7227100000	Granted	4/3/2020	Sweden	21.05	NO	TOOL STEEL	2020	2.2
65576	Erasteel Inc	7227100000	Granted	4/3/2020	Sweden	21.05	NO	TOOL STEEL	2020	2.2
65576	Erasteel Inc	7227100000	Granted	4/3/2020	France	21.05	NO	TOOL STEEL	2020	2.2
65576	Erasteel Inc	7227100000	Granted	4/3/2020	France	21.05	NO	TOOL STEEL	2020	2.2
65576	Erasteel Inc	7227100000	Granted	4/3/2020	France	21.05	NO	TOOL STEEL	2020	2.2
65576	Erasteel Inc	7227100000	Granted	4/3/2020	France	21.05	NO	TOOL STEEL	2020	2.2
65577	Erasteel Inc	7227100000	Granted	5/3/2020	Sweden	16.85	NO	TOOL STEEL	2020	1.3
65577	Erasteel Inc	7227100000	Granted	5/3/2020	Sweden	16.85	NO	TOOL STEEL	2020	1.3
65577	Erasteel Inc	7227100000	Granted	5/3/2020	France	16.85	NO	TOOL STEEL	2020	1.3
65577	Erasteel Inc	7227100000	Granted	5/3/2020	France	16.85	NO	TOOL STEEL	2020	1.3
65577	Erasteel Inc	7227100000	Granted	5/3/2020	France	16.85	NO	TOOL STEEL	2020	1.3
65577	Erasteel Inc	7227100000	Granted	5/3/2020	France	16.85	NO	TOOL STEEL	2020	1.3
65579	Erasteel Inc	7227100000	Granted	5/3/2020	Sweden	5.35	NO	TOOL STEEL	2020	2.2
65579	Erasteel Inc	7227100000	Granted	5/3/2020	Sweden	5.35	NO	TOOL STEEL	2020	2.2

65579	Erasteel Inc	7227100000	Granted	5/3/2020	France	5.35	NO	TOOL STEEL	2020	2.2
65579	Erasteel Inc	7227100000	Granted	5/3/2020	France	5.35	NO	TOOL STEEL	2020	2.2
65579	Erasteel Inc	7227100000	Granted	5/3/2020	France	5.35	NO	TOOL STEEL	2020	2.2
65579	Erasteel Inc	7227100000	Granted	5/3/2020	France	5.35	NO	TOOL STEEL	2020	2.2
65583	Erasteel Inc	7227100000	Granted	5/3/2020	Sweden	5.35	NO	TOOL STEEL	2020	8.6
65583	Erasteel Inc	7227100000	Granted	5/3/2020	Sweden	5.35	NO	TOOL STEEL	2020	8.6
65583	Erasteel Inc	7227100000	Granted	5/3/2020	France	5.35	NO	TOOL STEEL	2020	8.6
65583	Erasteel Inc	7227100000	Granted	5/3/2020	France	5.35	NO	TOOL STEEL	2020	8.6
65583	Erasteel Inc	7227100000	Granted	5/3/2020	France	5.35	NO	TOOL STEEL	2020	8.6
65583	Erasteel Inc	7227100000	Granted	5/3/2020	France	5.35	NO	TOOL STEEL	2020	8.6
65585	Erasteel Inc	7227100000	Granted	4/3/2020	Sweden	6.85	NO	TOOL STEEL	2020	5.1
65585	Erasteel Inc	7227100000	Granted	4/3/2020	Sweden	6.85	NO	TOOL STEEL	2020	5.1
65585	Erasteel Inc	7227100000	Granted	4/3/2020	France	6.85	NO	TOOL STEEL	2020	5.1
65585	Erasteel Inc	7227100000	Granted	4/3/2020	France	6.85	NO	TOOL STEEL	2020	5.1
65585	Erasteel Inc	7227100000	Granted	4/3/2020	France	6.85	NO	TOOL STEEL	2020	5.1
65585	Erasteel Inc	7227100000	Granted	4/3/2020	France	6.85	NO	TOOL STEEL	2020	5.1
65587	Erasteel Inc	7227100000	Granted	4/3/2020	Sweden	8.85	NO	TOOL STEEL	2020	5.8
65587	Erasteel Inc	7227100000	Granted	4/3/2020	Sweden	8.85	NO	TOOL STEEL	2020	5.8
65587	Erasteel Inc	7227100000	Granted	4/3/2020	France	8.85	NO	TOOL STEEL	2020	5.8
65587	Erasteel Inc	7227100000	Granted	4/3/2020	France	8.85	NO	TOOL STEEL	2020	5.8
65587	Erasteel Inc	7227100000	Granted	4/3/2020	France	8.85	NO	TOOL STEEL	2020	5.8
65587	Erasteel Inc	7227100000	Granted	4/3/2020	France	8.85	NO	TOOL STEEL	2020	5.8
65589	Erasteel Inc	7227100000	Granted	5/3/2020	Sweden	9.35	NO	TOOL STEEL	2020	1.3
65589	Erasteel Inc	7227100000	Granted	5/3/2020	Sweden	9.35	NO	TOOL STEEL	2020	1.3
65589	Erasteel Inc	7227100000	Granted	5/3/2020	France	9.35	NO	TOOL STEEL	2020	1.3
65589	Erasteel Inc	7227100000	Granted	5/3/2020	France	9.35	NO	TOOL STEEL	2020	1.3
65589	Erasteel Inc	7227100000	Granted	5/3/2020	France	9.35	NO	TOOL STEEL	2020	1.3
65589	Erasteel Inc	7227100000	Granted	5/3/2020	France	9.35	NO	TOOL STEEL	2020	1.3
65592	Erasteel Inc	7227100000	Granted	4/3/2020	Sweden	10.35	NO	TOOL STEEL	2020	2.6
65592	Erasteel Inc	7227100000	Granted	4/3/2020	Sweden	10.35	NO	TOOL STEEL	2020	2.6
65592	Erasteel Inc	7227100000	Granted	4/3/2020	France	10.35	NO	TOOL STEEL	2020	2.6
65592	Erasteel Inc	7227100000	Granted	4/3/2020	France	10.35	NO	TOOL STEEL	2020	2.6
65592	Erasteel Inc	7227100000	Granted	4/3/2020	France	10.35	NO	TOOL STEEL	2020	2.6
65592	Erasteel Inc	7227100000	Granted	4/3/2020	France	10.35	NO	TOOL STEEL	2020	2.6
65594	Erasteel Inc	7227100000	Granted	5/3/2020	Sweden	10.85	NO	TOOL STEEL	2020	5.1
65594	Erasteel Inc	7227100000	Granted	5/3/2020	Sweden	10.85	NO	TOOL STEEL	2020	5.1
65594	Erasteel Inc	7227100000	Granted	5/3/2020	France	10.85	NO	TOOL STEEL	2020	5.1
65594	Erasteel Inc	7227100000	Granted	5/3/2020	France	10.85	NO	TOOL STEEL	2020	5.1

65594	Erasteel Inc	7227100000	Granted	5/3/2020	France	10.85	NO	TOOL STEEL	2020	5.1
65594	Erasteel Inc	7227100000	Granted	5/3/2020	France	10.85	NO	TOOL STEEL	2020	5.1
65596	Erasteel Inc	7227100000	Granted	4/3/2020	Sweden	16.85	NO	TOOL STEEL	2020	6.1
65596	Erasteel Inc	7227100000	Granted	4/3/2020	Sweden	16.85	NO	TOOL STEEL	2020	6.1
65596	Erasteel Inc	7227100000	Granted	4/3/2020	France	16.85	NO	TOOL STEEL	2020	6.1
65596	Erasteel Inc	7227100000	Granted	4/3/2020	France	16.85	NO	TOOL STEEL	2020	6.1
65596	Erasteel Inc	7227100000	Granted	4/3/2020	France	16.85	NO	TOOL STEEL	2020	6.1
65596	Erasteel Inc	7227100000	Granted	4/3/2020	France	16.85	NO	TOOL STEEL	2020	6.1
65597	Erasteel Inc	7227100000	Granted	6/3/2020	Sweden	20.15	NO	TOOL STEEL	2020	4.2
65597	Erasteel Inc	7227100000	Granted	6/3/2020	Sweden	20.15	NO	TOOL STEEL	2020	4.2
65597	Erasteel Inc	7227100000	Granted	6/3/2020	France	20.15	NO	TOOL STEEL	2020	4.2
65597	Erasteel Inc	7227100000	Granted	6/3/2020	France	20.15	NO	TOOL STEEL	2020	4.2
65597	Erasteel Inc	7227100000	Granted	6/3/2020	France	20.15	NO	TOOL STEEL	2020	4.2
65597	Erasteel Inc	7227100000	Granted	6/3/2020	France	20.15	NO	TOOL STEEL	2020	4.2
65599	Erasteel Inc	7227100000	Granted	4/3/2020	Sweden	21.05	NO	TOOL STEEL	2020	5.1
65599	Erasteel Inc	7227100000	Granted	4/3/2020	Sweden	21.05	NO	TOOL STEEL	2020	5.1
65599	Erasteel Inc	7227100000	Granted	4/3/2020	France	21.05	NO	TOOL STEEL	2020	5.1
65599	Erasteel Inc	7227100000	Granted	4/3/2020	France	21.05	NO	TOOL STEEL	2020	5.1
65599	Erasteel Inc	7227100000	Granted	4/3/2020	France	21.05	NO	TOOL STEEL	2020	5.1
65599	Erasteel Inc	7227100000	Granted	4/3/2020	France	21.05	NO	TOOL STEEL	2020	5.1
65600	Erasteel Inc	7227100000	Granted	4/3/2020	Sweden	5.35	NO	TOOL STEEL	2020	44.5
65600	Erasteel Inc	7227100000	Granted	4/3/2020	Sweden	5.35	NO	TOOL STEEL	2020	44.5
65600	Erasteel Inc	7227100000	Granted	4/3/2020	France	5.35	NO	TOOL STEEL	2020	44.5
65600	Erasteel Inc	7227100000	Granted	4/3/2020	France	5.35	NO	TOOL STEEL	2020	44.5
65600	Erasteel Inc	7227100000	Granted	4/3/2020	France	5.35	NO	TOOL STEEL	2020	44.5
65600	Erasteel Inc	7227100000	Granted	4/3/2020	France	5.35	NO	TOOL STEEL	2020	44.5
65602	Erasteel Inc	7227100000	Granted	5/3/2020	Sweden	6.85	NO	TOOL STEEL	2020	35.8
65602	Erasteel Inc	7227100000	Granted	5/3/2020	Sweden	6.85	NO	TOOL STEEL	2020	35.8
65602	Erasteel Inc	7227100000	Granted	5/3/2020	France	6.85	NO	TOOL STEEL	2020	35.8
65602	Erasteel Inc	7227100000	Granted	5/3/2020	France	6.85	NO	TOOL STEEL	2020	35.8
65602	Erasteel Inc	7227100000	Granted	5/3/2020	France	6.85	NO	TOOL STEEL	2020	35.8
65602	Erasteel Inc	7227100000	Granted	5/3/2020	France	6.85	NO	TOOL STEEL	2020	35.8
65604	Erasteel Inc	7227100000	Granted	4/3/2020	Sweden	7.35	NO	TOOL STEEL	2020	15.4
65604	Erasteel Inc	7227100000	Granted	4/3/2020	Sweden	7.35	NO	TOOL STEEL	2020	15.4
65604	Erasteel Inc	7227100000	Granted	4/3/2020	France	7.35	NO	TOOL STEEL	2020	15.4
65604	Erasteel Inc	7227100000	Granted	4/3/2020	France	7.35	NO	TOOL STEEL	2020	15.4
65604	Erasteel Inc	7227100000	Granted	4/3/2020	France	7.35	NO	TOOL STEEL	2020	15.4
65604	Erasteel Inc	7227100000	Granted	4/3/2020	France	7.35	NO	TOOL STEEL	2020	15.4

65606	Erasteel Inc	7227100000	Granted	4/3/2020	Sweden	10.85	NO	TOOL STEEL	2020	11.2
65606	Erasteel Inc	7227100000	Granted	4/3/2020	Sweden	10.85	NO	TOOL STEEL	2020	11.2
65606	Erasteel Inc	7227100000	Granted	4/3/2020	France	10.85	NO	TOOL STEEL	2020	11.2
65606	Erasteel Inc	7227100000	Granted	4/3/2020	France	10.85	NO	TOOL STEEL	2020	11.2
65606	Erasteel Inc	7227100000	Granted	4/3/2020	France	10.85	NO	TOOL STEEL	2020	11.2
65606	Erasteel Inc	7227100000	Granted	4/3/2020	France	10.85	NO	TOOL STEEL	2020	11.2
65607	Erasteel Inc	7227100000	Granted	5/3/2020	Sweden	11.35	NO	TOOL STEEL	2020	7.7
65607	Erasteel Inc	7227100000	Granted	5/3/2020	Sweden	11.35	NO	TOOL STEEL	2020	7.7
65607	Erasteel Inc	7227100000	Granted	5/3/2020	France	11.35	NO	TOOL STEEL	2020	7.7
65607	Erasteel Inc	7227100000	Granted	5/3/2020	France	11.35	NO	TOOL STEEL	2020	7.7
65607	Erasteel Inc	7227100000	Granted	5/3/2020	France	11.35	NO	TOOL STEEL	2020	7.7
65607	Erasteel Inc	7227100000	Granted	5/3/2020	France	11.35	NO	TOOL STEEL	2020	7.7
65608	Erasteel Inc	7227100000	Granted	6/3/2020	Sweden	11.85	NO	TOOL STEEL	2020	15.4
65608	Erasteel Inc	7227100000	Granted	6/3/2020	Sweden	11.85	NO	TOOL STEEL	2020	15.4
65608	Erasteel Inc	7227100000	Granted	6/3/2020	France	11.85	NO	TOOL STEEL	2020	15.4
65608	Erasteel Inc	7227100000	Granted	6/3/2020	France	11.85	NO	TOOL STEEL	2020	15.4
65608	Erasteel Inc	7227100000	Granted	6/3/2020	France	11.85	NO	TOOL STEEL	2020	15.4
65608	Erasteel Inc	7227100000	Granted	6/3/2020	France	11.85	NO	TOOL STEEL	2020	15.4
65609	Erasteel Inc	7227100000	Granted	5/3/2020	Sweden	15.35	NO	TOOL STEEL	2020	2.2
65609	Erasteel Inc	7227100000	Granted	5/3/2020	Sweden	15.35	NO	TOOL STEEL	2020	2.2
65609	Erasteel Inc	7227100000	Granted	5/3/2020	France	15.35	NO	TOOL STEEL	2020	2.2
65609	Erasteel Inc	7227100000	Granted	5/3/2020	France	15.35	NO	TOOL STEEL	2020	2.2
65609	Erasteel Inc	7227100000	Granted	5/3/2020	France	15.35	NO	TOOL STEEL	2020	2.2
65609	Erasteel Inc	7227100000	Granted	5/3/2020	France	15.35	NO	TOOL STEEL	2020	2.2
65610	Erasteel Inc	7227100000	Granted	4/3/2020	Sweden	16.35	NO	TOOL STEEL	2020	1.0
65610	Erasteel Inc	7227100000	Granted	4/3/2020	Sweden	16.35	NO	TOOL STEEL	2020	1.0
65610	Erasteel Inc	7227100000	Granted	4/3/2020	France	16.35	NO	TOOL STEEL	2020	1.0
65610	Erasteel Inc	7227100000	Granted	4/3/2020	France	16.35	NO	TOOL STEEL	2020	1.0
65610	Erasteel Inc	7227100000	Granted	4/3/2020	France	16.35	NO	TOOL STEEL	2020	1.0
65610	Erasteel Inc	7227100000	Granted	4/3/2020	France	16.35	NO	TOOL STEEL	2020	1.0
65613	Erasteel Inc	7227100000	Granted	4/3/2020	Sweden	5.35	NO	TOOL STEEL	2020	2.9
65613	Erasteel Inc	7227100000	Granted	4/3/2020	Sweden	5.35	NO	TOOL STEEL	2020	2.9
65613	Erasteel Inc	7227100000	Granted	4/3/2020	France	5.35	NO	TOOL STEEL	2020	2.9
65613	Erasteel Inc	7227100000	Granted	4/3/2020	France	5.35	NO	TOOL STEEL	2020	2.9
65613	Erasteel Inc	7227100000	Granted	4/3/2020	France	5.35	NO	TOOL STEEL	2020	2.9
65613	Erasteel Inc	7227100000	Granted	4/3/2020	France	5.35	NO	TOOL STEEL	2020	2.9
65625	Erasteel Inc	7227100000	Granted	6/3/2020	Sweden	5.85	NO	TOOL STEEL	2020	1.0
65625	Erasteel Inc	7227100000	Granted	6/3/2020	Sweden	5.85	NO	TOOL STEEL	2020	1.0

65625	Erasteel Inc	7227100000	Granted	6/3/2020	France	5.85	NO	TOOL STEEL	2020	1.0
65625	Erasteel Inc	7227100000	Granted	6/3/2020	France	5.85	NO	TOOL STEEL	2020	1.0
65625	Erasteel Inc	7227100000	Granted	6/3/2020	France	5.85	NO	TOOL STEEL	2020	1.0
65625	Erasteel Inc	7227100000	Granted	6/3/2020	France	5.85	NO	TOOL STEEL	2020	1.0
65627	Erasteel Inc	7227100000	Granted	4/3/2020	Sweden	6.35	NO	TOOL STEEL	2020	1.0
65627	Erasteel Inc	7227100000	Granted	4/3/2020	Sweden	6.35	NO	TOOL STEEL	2020	1.0
65627	Erasteel Inc	7227100000	Granted	4/3/2020	France	6.35	NO	TOOL STEEL	2020	1.0
65627	Erasteel Inc	7227100000	Granted	4/3/2020	France	6.35	NO	TOOL STEEL	2020	1.0
65627	Erasteel Inc	7227100000	Granted	4/3/2020	France	6.35	NO	TOOL STEEL	2020	1.0
65627	Erasteel Inc	7227100000	Granted	4/3/2020	France	6.35	NO	TOOL STEEL	2020	1.0
65628	Erasteel Inc	7227100000	Granted	4/3/2020	Sweden	6.85	NO	TOOL STEEL	2020	3.2
65628	Erasteel Inc	7227100000	Granted	4/3/2020	Sweden	6.85	NO	TOOL STEEL	2020	3.2
65628	Erasteel Inc	7227100000	Granted	4/3/2020	France	6.85	NO	TOOL STEEL	2020	3.2
65628	Erasteel Inc	7227100000	Granted	4/3/2020	France	6.85	NO	TOOL STEEL	2020	3.2
65628	Erasteel Inc	7227100000	Granted	4/3/2020	France	6.85	NO	TOOL STEEL	2020	3.2
65628	Erasteel Inc	7227100000	Granted	4/3/2020	France	6.85	NO	TOOL STEEL	2020	3.2
65630	Erasteel Inc	7227100000	Granted	5/3/2020	Sweden	8.85	NO	TOOL STEEL	2020	7.7
65630	Erasteel Inc	7227100000	Granted	5/3/2020	Sweden	8.85	NO	TOOL STEEL	2020	7.7
65630	Erasteel Inc	7227100000	Granted	5/3/2020	France	8.85	NO	TOOL STEEL	2020	7.7
65630	Erasteel Inc	7227100000	Granted	5/3/2020	France	8.85	NO	TOOL STEEL	2020	7.7
65630	Erasteel Inc	7227100000	Granted	5/3/2020	France	8.85	NO	TOOL STEEL	2020	7.7
65630	Erasteel Inc	7227100000	Granted	5/3/2020	France	8.85	NO	TOOL STEEL	2020	7.7
65632	Erasteel Inc	7227100000	Granted	4/3/2020	Sweden	9.85	NO	TOOL STEEL	2020	4.2
65632	Erasteel Inc	7227100000	Granted	4/3/2020	Sweden	9.85	NO	TOOL STEEL	2020	4.2
65632	Erasteel Inc	7227100000	Granted	4/3/2020	France	9.85	NO	TOOL STEEL	2020	4.2
65632	Erasteel Inc	7227100000	Granted	4/3/2020	France	9.85	NO	TOOL STEEL	2020	4.2
65632	Erasteel Inc	7227100000	Granted	4/3/2020	France	9.85	NO	TOOL STEEL	2020	4.2
65632	Erasteel Inc	7227100000	Granted	4/3/2020	France	9.85	NO	TOOL STEEL	2020	4.2
65633	Erasteel Inc	7227100000	Granted	5/3/2020	Sweden	10.85	NO	TOOL STEEL	2020	4.2
65633	Erasteel Inc	7227100000	Granted	5/3/2020	Sweden	10.85	NO	TOOL STEEL	2020	4.2
65633	Erasteel Inc	7227100000	Granted	5/3/2020	France	10.85	NO	TOOL STEEL	2020	4.2
65633	Erasteel Inc	7227100000	Granted	5/3/2020	France	10.85	NO	TOOL STEEL	2020	4.2
65633	Erasteel Inc	7227100000	Granted	5/3/2020	France	10.85	NO	TOOL STEEL	2020	4.2
65633	Erasteel Inc	7227100000	Granted	5/3/2020	France	10.85	NO	TOOL STEEL	2020	4.2
65635	Erasteel Inc	7227100000	Granted	5/3/2020	Sweden	6.85	NO	TOOL STEEL	2020	5.1
65635	Erasteel Inc	7227100000	Granted	5/3/2020	Sweden	6.85	NO	TOOL STEEL	2020	5.1
65635	Erasteel Inc	7227100000	Granted	5/3/2020	France	6.85	NO	TOOL STEEL	2020	5.1
65635	Erasteel Inc	7227100000	Granted	5/3/2020	France	6.85	NO	TOOL STEEL	2020	5.1
65635	Erasteel Inc	7227100000	Granted	5/3/2020	France	6.85	NO	TOOL STEEL	2020	5.1

65635	Erasteel Inc	7227100000	Granted	5/3/2020	France	6.85	NO	TOOL STEEL	2020	5.1
65638	Erasteel Inc	7227100000	Granted	4/3/2020	Sweden	9.35	NO	TOOL STEEL	2020	3.5
65638	Erasteel Inc	7227100000	Granted	4/3/2020	Sweden	9.35	NO	TOOL STEEL	2020	3.5
65638	Erasteel Inc	7227100000	Granted	4/3/2020	France	9.35	NO	TOOL STEEL	2020	3.5
65638	Erasteel Inc	7227100000	Granted	4/3/2020	France	9.35	NO	TOOL STEEL	2020	3.5
65638	Erasteel Inc	7227100000	Granted	4/3/2020	France	9.35	NO	TOOL STEEL	2020	3.5
65638	Erasteel Inc	7227100000	Granted	4/3/2020	France	9.35	NO	TOOL STEEL	2020	3.5
65639	Erasteel Inc	7227100000	Granted	6/3/2020	Sweden	9.85	NO	TOOL STEEL	2020	15.7
65639	Erasteel Inc	7227100000	Granted	6/3/2020	Sweden	9.85	NO	TOOL STEEL	2020	15.7
65639	Erasteel Inc	7227100000	Granted	6/3/2020	France	9.85	NO	TOOL STEEL	2020	15.7
65639	Erasteel Inc	7227100000	Granted	6/3/2020	France	9.85	NO	TOOL STEEL	2020	15.7
65639	Erasteel Inc	7227100000	Granted	6/3/2020	France	9.85	NO	TOOL STEEL	2020	15.7
65639	Erasteel Inc	7227100000	Granted	6/3/2020	France	9.85	NO	TOOL STEEL	2020	15.7
65641	Erasteel Inc	7227100000	Granted	4/3/2020	Sweden	16.35	NO	TOOL STEEL	2020	2.2
65641	Erasteel Inc	7227100000	Granted	4/3/2020	Sweden	16.35	NO	TOOL STEEL	2020	2.2
65641	Erasteel Inc	7227100000	Granted	4/3/2020	France	16.35	NO	TOOL STEEL	2020	2.2
65641	Erasteel Inc	7227100000	Granted	4/3/2020	France	16.35	NO	TOOL STEEL	2020	2.2
65641	Erasteel Inc	7227100000	Granted	4/3/2020	France	16.35	NO	TOOL STEEL	2020	2.2
65641	Erasteel Inc	7227100000	Granted	4/3/2020	France	16.35	NO	TOOL STEEL	2020	2.2
65647	Erasteel Inc	7227100000	Granted	5/3/2020	Sweden	16.85	NO	TOOL STEEL	2020	6.4
65647	Erasteel Inc	7227100000	Granted	5/3/2020	Sweden	16.85	NO	TOOL STEEL	2020	6.4
65647	Erasteel Inc	7227100000	Granted	5/3/2020	France	16.85	NO	TOOL STEEL	2020	6.4
65647	Erasteel Inc	7227100000	Granted	5/3/2020	France	16.85	NO	TOOL STEEL	2020	6.4
65647	Erasteel Inc	7227100000	Granted	5/3/2020	France	16.85	NO	TOOL STEEL	2020	6.4
65647	Erasteel Inc	7227100000	Granted	5/3/2020	France	16.85	NO	TOOL STEEL	2020	6.4
65650	Erasteel Inc	7227902060	Granted	6/3/2020	Sweden	8.35	NO	TOOL STEEL	2020	3.8
65650	Erasteel Inc	7227902060	Granted	6/3/2020	Sweden	8.35	NO	TOOL STEEL	2020	3.8
65650	Erasteel Inc	7227902060	Granted	6/3/2020	France	8.35	NO	TOOL STEEL	2020	3.8
65650	Erasteel Inc	7227902060	Granted	6/3/2020	France	8.35	NO	TOOL STEEL	2020	3.8
65650	Erasteel Inc	7227902060	Granted	6/3/2020	France	8.35	NO	TOOL STEEL	2020	3.8
65650	Erasteel Inc	7227902060	Granted	6/3/2020	France	8.35	NO	TOOL STEEL	2020	3.8
65651	Erasteel Inc	7227902060	Granted	5/3/2020	Sweden	13.35	NO	TOOL STEEL	2020	4.2
65651	Erasteel Inc	7227902060	Granted	5/3/2020	Sweden	13.35	NO	TOOL STEEL	2020	4.2
65651	Erasteel Inc	7227902060	Granted	5/3/2020	France	13.35	NO	TOOL STEEL	2020	4.2
65651	Erasteel Inc	7227902060	Granted	5/3/2020	France	13.35	NO	TOOL STEEL	2020	4.2
65651	Erasteel Inc	7227902060	Granted	5/3/2020	France	13.35	NO	TOOL STEEL	2020	4.2
65651	Erasteel Inc	7227902060	Granted	5/3/2020	France	13.35	NO	TOOL STEEL	2020	4.2
65653	Erasteel Inc	7227902060	Granted	5/3/2020	Sweden	15.35	NO	TOOL STEEL	2020	1.0

65653	Erasteel Inc	7227902060	Granted	5/3/2020	Sweden	15.35	NO	TOOL STEEL	2020	1.0
65653	Erasteel Inc	7227902060	Granted	5/3/2020	France	15.35	NO	TOOL STEEL	2020	1.0
65653	Erasteel Inc	7227902060	Granted	5/3/2020	France	15.35	NO	TOOL STEEL	2020	1.0
65653	Erasteel Inc	7227902060	Granted	5/3/2020	France	15.35	NO	TOOL STEEL	2020	1.0
65653	Erasteel Inc	7227902060	Granted	5/3/2020	France	15.35	NO	TOOL STEEL	2020	1.0
65654	Erasteel Inc	7227902060	Granted	4/3/2020	Sweden	17.85	NO	TOOL STEEL	2020	1.0
65654	Erasteel Inc	7227902060	Granted	4/3/2020	Sweden	17.85	NO	TOOL STEEL	2020	1.0
65654	Erasteel Inc	7227902060	Granted	4/3/2020	France	17.85	NO	TOOL STEEL	2020	1.0
65654	Erasteel Inc	7227902060	Granted	4/3/2020	France	17.85	NO	TOOL STEEL	2020	1.0
65654	Erasteel Inc	7227902060	Granted	4/3/2020	France	17.85	NO	TOOL STEEL	2020	1.0
65654	Erasteel Inc	7227902060	Granted	4/3/2020	France	17.85	NO	TOOL STEEL	2020	1.0
66009	The Lincoln Electric Company	7227906020	Granted	8/4/2020	Germany	5	YES	ALLOY STEEL	2020	3,000.0
66312	O&k American Corp.	7227906035	Granted	5/3/2020	Japan	16.8	YES	ALLOY STEEL	2020	115.7
66422	Metal One America, Inc.	7227906035	Granted	5/3/2020	Japan	15.25	YES	ALLOY STEEL	2020	2,250.0
66508	NSK Corporation	7227902030	Granted	5/3/2020	Japan	8.3	NO	BALL BEARING STEEL	2020	522.0
66560	Sullivan Steel Service, A Division of General Sul	7227902060	Granted	5/3/2020	Netherlan	11.2	NO	BALL BEARING STEEL	2020	20.0
66617	NSK Corporation	7227902030	Granted	5/3/2020	Japan	8.9	NO	BALL BEARING STEEL	2020	525.0
66731	NSK Corporation	7227902030	Granted	5/3/2020	Japan	10.5	NO	BALL BEARING STEEL	2020	211.0
66733	NSK Corporation	7227902030	Granted	6/3/2020	Japan	11	NO	BALL BEARING STEEL	2020	55.0
66735	NSK Corporation	7227901030	Granted	5/3/2020	Japan	10.5	NO	BALL BEARING STEEL	2020	211.0
66741	O&k American Corp.	7227906030	Granted	9/3/2020	Japan	11.2	YES	ALLOY STEEL	2020	398.1
66752	O&k American Corp.	7227906030	Granted	5/3/2020	Japan	5.2	YES	ALLOY STEEL	2020	2,024.6
66756	O&k American Corp.	7227906030	Granted	5/3/2020	Japan	5.2	YES	ALLOY STEEL	2020	2,024.6
66764	O&k American Corp.	7227906030	Granted	6/3/2020	Japan	7.2	YES	ALLOY STEEL	2020	2,772.5
66765	O&k American Corp.	7227906030	Granted	5/3/2020	Japan	7.2	YES	ALLOY STEEL	2020	2,772.5
66771	O&k American Corp.	7227906030	Granted	6/3/2020	Japan	9.1	YES	ALLOY STEEL	2020	2,100.0
66772	O&k American Corp.	7227906030	Granted	5/3/2020	Japan	9.1	YES	ALLOY STEEL	2020	2,100.0
66777	O&k American Corp.	7227906030	Granted	5/3/2020	Japan	11.2	YES	ALLOY STEEL	2020	289.8
66778	O&k American Corp.	7227906030	Granted	6/3/2020	Japan	11.2	YES	ALLOY STEEL	2020	289.8
66783	O&k American Corp.	7227906035	Granted	9/3/2020	Japan	14	YES	ALLOY STEEL	2020	42.4
66784	O&k American Corp.	7227906035	Granted	5/3/2020	Japan	14	YES	ALLOY STEEL	2020	42.4
66789	O&k American Corp.	7227906035	Granted	9/3/2020	Japan	14	YES	ALLOY STEEL	2020	83.3
66790	O&k American Corp.	7227906035	Granted	5/3/2020	Japan	14	YES	ALLOY STEEL	2020	83.3
66795	O&k American Corp.	7227906035	Granted	5/3/2020	Japan	14	YES	ALLOY STEEL	2020	83.3
66798	O&k American Corp.	7227906035	Granted	6/3/2020	Japan	14	YES	ALLOY STEEL	2020	83.3
66816	O&k American Corp.	7227906035	Granted	5/3/2020	Japan	14	YES	ALLOY STEEL	2020	83.3
66819	O&k American Corp.	7227906035	Granted	5/3/2020	Japan	14	YES	ALLOY STEEL	2020	83.3
66838	O&k American Corp.	7227906035	Granted	5/3/2020	Japan	15.6	YES	ALLOY STEEL	2020	83.1

66842	O&k American Corp.	7227906035	Granted	6/3/2020	Japan	15.6	YES	ALLOY STEEL	2020	83.1
66855	O&k American Corp.	7227906035	Granted	5/3/2020	Japan	16.6	YES	ALLOY STEEL	2020	85.5
66858	O&k American Corp.	7227906035	Granted	5/3/2020	Japan	16.6	YES	ALLOY STEEL	2020	85.5
66881	O&k American Corp.	7227906030	Granted	5/3/2020	Japan	8.4	YES	ALLOY STEEL	2020	42.9
66884	O&k American Corp.	7227906030	Granted	6/3/2020	Japan	8.4	YES	ALLOY STEEL	2020	42.9
66892	O&k American Corp.	7227906030	Granted	5/3/2020	Japan	9.9	YES	ALLOY STEEL	2020	179.8
66895	O&k American Corp.	7227906030	Granted	5/3/2020	Japan	9.9	YES	ALLOY STEEL	2020	179.8
66907	O&k American Corp.	7227906035	Granted	5/3/2020	Japan	15.6	YES	ALLOY STEEL	2020	83.1
66911	O&k American Corp.	7227906035	Granted	5/3/2020	Japan	15.6	YES	ALLOY STEEL	2020	83.1
66915	O&k American Corp.	7227906030	Granted	9/3/2020	Japan	5.2	YES	ALLOY STEEL	2020	893.8
66918	O&k American Corp.	7227906030	Granted	5/3/2020	Japan	5.2	YES	ALLOY STEEL	2020	893.8
67292	Sullivan Steel Service, A Division of General Sul	7227902060	Granted	5/3/2020	Netherlan	6.85	NO	BALL BEARING STEEL	2020	80.0
67298	Sullivan Steel Service, A Division of General Sul	7227902060	Granted	6/3/2020	Netherlan	11.2	NO	BALL BEARING STEEL	2020	20.0
67301	Sullivan Steel Service, A Division of General Sul	7227902060	Granted	5/3/2020	Netherlan	6.85	NO	BALL BEARING STEEL	2020	80.0
67317	Metal One America, Inc.	7227906035	Granted	6/3/2020	Japan	16.05	YES	ALLOY STEEL	2020	3,750.0
67346	Metal One America, Inc.	7227906035	Granted	5/3/2020	Japan	17	YES	ALLOY STEEL	2020	7,500.0
67468	NSK Corporation	7227901030	Granted	6/3/2020	Japan	7.8	NO	BALL BEARING STEEL	2020	300.0
67778	Erasteel Inc	7227100000	Granted	6/3/2020	Sweden	8.35	NO	TOOL STEEL	2020	2.4
67778	Erasteel Inc	7227100000	Granted	6/3/2020	Sweden	8.35	NO	TOOL STEEL	2020	2.4
67778	Erasteel Inc	7227100000	Granted	6/3/2020	France	8.35	NO	TOOL STEEL	2020	2.4
67778	Erasteel Inc	7227100000	Granted	6/3/2020	France	8.35	NO	TOOL STEEL	2020	2.4
67778	Erasteel Inc	7227100000	Granted	6/3/2020	France	8.35	NO	TOOL STEEL	2020	2.4
67778	Erasteel Inc	7227100000	Granted	6/3/2020	France	8.35	NO	TOOL STEEL	2020	2.4
67819	Erasteel Inc	7227100000	Granted	9/3/2020	Sweden	11.85	NO	TOOL STEEL	2020	1.3
67819	Erasteel Inc	7227100000	Granted	9/3/2020	Sweden	11.85	NO	TOOL STEEL	2020	1.3
67819	Erasteel Inc	7227100000	Granted	9/3/2020	France	11.85	NO	TOOL STEEL	2020	1.3
67819	Erasteel Inc	7227100000	Granted	9/3/2020	France	11.85	NO	TOOL STEEL	2020	1.3
67819	Erasteel Inc	7227100000	Granted	9/3/2020	France	11.85	NO	TOOL STEEL	2020	1.3
67819	Erasteel Inc	7227100000	Granted	9/3/2020	France	11.85	NO	TOOL STEEL	2020	1.3
67830	Erasteel Inc	7227100000	Granted	6/3/2020	Sweden	5.85	NO	TOOL STEEL	2020	2.5
67830	Erasteel Inc	7227100000	Granted	6/3/2020	Sweden	5.85	NO	TOOL STEEL	2020	2.5
67830	Erasteel Inc	7227100000	Granted	6/3/2020	France	5.85	NO	TOOL STEEL	2020	2.5
67830	Erasteel Inc	7227100000	Granted	6/3/2020	France	5.85	NO	TOOL STEEL	2020	2.5
67830	Erasteel Inc	7227100000	Granted	6/3/2020	France	5.85	NO	TOOL STEEL	2020	2.5
67830	Erasteel Inc	7227100000	Granted	6/3/2020	France	5.85	NO	TOOL STEEL	2020	2.5
67837	Erasteel Inc	7227100000	Granted	6/3/2020	Sweden	7.85	NO	TOOL STEEL	2020	21.2
67837	Erasteel Inc	7227100000	Granted	6/3/2020	Sweden	7.85	NO	TOOL STEEL	2020	21.2
67837	Erasteel Inc	7227100000	Granted	6/3/2020	France	7.85	NO	TOOL STEEL	2020	21.2

67837	Erasteel Inc	7227100000	Granted	6/3/2020	France	7.85	NO	TOOL STEEL	2020	21.2
67837	Erasteel Inc	7227100000	Granted	6/3/2020	France	7.85	NO	TOOL STEEL	2020	21.2
67837	Erasteel Inc	7227100000	Granted	6/3/2020	France	7.85	NO	TOOL STEEL	2020	21.2
67844	Erasteel Inc	7227100000	Granted	6/3/2020	Sweden	8.35	NO	TOOL STEEL	2020	35.5
67844	Erasteel Inc	7227100000	Granted	6/3/2020	Sweden	8.35	NO	TOOL STEEL	2020	35.5
67844	Erasteel Inc	7227100000	Granted	6/3/2020	France	8.35	NO	TOOL STEEL	2020	35.5
67844	Erasteel Inc	7227100000	Granted	6/3/2020	France	8.35	NO	TOOL STEEL	2020	35.5
67844	Erasteel Inc	7227100000	Granted	6/3/2020	France	8.35	NO	TOOL STEEL	2020	35.5
67844	Erasteel Inc	7227100000	Granted	6/3/2020	France	8.35	NO	TOOL STEEL	2020	35.5
67848	Erasteel Inc	7227100000	Granted	6/3/2020	Sweden	8.85	NO	TOOL STEEL	2020	16.3
67848	Erasteel Inc	7227100000	Granted	6/3/2020	Sweden	8.85	NO	TOOL STEEL	2020	16.3
67848	Erasteel Inc	7227100000	Granted	6/3/2020	France	8.85	NO	TOOL STEEL	2020	16.3
67848	Erasteel Inc	7227100000	Granted	6/3/2020	France	8.85	NO	TOOL STEEL	2020	16.3
67848	Erasteel Inc	7227100000	Granted	6/3/2020	France	8.85	NO	TOOL STEEL	2020	16.3
67848	Erasteel Inc	7227100000	Granted	6/3/2020	France	8.85	NO	TOOL STEEL	2020	16.3
67853	Erasteel Inc	7227100000	Granted	6/3/2020	Sweden	12.35	NO	TOOL STEEL	2020	18.8
67853	Erasteel Inc	7227100000	Granted	6/3/2020	Sweden	12.35	NO	TOOL STEEL	2020	18.8
67853	Erasteel Inc	7227100000	Granted	6/3/2020	France	12.35	NO	TOOL STEEL	2020	18.8
67853	Erasteel Inc	7227100000	Granted	6/3/2020	France	12.35	NO	TOOL STEEL	2020	18.8
67853	Erasteel Inc	7227100000	Granted	6/3/2020	France	12.35	NO	TOOL STEEL	2020	18.8
67853	Erasteel Inc	7227100000	Granted	6/3/2020	France	12.35	NO	TOOL STEEL	2020	18.8
67857	Erasteel Inc	7227100000	Granted	6/3/2020	Sweden	12.85	NO	TOOL STEEL	2020	9.0
67857	Erasteel Inc	7227100000	Granted	6/3/2020	Sweden	12.85	NO	TOOL STEEL	2020	9.0
67857	Erasteel Inc	7227100000	Granted	6/3/2020	France	12.85	NO	TOOL STEEL	2020	9.0
67857	Erasteel Inc	7227100000	Granted	6/3/2020	France	12.85	NO	TOOL STEEL	2020	9.0
67857	Erasteel Inc	7227100000	Granted	6/3/2020	France	12.85	NO	TOOL STEEL	2020	9.0
67857	Erasteel Inc	7227100000	Granted	6/3/2020	France	12.85	NO	TOOL STEEL	2020	9.0
67859	Erasteel Inc	7227100000	Granted	6/3/2020	Sweden	13.35	NO	TOOL STEEL	2020	39.2
67859	Erasteel Inc	7227100000	Granted	6/3/2020	Sweden	13.35	NO	TOOL STEEL	2020	39.2
67859	Erasteel Inc	7227100000	Granted	6/3/2020	France	13.35	NO	TOOL STEEL	2020	39.2
67859	Erasteel Inc	7227100000	Granted	6/3/2020	France	13.35	NO	TOOL STEEL	2020	39.2
67859	Erasteel Inc	7227100000	Granted	6/3/2020	France	13.35	NO	TOOL STEEL	2020	39.2
67859	Erasteel Inc	7227100000	Granted	6/3/2020	France	13.35	NO	TOOL STEEL	2020	39.2
67860	Erasteel Inc	7227100000	Granted	6/3/2020	Sweden	17.85	NO	TOOL STEEL	2020	1.2
67860	Erasteel Inc	7227100000	Granted	6/3/2020	Sweden	17.85	NO	TOOL STEEL	2020	1.2
67860	Erasteel Inc	7227100000	Granted	6/3/2020	France	17.85	NO	TOOL STEEL	2020	1.2
67860	Erasteel Inc	7227100000	Granted	6/3/2020	France	17.85	NO	TOOL STEEL	2020	1.2
67860	Erasteel Inc	7227100000	Granted	6/3/2020	France	17.85	NO	TOOL STEEL	2020	1.2

67860	Erasteel Inc	7227100000	Granted	6/3/2020	France	17.85	NO	TOOL STEEL	2020	1.2
67861	Erasteel Inc	7227100000	Granted	9/3/2020	Sweden	16.85	NO	TOOL STEEL	2020	2.4
67861	Erasteel Inc	7227100000	Granted	9/3/2020	Sweden	16.85	NO	TOOL STEEL	2020	2.4
67861	Erasteel Inc	7227100000	Granted	9/3/2020	France	16.85	NO	TOOL STEEL	2020	2.4
67861	Erasteel Inc	7227100000	Granted	9/3/2020	France	16.85	NO	TOOL STEEL	2020	2.4
67861	Erasteel Inc	7227100000	Granted	9/3/2020	France	16.85	NO	TOOL STEEL	2020	2.4
67861	Erasteel Inc	7227100000	Granted	9/3/2020	France	16.85	NO	TOOL STEEL	2020	2.4
67866	Erasteel Inc	7227100000	Granted	6/3/2020	Sweden	5.35	NO	TOOL STEEL	2020	12.3
67866	Erasteel Inc	7227100000	Granted	6/3/2020	Sweden	5.35	NO	TOOL STEEL	2020	12.3
67866	Erasteel Inc	7227100000	Granted	6/3/2020	France	5.35	NO	TOOL STEEL	2020	12.3
67866	Erasteel Inc	7227100000	Granted	6/3/2020	France	5.35	NO	TOOL STEEL	2020	12.3
67866	Erasteel Inc	7227100000	Granted	6/3/2020	France	5.35	NO	TOOL STEEL	2020	12.3
67866	Erasteel Inc	7227100000	Granted	6/3/2020	France	5.35	NO	TOOL STEEL	2020	12.3
67867	Erasteel Inc	7227902060	Granted	6/3/2020	Sweden	9.35	NO	TOOL STEEL	2020	2.3
67867	Erasteel Inc	7227902060	Granted	6/3/2020	Sweden	9.35	NO	TOOL STEEL	2020	2.3
67867	Erasteel Inc	7227902060	Granted	6/3/2020	France	9.35	NO	TOOL STEEL	2020	2.3
67867	Erasteel Inc	7227902060	Granted	6/3/2020	France	9.35	NO	TOOL STEEL	2020	2.3
67867	Erasteel Inc	7227902060	Granted	6/3/2020	France	9.35	NO	TOOL STEEL	2020	2.3
67867	Erasteel Inc	7227902060	Granted	6/3/2020	France	9.35	NO	TOOL STEEL	2020	2.3
67868	Erasteel Inc	7227100000	Granted	6/3/2020	Sweden	20.15	NO	TOOL STEEL	2020	17.1
67868	Erasteel Inc	7227100000	Granted	6/3/2020	Sweden	20.15	NO	TOOL STEEL	2020	17.1
67868	Erasteel Inc	7227100000	Granted	6/3/2020	France	20.15	NO	TOOL STEEL	2020	17.1
67868	Erasteel Inc	7227100000	Granted	6/3/2020	France	20.15	NO	TOOL STEEL	2020	17.1
67868	Erasteel Inc	7227100000	Granted	6/3/2020	France	20.15	NO	TOOL STEEL	2020	17.1
67868	Erasteel Inc	7227100000	Granted	6/3/2020	France	20.15	NO	TOOL STEEL	2020	17.1
67870	Erasteel Inc	7227902060	Granted	6/3/2020	Sweden	10.35	NO	TOOL STEEL	2020	5.0
67870	Erasteel Inc	7227902060	Granted	6/3/2020	Sweden	10.35	NO	TOOL STEEL	2020	5.0
67870	Erasteel Inc	7227902060	Granted	6/3/2020	France	10.35	NO	TOOL STEEL	2020	5.0
67870	Erasteel Inc	7227902060	Granted	6/3/2020	France	10.35	NO	TOOL STEEL	2020	5.0
67870	Erasteel Inc	7227902060	Granted	6/3/2020	France	10.35	NO	TOOL STEEL	2020	5.0
67870	Erasteel Inc	7227902060	Granted	6/3/2020	France	10.35	NO	TOOL STEEL	2020	5.0
67871	Erasteel Inc	7227902060	Granted	6/3/2020	Sweden	11.35	NO	TOOL STEEL	2020	2.3
67871	Erasteel Inc	7227902060	Granted	6/3/2020	Sweden	11.35	NO	TOOL STEEL	2020	2.3
67871	Erasteel Inc	7227902060	Granted	6/3/2020	France	11.35	NO	TOOL STEEL	2020	2.3
67871	Erasteel Inc	7227902060	Granted	6/3/2020	France	11.35	NO	TOOL STEEL	2020	2.3
67871	Erasteel Inc	7227902060	Granted	6/3/2020	France	11.35	NO	TOOL STEEL	2020	2.3
67871	Erasteel Inc	7227902060	Granted	6/3/2020	France	11.35	NO	TOOL STEEL	2020	2.3
67874	Erasteel Inc	7227902060	Granted	6/3/2020	Sweden	12.35	NO	TOOL STEEL	2020	1.5

67874	Erasteel Inc	7227902060	Granted	6/3/2020	Sweden	12.35	NO	TOOL STEEL	2020	1.5
67874	Erasteel Inc	7227902060	Granted	6/3/2020	France	12.35	NO	TOOL STEEL	2020	1.5
67874	Erasteel Inc	7227902060	Granted	6/3/2020	France	12.35	NO	TOOL STEEL	2020	1.5
67874	Erasteel Inc	7227902060	Granted	6/3/2020	France	12.35	NO	TOOL STEEL	2020	1.5
67874	Erasteel Inc	7227902060	Granted	6/3/2020	France	12.35	NO	TOOL STEEL	2020	1.5
67876	Erasteel Inc	7227902060	Granted	6/3/2020	Sweden	18.65	NO	TOOL STEEL	2020	1.9
67876	Erasteel Inc	7227902060	Granted	6/3/2020	Sweden	18.65	NO	TOOL STEEL	2020	1.9
67876	Erasteel Inc	7227902060	Granted	6/3/2020	France	18.65	NO	TOOL STEEL	2020	1.9
67876	Erasteel Inc	7227902060	Granted	6/3/2020	France	18.65	NO	TOOL STEEL	2020	1.9
67876	Erasteel Inc	7227902060	Granted	6/3/2020	France	18.65	NO	TOOL STEEL	2020	1.9
67876	Erasteel Inc	7227902060	Granted	6/3/2020	France	18.65	NO	TOOL STEEL	2020	1.9
67879	Erasteel Inc	7227902060	Granted	6/3/2020	Sweden	19.55	NO	TOOL STEEL	2020	1.2
67879	Erasteel Inc	7227902060	Granted	6/3/2020	Sweden	19.55	NO	TOOL STEEL	2020	1.2
67879	Erasteel Inc	7227902060	Granted	6/3/2020	France	19.55	NO	TOOL STEEL	2020	1.2
67879	Erasteel Inc	7227902060	Granted	6/3/2020	France	19.55	NO	TOOL STEEL	2020	1.2
67879	Erasteel Inc	7227902060	Granted	6/3/2020	France	19.55	NO	TOOL STEEL	2020	1.2
67879	Erasteel Inc	7227902060	Granted	6/3/2020	France	19.55	NO	TOOL STEEL	2020	1.2
67881	Erasteel Inc	7227902060	Granted	6/3/2020	Sweden	20.15	NO	TOOL STEEL	2020	2.3
67881	Erasteel Inc	7227902060	Granted	6/3/2020	Sweden	20.15	NO	TOOL STEEL	2020	2.3
67881	Erasteel Inc	7227902060	Granted	6/3/2020	France	20.15	NO	TOOL STEEL	2020	2.3
67881	Erasteel Inc	7227902060	Granted	6/3/2020	France	20.15	NO	TOOL STEEL	2020	2.3
67881	Erasteel Inc	7227902060	Granted	6/3/2020	France	20.15	NO	TOOL STEEL	2020	2.3
67881	Erasteel Inc	7227902060	Granted	6/3/2020	France	20.15	NO	TOOL STEEL	2020	2.3
68383	TN Americas Holding, Inc. (TN Georgia, Inc.)	7227902060	Granted	11/3/2020	Japan	5.2	NO	BALL BEARING STEEL	2020	45.4
68393	TN Americas Holding, Inc. (TN Georgia, Inc.)	7227902060	Granted	10/3/2020	Japan	6.7	NO	BALL BEARING STEEL	2020	45.4
68399	TN Americas Holding, Inc. (TN Georgia, Inc.)	7227902060	Granted	11/3/2020	Japan	6.9	NO	BALL BEARING STEEL	2020	680.4
68400	TN Americas Holding, Inc. (TN Georgia, Inc.)	7227902060	Granted	10/3/2020	Japan	7.4	NO	BALL BEARING STEEL	2020	453.6
68402	TN Americas Holding, Inc. (TN Georgia, Inc.)	7227902060	Granted	10/3/2020	Japan	5.7	NO	BALL BEARING STEEL	2020	45.4
68404	TN Americas Holding, Inc. (TN Georgia, Inc.)	7227902060	Granted	10/3/2020	Japan	7.9	NO	BALL BEARING STEEL	2020	453.6
68405	TN Americas Holding, Inc. (TN Georgia, Inc.)	7227902060	Granted	11/3/2020	Japan	8.7	NO	BALL BEARING STEEL	2020	453.6
68406	TN Americas Holding, Inc. (TN Georgia, Inc.)	7227902060	Granted	10/3/2020	Japan	9	NO	BALL BEARING STEEL	2020	226.8
68408	TN Americas Holding, Inc. (TN Georgia, Inc.)	7227902060	Granted	11/3/2020	Japan	9.7	NO	BALL BEARING STEEL	2020	362.9
68411	TN Americas Holding, Inc. (TN Georgia, Inc.)	7227902060	Granted	11/3/2020	Japan	10.7	NO	BALL BEARING STEEL	2020	1,360.8
68412	TN Americas Holding, Inc. (TN Georgia, Inc.)	7227902060	Granted	10/3/2020	Japan	11.7	NO	BALL BEARING STEEL	2020	907.2
68413	TN Americas Holding, Inc. (TN Georgia, Inc.)	7227902060	Granted	11/3/2020	Japan	12.7	NO	BALL BEARING STEEL	2020	680.4
68414	TN Americas Holding, Inc. (TN Georgia, Inc.)	7227902060	Granted	10/3/2020	Japan	13.7	NO	BALL BEARING STEEL	2020	1,088.6
68751	Grand Blanc Processing, L.L.C.	7227906010	Granted	11/3/2020	Japan	6.1	YES	MICROALLOY CHQ (MEXICO CAN MAK	2020	100.0
68756	Grand Blanc Processing, L.L.C.	7227906010	Granted	11/3/2020	Japan	7.9	YES	MICROALLOY CHQ (MEXICO CAN MAK	2020	88.0

68840	Erasteel Inc	7227100000	Granted	11/3/2020	Sweden	17.85	NO	TOOL STEEL	2020	1.2
68840	Erasteel Inc	7227100000	Granted	11/3/2020	Sweden	17.85	NO	TOOL STEEL	2020	1.2
68840	Erasteel Inc	7227100000	Granted	11/3/2020	France	17.85	NO	TOOL STEEL	2020	1.2
68840	Erasteel Inc	7227100000	Granted	11/3/2020	France	17.85	NO	TOOL STEEL	2020	1.2
68840	Erasteel Inc	7227100000	Granted	11/3/2020	France	17.85	NO	TOOL STEEL	2020	1.2
68840	Erasteel Inc	7227100000	Granted	11/3/2020	France	17.85	NO	TOOL STEEL	2020	1.2
68848	Erasteel Inc	7227100000	Granted	11/3/2020	Sweden	6.85	NO	TOOL STEEL	2020	2.2
68848	Erasteel Inc	7227100000	Granted	11/3/2020	Sweden	6.85	NO	TOOL STEEL	2020	2.2
68848	Erasteel Inc	7227100000	Granted	11/3/2020	France	6.85	NO	TOOL STEEL	2020	2.2
68848	Erasteel Inc	7227100000	Granted	11/3/2020	France	6.85	NO	TOOL STEEL	2020	2.2
68848	Erasteel Inc	7227100000	Granted	11/3/2020	France	6.85	NO	TOOL STEEL	2020	2.2
68848	Erasteel Inc	7227100000	Granted	11/3/2020	France	6.85	NO	TOOL STEEL	2020	2.2
68849	Erasteel Inc	7227100000	Granted	11/3/2020	Sweden	9.85	NO	TOOL STEEL	2020	4.0
68849	Erasteel Inc	7227100000	Granted	11/3/2020	Sweden	9.85	NO	TOOL STEEL	2020	4.0
68849	Erasteel Inc	7227100000	Granted	11/3/2020	France	9.85	NO	TOOL STEEL	2020	4.0
68849	Erasteel Inc	7227100000	Granted	11/3/2020	France	9.85	NO	TOOL STEEL	2020	4.0
68849	Erasteel Inc	7227100000	Granted	11/3/2020	France	9.85	NO	TOOL STEEL	2020	4.0
68849	Erasteel Inc	7227100000	Granted	11/3/2020	France	9.85	NO	TOOL STEEL	2020	4.0
68850	Erasteel Inc	7227100000	Granted	11/3/2020	Sweden	12.35	NO	TOOL STEEL	2020	2.2
68850	Erasteel Inc	7227100000	Granted	11/3/2020	Sweden	12.35	NO	TOOL STEEL	2020	2.2
68850	Erasteel Inc	7227100000	Granted	11/3/2020	France	12.35	NO	TOOL STEEL	2020	2.2
68850	Erasteel Inc	7227100000	Granted	11/3/2020	France	12.35	NO	TOOL STEEL	2020	2.2
68850	Erasteel Inc	7227100000	Granted	11/3/2020	France	12.35	NO	TOOL STEEL	2020	2.2
68850	Erasteel Inc	7227100000	Granted	11/3/2020	France	12.35	NO	TOOL STEEL	2020	2.2
68852	Erasteel Inc	7227100000	Granted	11/3/2020	Sweden	15.35	NO	TOOL STEEL	2020	1.3
68852	Erasteel Inc	7227100000	Granted	11/3/2020	Sweden	15.35	NO	TOOL STEEL	2020	1.3
68852	Erasteel Inc	7227100000	Granted	11/3/2020	France	15.35	NO	TOOL STEEL	2020	1.3
68852	Erasteel Inc	7227100000	Granted	11/3/2020	France	15.35	NO	TOOL STEEL	2020	1.3
68852	Erasteel Inc	7227100000	Granted	11/3/2020	France	15.35	NO	TOOL STEEL	2020	1.3
68852	Erasteel Inc	7227100000	Granted	11/3/2020	France	15.35	NO	TOOL STEEL	2020	1.3
68853	Erasteel Inc	7227100000	Granted	11/3/2020	Sweden	5.85	NO	TOOL STEEL	2020	20.2
68853	Erasteel Inc	7227100000	Granted	11/3/2020	Sweden	5.85	NO	TOOL STEEL	2020	20.2
68853	Erasteel Inc	7227100000	Granted	11/3/2020	France	5.85	NO	TOOL STEEL	2020	20.2
68853	Erasteel Inc	7227100000	Granted	11/3/2020	France	5.85	NO	TOOL STEEL	2020	20.2
68853	Erasteel Inc	7227100000	Granted	11/3/2020	France	5.85	NO	TOOL STEEL	2020	20.2
68853	Erasteel Inc	7227100000	Granted	11/3/2020	France	5.85	NO	TOOL STEEL	2020	20.2
68854	Erasteel Inc	7227100000	Granted	11/3/2020	Sweden	19.55	NO	TOOL STEEL	2020	2.9
68854	Erasteel Inc	7227100000	Granted	11/3/2020	Sweden	19.55	NO	TOOL STEEL	2020	2.9

68854	Erasteel Inc	7227100000	Granted	11/3/2020	France		19.55	NO	TOOL STEEL	2020	2.9
68854	Erasteel Inc	7227100000	Granted	11/3/2020	France		19.55	NO	TOOL STEEL	2020	2.9
68854	Erasteel Inc	7227100000	Granted	11/3/2020	France		19.55	NO	TOOL STEEL	2020	2.9
68854	Erasteel Inc	7227100000	Granted	11/3/2020	France		19.55	NO	TOOL STEEL	2020	2.9
68856	Erasteel Inc	7227100000	Granted	11/3/2020	Sweden		9.35	NO	TOOL STEEL	2020	2.4
68856	Erasteel Inc	7227100000	Granted	11/3/2020	Sweden		9.35	NO	TOOL STEEL	2020	2.4
68856	Erasteel Inc	7227100000	Granted	11/3/2020	France		9.35	NO	TOOL STEEL	2020	2.4
68856	Erasteel Inc	7227100000	Granted	11/3/2020	France		9.35	NO	TOOL STEEL	2020	2.4
68856	Erasteel Inc	7227100000	Granted	11/3/2020	France		9.35	NO	TOOL STEEL	2020	2.4
68856	Erasteel Inc	7227100000	Granted	11/3/2020	France		9.35	NO	TOOL STEEL	2020	2.4
68969	Schaeffler Group USA Inc.	7227902030	Granted	11/3/2020	Japan		5.5	NO	BALL BEARING STEEL	2020	3,500.0
68974	Schaeffler Group USA Inc.	7227902030	Granted	11/3/2020	Japan		12	NO	BALL BEARING STEEL	2020	3,500.0
68979	Schaeffler Group USA Inc.	7227902030	Granted	11/3/2020	Japan	NA		NO	BALL BEARING STEEL	2020	600.0
69165	Erasteel Inc	7227100000	Granted	12/3/2020	Sweden		5.85	NO	TOOL STEEL	2020	5.7
69165	Erasteel Inc	7227100000	Granted	12/3/2020	Sweden		5.85	NO	TOOL STEEL	2020	5.7
69165	Erasteel Inc	7227100000	Granted	12/3/2020	France		5.85	NO	TOOL STEEL	2020	5.7
69165	Erasteel Inc	7227100000	Granted	12/3/2020	France		5.85	NO	TOOL STEEL	2020	5.7
69165	Erasteel Inc	7227100000	Granted	12/3/2020	France		5.85	NO	TOOL STEEL	2020	5.7
69165	Erasteel Inc	7227100000	Granted	12/3/2020	France		5.85	NO	TOOL STEEL	2020	5.7
69204	Metal One America, Inc.	7227901030	Granted	12/3/2020	Japan		7.3	NO	BALL BEARING STEEL	2020	1,000.0
69225	Metal One America, Inc.	7227901030	Granted	12/3/2020	Japan		8.3	NO	BALL BEARING STEEL	2020	1,500.0
69234	Erasteel Inc	7227100000	Granted	12/3/2020	Sweden		6.35	NO	TOOL STEEL	2020	4.1
69234	Erasteel Inc	7227100000	Granted	12/3/2020	Sweden		6.35	NO	TOOL STEEL	2020	4.1
69234	Erasteel Inc	7227100000	Granted	12/3/2020	France		6.35	NO	TOOL STEEL	2020	4.1
69234	Erasteel Inc	7227100000	Granted	12/3/2020	France		6.35	NO	TOOL STEEL	2020	4.1
69234	Erasteel Inc	7227100000	Granted	12/3/2020	France		6.35	NO	TOOL STEEL	2020	4.1
69234	Erasteel Inc	7227100000	Granted	12/3/2020	France		6.35	NO	TOOL STEEL	2020	4.1
69236	Erasteel Inc	7227100000	Granted	12/3/2020	Sweden		9.35	NO	TOOL STEEL	2020	13.1
69236	Erasteel Inc	7227100000	Granted	12/3/2020	Sweden		9.35	NO	TOOL STEEL	2020	13.1
69236	Erasteel Inc	7227100000	Granted	12/3/2020	France		9.35	NO	TOOL STEEL	2020	13.1
69236	Erasteel Inc	7227100000	Granted	12/3/2020	France		9.35	NO	TOOL STEEL	2020	13.1
69236	Erasteel Inc	7227100000	Granted	12/3/2020	France		9.35	NO	TOOL STEEL	2020	13.1
69236	Erasteel Inc	7227100000	Granted	12/3/2020	France		9.35	NO	TOOL STEEL	2020	13.1
69238	Erasteel Inc	7227100000	Granted	3/13/2020	Sweden		9.85	NO	TOOL STEEL	2020	61.6
69238	Erasteel Inc	7227100000	Granted	3/13/2020	Sweden		9.85	NO	TOOL STEEL	2020	61.6
69238	Erasteel Inc	7227100000	Granted	3/13/2020	France		9.85	NO	TOOL STEEL	2020	61.6
69238	Erasteel Inc	7227100000	Granted	3/13/2020	France		9.85	NO	TOOL STEEL	2020	61.6
69238	Erasteel Inc	7227100000	Granted	3/13/2020	France		9.85	NO	TOOL STEEL	2020	61.6

69238	Erasteel Inc	7227100000	Granted	3/13/2020	France	9.85	NO	TOOL STEEL	2020	61.6
69239	Erasteel Inc	7227100000	Granted	12/3/2020	Sweden	10.35	NO	TOOL STEEL	2020	15.1
69239	Erasteel Inc	7227100000	Granted	12/3/2020	Sweden	10.35	NO	TOOL STEEL	2020	15.1
69239	Erasteel Inc	7227100000	Granted	12/3/2020	France	10.35	NO	TOOL STEEL	2020	15.1
69239	Erasteel Inc	7227100000	Granted	12/3/2020	France	10.35	NO	TOOL STEEL	2020	15.1
69239	Erasteel Inc	7227100000	Granted	12/3/2020	France	10.35	NO	TOOL STEEL	2020	15.1
69239	Erasteel Inc	7227100000	Granted	12/3/2020	France	10.35	NO	TOOL STEEL	2020	15.1
69241	Erasteel Inc	7227100000	Granted	3/13/2020	Sweden	5.35	NO	TOOL STEEL	2020	12.7
69241	Erasteel Inc	7227100000	Granted	3/13/2020	Sweden	5.35	NO	TOOL STEEL	2020	12.7
69241	Erasteel Inc	7227100000	Granted	3/13/2020	France	5.35	NO	TOOL STEEL	2020	12.7
69241	Erasteel Inc	7227100000	Granted	3/13/2020	France	5.35	NO	TOOL STEEL	2020	12.7
69241	Erasteel Inc	7227100000	Granted	3/13/2020	France	5.35	NO	TOOL STEEL	2020	12.7
69241	Erasteel Inc	7227100000	Granted	3/13/2020	France	5.35	NO	TOOL STEEL	2020	12.7
69242	Erasteel Inc	7227100000	Granted	12/3/2020	Sweden	5.85	NO	TOOL STEEL	2020	3.3
69242	Erasteel Inc	7227100000	Granted	12/3/2020	Sweden	5.85	NO	TOOL STEEL	2020	3.3
69242	Erasteel Inc	7227100000	Granted	12/3/2020	France	5.85	NO	TOOL STEEL	2020	3.3
69242	Erasteel Inc	7227100000	Granted	12/3/2020	France	5.85	NO	TOOL STEEL	2020	3.3
69242	Erasteel Inc	7227100000	Granted	12/3/2020	France	5.85	NO	TOOL STEEL	2020	3.3
69242	Erasteel Inc	7227100000	Granted	12/3/2020	France	5.85	NO	TOOL STEEL	2020	3.3
69244	Erasteel Inc	7227100000	Granted	12/3/2020	Sweden	6.85	NO	TOOL STEEL	2020	22.9
69244	Erasteel Inc	7227100000	Granted	12/3/2020	Sweden	6.85	NO	TOOL STEEL	2020	22.9
69244	Erasteel Inc	7227100000	Granted	12/3/2020	France	6.85	NO	TOOL STEEL	2020	22.9
69244	Erasteel Inc	7227100000	Granted	12/3/2020	France	6.85	NO	TOOL STEEL	2020	22.9
69244	Erasteel Inc	7227100000	Granted	12/3/2020	France	6.85	NO	TOOL STEEL	2020	22.9
69244	Erasteel Inc	7227100000	Granted	12/3/2020	France	6.85	NO	TOOL STEEL	2020	22.9
69246	Erasteel Inc	7227100000	Granted	12/3/2020	Sweden	7.35	NO	TOOL STEEL	2020	1.2
69246	Erasteel Inc	7227100000	Granted	12/3/2020	Sweden	7.35	NO	TOOL STEEL	2020	1.2
69246	Erasteel Inc	7227100000	Granted	12/3/2020	France	7.35	NO	TOOL STEEL	2020	1.2
69246	Erasteel Inc	7227100000	Granted	12/3/2020	France	7.35	NO	TOOL STEEL	2020	1.2
69246	Erasteel Inc	7227100000	Granted	12/3/2020	France	7.35	NO	TOOL STEEL	2020	1.2
69246	Erasteel Inc	7227100000	Granted	12/3/2020	France	7.35	NO	TOOL STEEL	2020	1.2
69250	Erasteel Inc	7227100000	Granted	3/13/2020	Sweden	8.35	NO	TOOL STEEL	2020	7.4
69250	Erasteel Inc	7227100000	Granted	3/13/2020	Sweden	8.35	NO	TOOL STEEL	2020	7.4
69250	Erasteel Inc	7227100000	Granted	3/13/2020	France	8.35	NO	TOOL STEEL	2020	7.4
69250	Erasteel Inc	7227100000	Granted	3/13/2020	France	8.35	NO	TOOL STEEL	2020	7.4
69250	Erasteel Inc	7227100000	Granted	3/13/2020	France	8.35	NO	TOOL STEEL	2020	7.4
69250	Erasteel Inc	7227100000	Granted	3/13/2020	France	8.35	NO	TOOL STEEL	2020	7.4
69269	Erasteel Inc	7227100000	Granted	3/16/2020	Sweden	5.35	NO	TOOL STEEL	2020	6.2

69269	Erasteel Inc	7227100000	Granted	3/16/2020	Sweden	5.35	NO	TOOL STEEL	2020	6.2
69269	Erasteel Inc	7227100000	Granted	3/16/2020	France	5.35	NO	TOOL STEEL	2020	6.2
69269	Erasteel Inc	7227100000	Granted	3/16/2020	France	5.35	NO	TOOL STEEL	2020	6.2
69269	Erasteel Inc	7227100000	Granted	3/16/2020	France	5.35	NO	TOOL STEEL	2020	6.2
69269	Erasteel Inc	7227100000	Granted	3/16/2020	France	5.35	NO	TOOL STEEL	2020	6.2
69289	Erasteel Inc	7227100000	Granted	12/3/2020	Sweden	7.35	NO	TOOL STEEL	2020	6.2
69289	Erasteel Inc	7227100000	Granted	12/3/2020	Sweden	7.35	NO	TOOL STEEL	2020	6.2
69289	Erasteel Inc	7227100000	Granted	12/3/2020	France	7.35	NO	TOOL STEEL	2020	6.2
69289	Erasteel Inc	7227100000	Granted	12/3/2020	France	7.35	NO	TOOL STEEL	2020	6.2
69289	Erasteel Inc	7227100000	Granted	12/3/2020	France	7.35	NO	TOOL STEEL	2020	6.2
69289	Erasteel Inc	7227100000	Granted	12/3/2020	France	7.35	NO	TOOL STEEL	2020	6.2
69290	Erasteel Inc	7227100000	Granted	12/3/2020	Sweden	7.35	NO	TOOL STEEL	2020	6.2
69290	Erasteel Inc	7227100000	Granted	12/3/2020	Sweden	7.35	NO	TOOL STEEL	2020	6.2
69290	Erasteel Inc	7227100000	Granted	12/3/2020	France	7.35	NO	TOOL STEEL	2020	6.2
69290	Erasteel Inc	7227100000	Granted	12/3/2020	France	7.35	NO	TOOL STEEL	2020	6.2
69290	Erasteel Inc	7227100000	Granted	12/3/2020	France	7.35	NO	TOOL STEEL	2020	6.2
69290	Erasteel Inc	7227100000	Granted	12/3/2020	France	7.35	NO	TOOL STEEL	2020	6.2
69306	Erasteel Inc	7227100000	Granted	12/3/2020	Sweden	8.85	NO	TOOL STEEL	2020	3.1
69306	Erasteel Inc	7227100000	Granted	12/3/2020	Sweden	8.85	NO	TOOL STEEL	2020	3.1
69306	Erasteel Inc	7227100000	Granted	12/3/2020	France	8.85	NO	TOOL STEEL	2020	3.1
69306	Erasteel Inc	7227100000	Granted	12/3/2020	France	8.85	NO	TOOL STEEL	2020	3.1
69306	Erasteel Inc	7227100000	Granted	12/3/2020	France	8.85	NO	TOOL STEEL	2020	3.1
69306	Erasteel Inc	7227100000	Granted	12/3/2020	France	8.85	NO	TOOL STEEL	2020	3.1
69316	Erasteel Inc	7227100000	Granted	12/3/2020	Sweden	8.85	NO	TOOL STEEL	2020	18.8
69316	Erasteel Inc	7227100000	Granted	12/3/2020	Sweden	8.85	NO	TOOL STEEL	2020	18.8
69316	Erasteel Inc	7227100000	Granted	12/3/2020	France	8.85	NO	TOOL STEEL	2020	18.8
69316	Erasteel Inc	7227100000	Granted	12/3/2020	France	8.85	NO	TOOL STEEL	2020	18.8
69316	Erasteel Inc	7227100000	Granted	12/3/2020	France	8.85	NO	TOOL STEEL	2020	18.8
69316	Erasteel Inc	7227100000	Granted	12/3/2020	France	8.85	NO	TOOL STEEL	2020	18.8
69320	Erasteel Inc	7227100000	Granted	3/18/2020	Sweden	11.35	NO	TOOL STEEL	2020	1.3
69320	Erasteel Inc	7227100000	Granted	3/18/2020	Sweden	11.35	NO	TOOL STEEL	2020	1.3
69320	Erasteel Inc	7227100000	Granted	3/18/2020	France	11.35	NO	TOOL STEEL	2020	1.3
69320	Erasteel Inc	7227100000	Granted	3/18/2020	France	11.35	NO	TOOL STEEL	2020	1.3
69320	Erasteel Inc	7227100000	Granted	3/18/2020	France	11.35	NO	TOOL STEEL	2020	1.3
69320	Erasteel Inc	7227100000	Granted	3/18/2020	France	11.35	NO	TOOL STEEL	2020	1.3
69322	Erasteel Inc	7227100000	Granted	3/13/2020	Sweden	9.85	NO	TOOL STEEL	2020	1.6
69322	Erasteel Inc	7227100000	Granted	3/13/2020	Sweden	9.85	NO	TOOL STEEL	2020	1.6
69322	Erasteel Inc	7227100000	Granted	3/13/2020	France	9.85	NO	TOOL STEEL	2020	1.6

69322	Erasteel Inc	7227100000	Granted	3/13/2020	France	9.85	NO	TOOL STEEL	2020	1.6
69322	Erasteel Inc	7227100000	Granted	3/13/2020	France	9.85	NO	TOOL STEEL	2020	1.6
69322	Erasteel Inc	7227100000	Granted	3/13/2020	France	9.85	NO	TOOL STEEL	2020	1.6
69324	Erasteel Inc	7227100000	Granted	12/3/2020	Sweden	13.35	NO	TOOL STEEL	2020	4.4
69324	Erasteel Inc	7227100000	Granted	12/3/2020	Sweden	13.35	NO	TOOL STEEL	2020	4.4
69324	Erasteel Inc	7227100000	Granted	12/3/2020	France	13.35	NO	TOOL STEEL	2020	4.4
69324	Erasteel Inc	7227100000	Granted	12/3/2020	France	13.35	NO	TOOL STEEL	2020	4.4
69324	Erasteel Inc	7227100000	Granted	12/3/2020	France	13.35	NO	TOOL STEEL	2020	4.4
69324	Erasteel Inc	7227100000	Granted	12/3/2020	France	13.35	NO	TOOL STEEL	2020	4.4
69327	Erasteel Inc	7227100000	Granted	12/3/2020	Sweden	10.35	NO	TOOL STEEL	2020	24.5
69327	Erasteel Inc	7227100000	Granted	12/3/2020	Sweden	10.35	NO	TOOL STEEL	2020	24.5
69327	Erasteel Inc	7227100000	Granted	12/3/2020	France	10.35	NO	TOOL STEEL	2020	24.5
69327	Erasteel Inc	7227100000	Granted	12/3/2020	France	10.35	NO	TOOL STEEL	2020	24.5
69327	Erasteel Inc	7227100000	Granted	12/3/2020	France	10.35	NO	TOOL STEEL	2020	24.5
69327	Erasteel Inc	7227100000	Granted	12/3/2020	France	10.35	NO	TOOL STEEL	2020	24.5
69332	Erasteel Inc	7227100000	Granted	12/3/2020	Sweden	16.85	NO	TOOL STEEL	2020	2.7
69332	Erasteel Inc	7227100000	Granted	12/3/2020	Sweden	16.85	NO	TOOL STEEL	2020	2.7
69332	Erasteel Inc	7227100000	Granted	12/3/2020	France	16.85	NO	TOOL STEEL	2020	2.7
69332	Erasteel Inc	7227100000	Granted	12/3/2020	France	16.85	NO	TOOL STEEL	2020	2.7
69332	Erasteel Inc	7227100000	Granted	12/3/2020	France	16.85	NO	TOOL STEEL	2020	2.7
69332	Erasteel Inc	7227100000	Granted	12/3/2020	France	16.85	NO	TOOL STEEL	2020	2.7
69333	Erasteel Inc	7227100000	Granted	3/13/2020	Sweden	10.85	NO	TOOL STEEL	2020	2.5
69333	Erasteel Inc	7227100000	Granted	3/13/2020	Sweden	10.85	NO	TOOL STEEL	2020	2.5
69333	Erasteel Inc	7227100000	Granted	3/13/2020	France	10.85	NO	TOOL STEEL	2020	2.5
69333	Erasteel Inc	7227100000	Granted	3/13/2020	France	10.85	NO	TOOL STEEL	2020	2.5
69333	Erasteel Inc	7227100000	Granted	3/13/2020	France	10.85	NO	TOOL STEEL	2020	2.5
69333	Erasteel Inc	7227100000	Granted	3/13/2020	France	10.85	NO	TOOL STEEL	2020	2.5
69334	Erasteel Inc	7227100000	Granted	12/3/2020	Sweden	18.65	NO	TOOL STEEL	2020	1.3
69334	Erasteel Inc	7227100000	Granted	12/3/2020	Sweden	18.65	NO	TOOL STEEL	2020	1.3
69334	Erasteel Inc	7227100000	Granted	12/3/2020	France	18.65	NO	TOOL STEEL	2020	1.3
69334	Erasteel Inc	7227100000	Granted	12/3/2020	France	18.65	NO	TOOL STEEL	2020	1.3
69334	Erasteel Inc	7227100000	Granted	12/3/2020	France	18.65	NO	TOOL STEEL	2020	1.3
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69365	Erasteel Inc	7227100000	Granted	12/3/2020	France	12.35	NO	TOOL STEEL	2020	2.5
69370	Shinsho American Corporation	7227902060	Granted	12/3/2020	Japan	7.85	NO	BALL BEARING STEEL	2020	149.2
69379	Shinsho American Corporation	7227902060	Granted	12/3/2020	Japan	8.85	NO	BALL BEARING STEEL	2020	328.7
69386	Metal One America, Inc.	7227901030	Granted	12/3/2020	Japan	9.5	NO	BALL BEARING STEEL	2020	1,500.0
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69411	Metal One America, Inc.	7227901030	Granted	3/18/2020	Japan	10	NO	BALL BEARING STEEL	2020	1,500.0

Exhibit 2

Exhibit is Not Susceptible to Public Summary

Exhibit 3

Exhibit is Not Susceptible to Public Summary

Exhibit 4

Exhibit is Not Susceptible to Public Summary

Exhibit 5

HISTORY

Charter Steel is a member of Charter Manufacturing, a privately owned family of companies that has adhered to a simple, successful formula for three generations: "Do something different and do it right to achieve the highest quality product."

This "Charter Philosophy" began in the early 1900s with Alfred Mellowes, who designed the revolutionary iceless refrigerator later to be known as Frigidaire. Alfred sold the concept to William Durant, the father of General Motors, and then entered the lock washer business by founding the Milwaukee Lock Washer Company. Five years later he sold the business only to start another new business, Charter Wire, to supply the Milwaukee Lock Washer Company with steel wire. Alfred's son, Charles N. Mellowes, was named to lead Charter Wire.

The second current member of the Charter Manufacturing Family – Charter Automotive – was established in 1948 as Milwaukee Wire Products. It soon became the nation's largest manufacturer of fluid-level indicators and a major supplier of intravenous bottle holders, auto trunk latches and other metal components. The rapid growth of both Charter Wire and Milwaukee Wire required a reliable supply of steel. John Mellowes, Alfred's grandson, and Charter's current CEO, decided to integrate vertically.

In 1978, John Mellowes formed Charter Rolling, which specialized in servicing the cold-heading and cold-forming markets. It became the first mill in the world to produce 4 millimeter wire rod. The establishment of Charter Electrical Melting in 1981 completed the vertical integration initiative. In 1985, Charter Steel opened a state-of-the-art processing plant for cleaning, coating, annealing and wire drawing.

In 1991, Charter Steel built a melt shop in Saukville, creating a completely integrated mini mill at one site. Throughout the 1990s, Charter continued its expansion into high-quality and niche markets and continuously expanded its melt shop, rolling mill and processing facilities.

Charter Steel continually looks for new ways to better serve existing and potential customers. In November 2000, it opened a full-service processing and distribution facility near Toledo, Ohio, to better serve its customers.

In 2002, Charter Steel purchased the American Steel and Wire division of Birmingham Steel to significantly increase its coil-making capacity and provide customers with a wide range of products. Providing customers with the exact steel they want, exactly when and exactly where they want it.

In 2006, Charter Steel started up a brand new melt shop in Cleveland, Ohio to complement the rolling mill by supplying high quality billets produced by modern equipment and processes to support our customers most demanding applications.

Exhibit 6

SteeLinC™ NEW STEEL AGE

XSTEELIA™ Catalyst for Steel Innovation

Small Diameter Wire Rods

Our "small diameter wire rods" are rod products with a diameter of 5.0mm or less, and their high-volume production was made possible by our proprietary technologies.

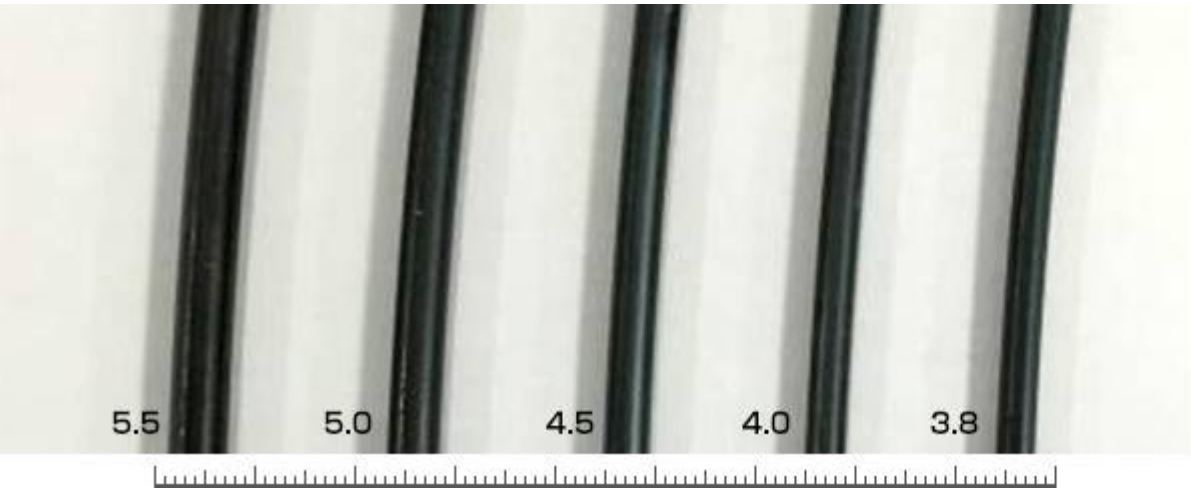
By using these products, drastic reductions in many secondary processes can be realized, and the resulting benefits for customers will be fully recognized particularly in manufacturing fine-drawn wire. These products, applicable to wide-ranging steel types including wire rods for steel cord, are supplied from Kamaishi Works and Kimitsu Works to customers in Japan and all around the world.
At Kamaishi Works, which has various types of product test equipment such as wire drawing machines and heat treaters, customer support services are provided to satisfy the needs of individual users such as pre-shipment material evaluation.

Available diameters

※ Wire diameter classification		General wire rods	Small diameter wire rods			
Diameter (mm)		5.5	5.0	4.5	4.0	3.8
	Muroran Works	○				

TOP

Wire diameter classification		General wire rods	Small diameter wire rods			
Available diameters	Yawata Works	○				
	Kimitsu Works	○	○			
	Kamaishi Works	○	○	○	○	○



＊Contact us before ordering 3.6mm-diameter products.

＊Heavy weight coils are not available at present.

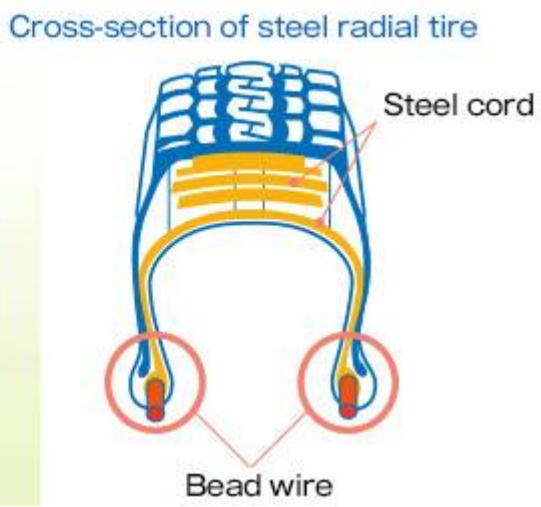
10.0mm

Examples of steel types / applications

Steel types	Applications
Wire rods for saw wire	Saw wire

TOP

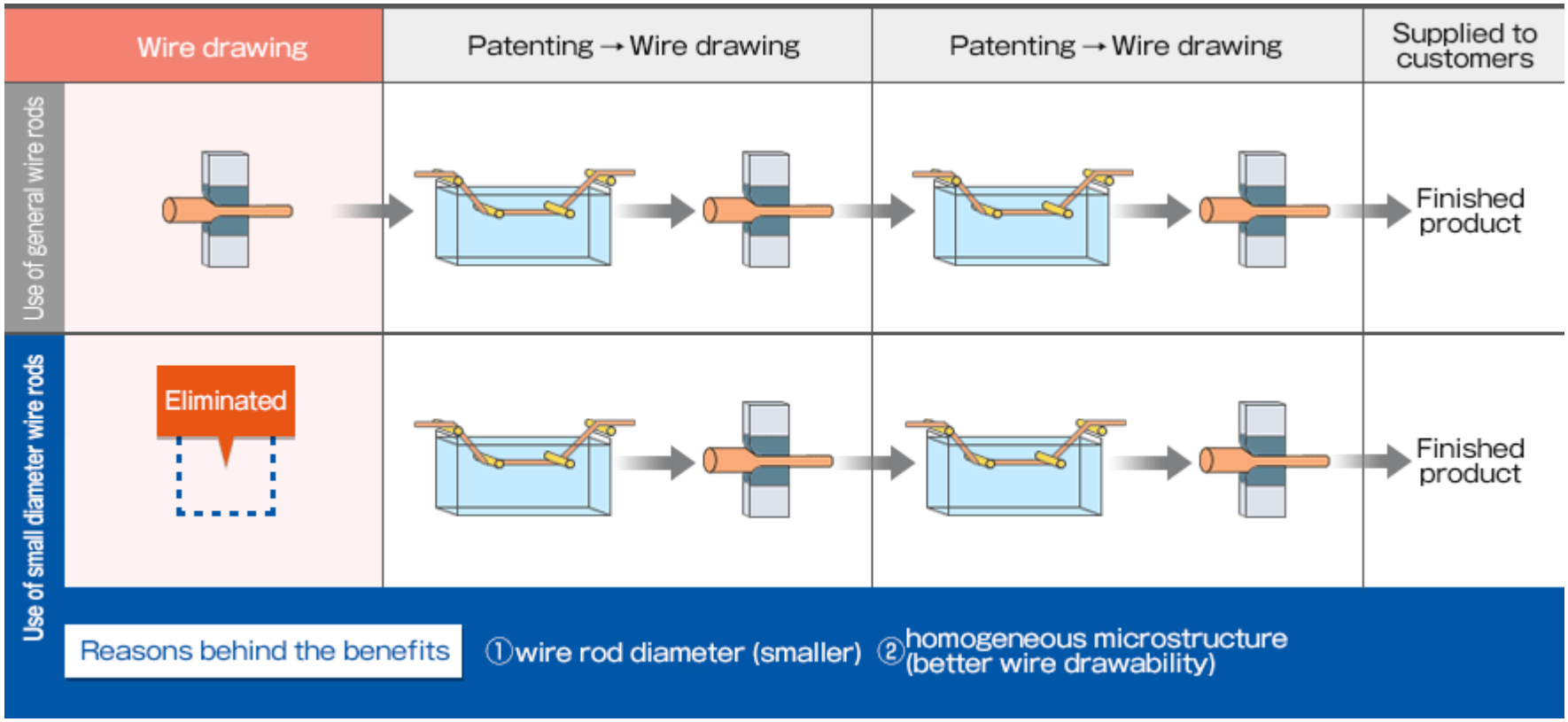
Steel types	Applications
Wire rods for steel cord	Steel cord for tires
Wire rods for piano wire	Control cable and the like
Wire rods for hard steel wire	Bead wire and the like
Wire rods for welding materials	Welding electrodes



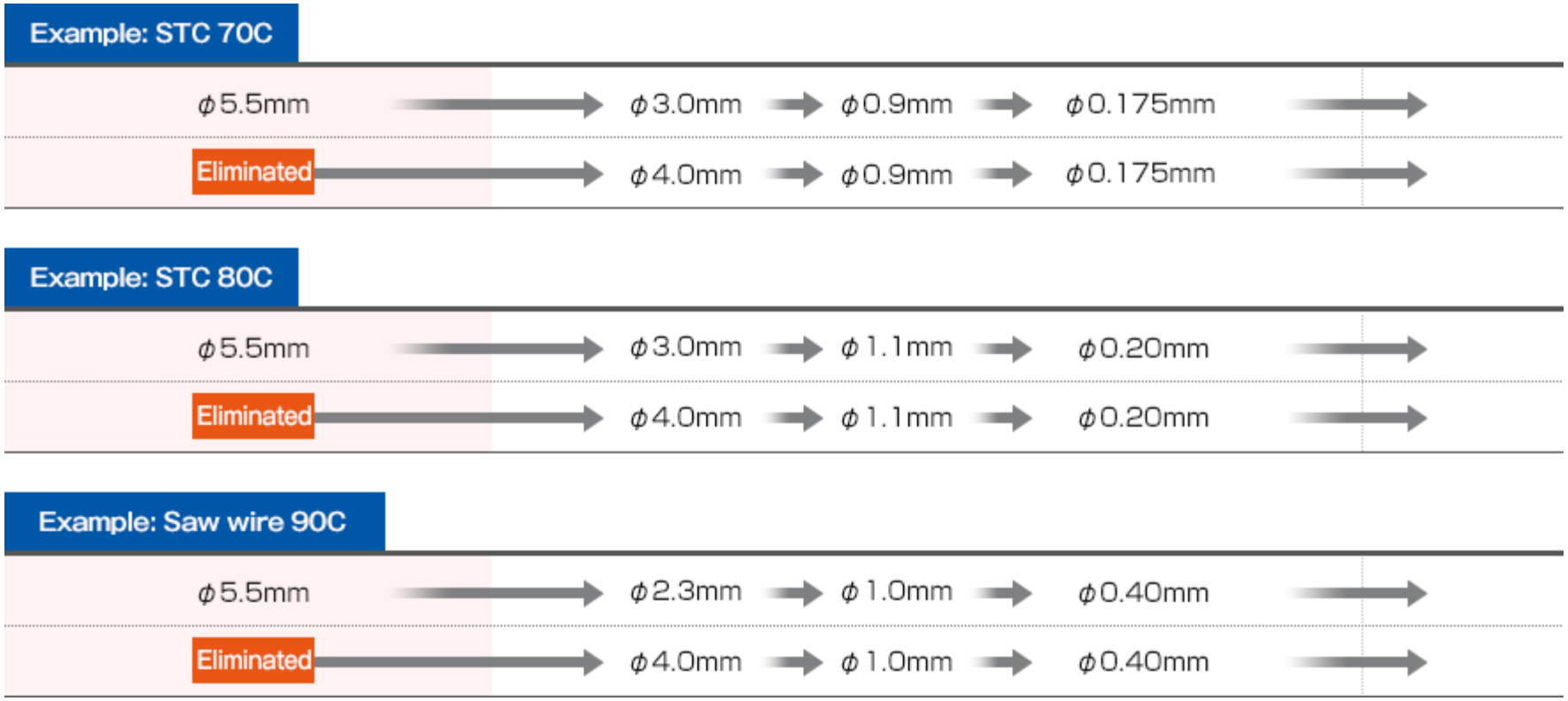
Examples of eliminated secondary processes (benefits for customers)

Examples in steel cord and saw wire applications

TOP


Wire drawing
Patenting → Wire drawing
Patenting → Wire drawing
Supplied to customers
Use of general wire rods
Finished product
Use of small diameter wire rods
Eliminated
Finished product
Reasons behind the benefits
①wire rod diameter (smaller)
②homogeneous microstructure (better wire drawability)

TOP



Benefits for customers

▼

Low cost

Possible elimination of patenting and wire drawing processes

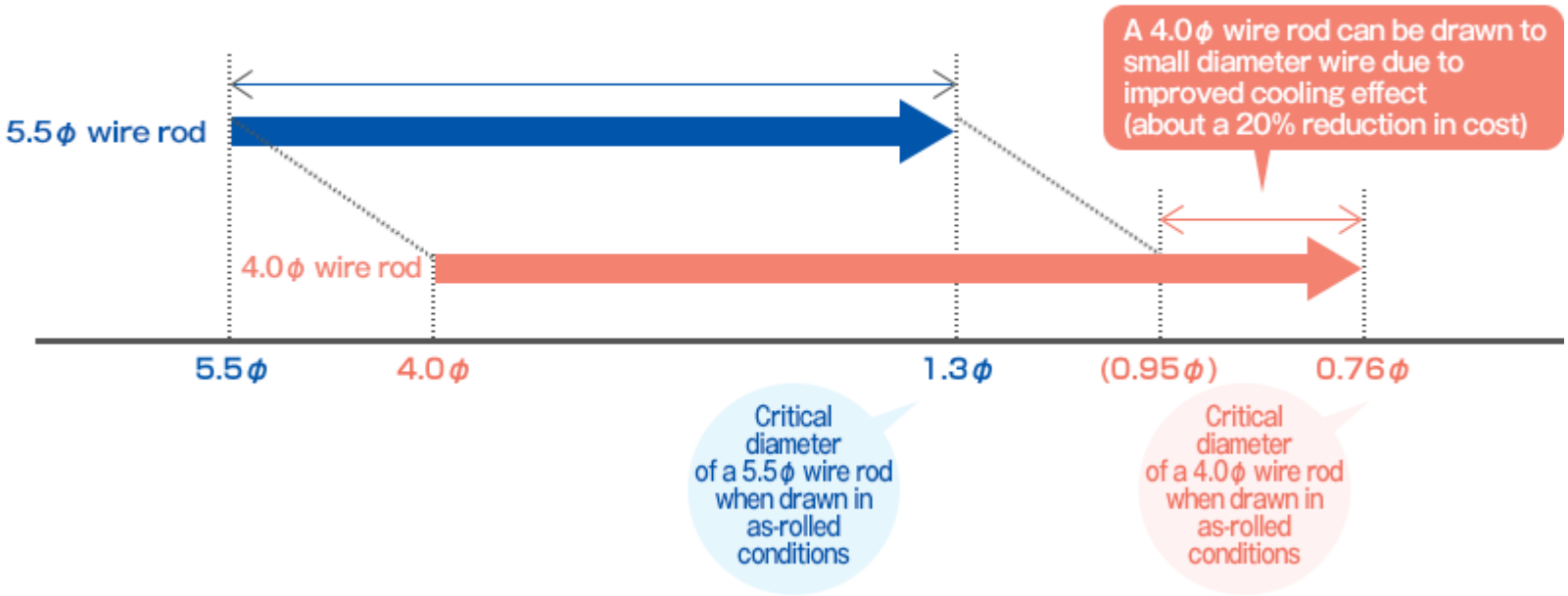
TOP

Evaluation data (detailed descriptions about the "reasons behind the benefits")

Improved cooling effect due to smaller wire rod diameters

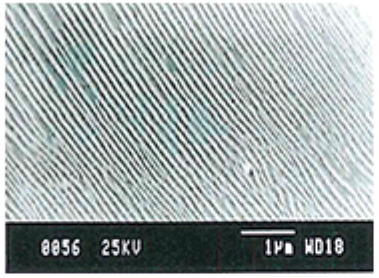
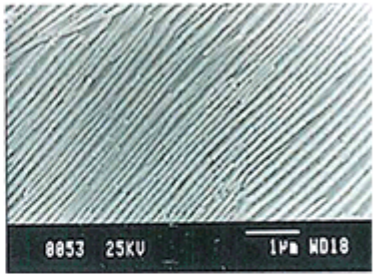
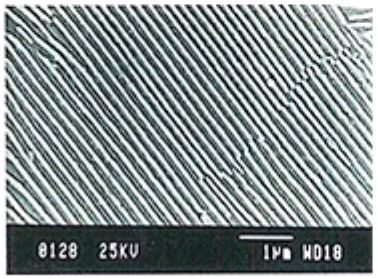
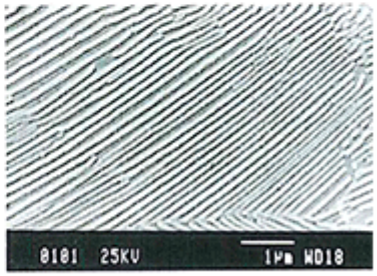
Improved cooling effect during wire rod rolling → homogeneous microstructure, → grain refinement
Improved cooling effect during wire drawing → aging control, cementite separation control

(Example: 82C)



Microstructure cross-sections (examples of 82C)

TOP

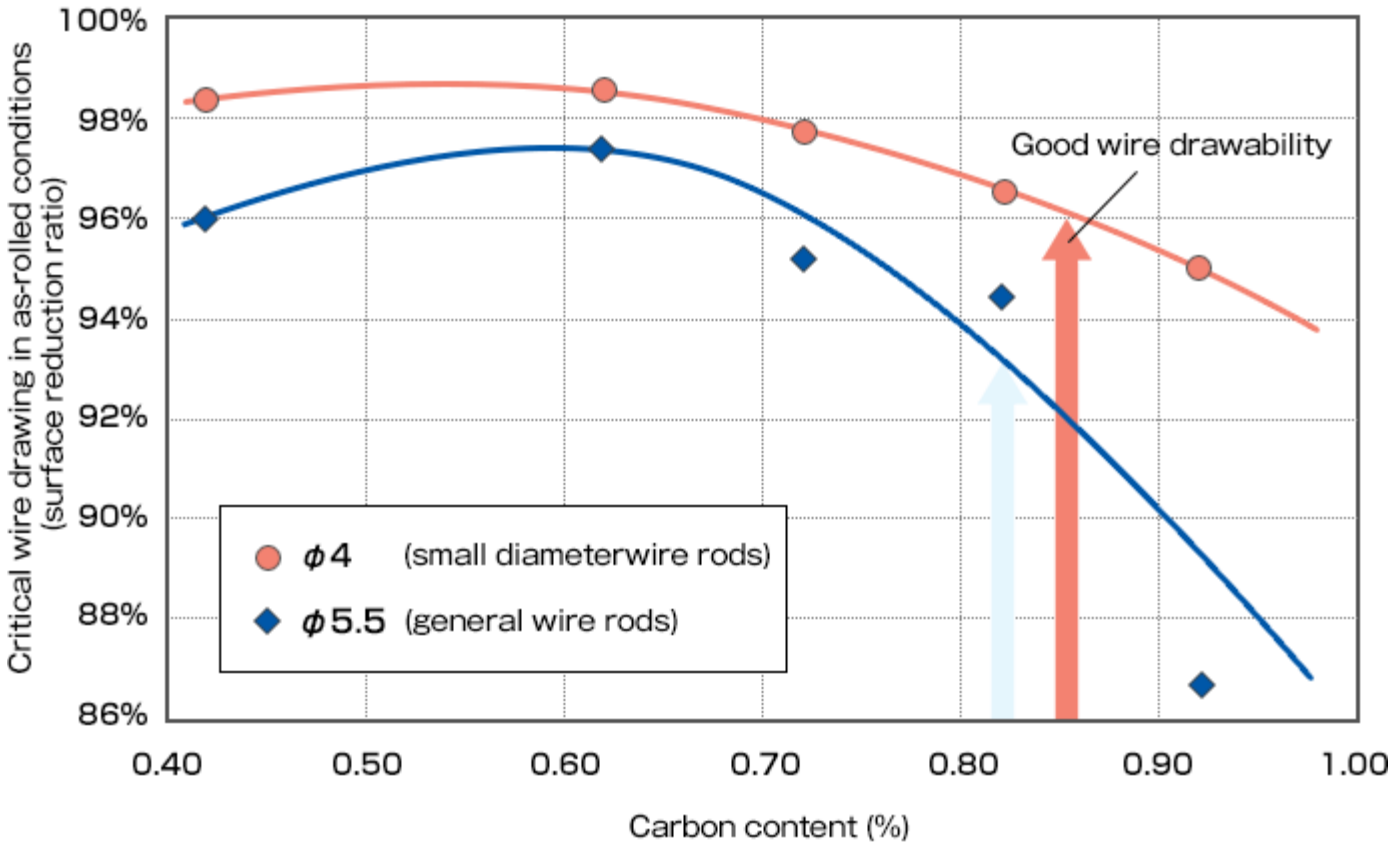
	5.5mm wire rods	4.0mm wire rods
Surface	 (L.S 0.12μm)	 (L.S 0.13μm)
Center	 (L.S 0.15μm)	 (L.S 0.13μm)

＊These cross-sections were taken by NSSMC

Example: Critical wire drawing vs. carbon content

Improved wire drawability due to enhanced cooling effect

TOP



※Judgment criteria for critical wire drawing: (1) drawing rate ≥35%, (2) twisting value ≥25% (l=100d), (3) unwinding test ≥90% success rate (after 8 automatic windings)

NIPPON STEEL & SUMITOMO METAL

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Exhibit 7

Dumping cases in Mexico (Downstream Wire Products)

Product	Country	Next sunset	Yeas the duty has been in place	Status
Hexagonal Mesh	CHINA $0.45 USD / kilogram	25-July-2022	20 years	**Current AD Duty**
Welded Chain	CHINA $0.50 USD / kilogram	17-Jul-23	20 years	**Current AD Duty**
Square Mesh	CHINA $2.08 USD / kilogram	29-September-2019 Validity exam begins this year	5 years	**Ongoing Sunset**
Cables	CHINA $2.58 U1SD / kilogram	16-December-2019 Validity exam begins this year	5 years	**Ongoing Sunset**
Nails for Concrete	CHINA $0.54 USD / kilogram	30-November-2019 Validity exam begins this year	15 years	**Ongoing Sunset**
Pre-stress steel products (PC strand and Wire)	CHINA $1.02 USD / kilogram SPAIN $.13 USD / kilogram PORTUGAL $.40 USD / kilogram	12-Feb-21	5 years	**Current AD Duty**

Dumping cases in Mexico (Steel Mill products)

Product	Country	Next sunset	Yeas the duty has been in place	Status
Rebar	BRAZIL 57.69%	12-August-2020	25 years	**Current AD Duty**
Wire Rod	UKRAINE 41%	19-September-2020	20 years	**Current AD Duty**
Wire Rod	CHINA $0.49 USD / kilogram	28-Jul-21	5 years	**Current AD Duty**

Exhibit 8

INSIDE U.S. TRADE'S
WORLD TRADE ONLINE
worldwide coverage of the latest trade news and developments

U.S. discussing steel, aluminum import surges with Mexico and Canada

June 18, 2020 at 10:39 AM

Tweet

The U.S., Mexico and Canada are discussing ways to address recent surges in steel and aluminum imports into the U.S., U.S. Trade Representative Robert Lighthizer told lawmakers on Wednesday, noting that a 2019 arrangement allows for the re-imposition of steep tariffs if consultations fail.

"There have been surges in steel and aluminum, substantially from Canada, some from Mexico," Lighthizer said during a June 17 Senate Finance Committee hearing on the administration's 2020 trade agenda.

The U.S. in May 2019 agreed to eliminate Section 232 tariffs on steel and aluminum from Canada and Mexico in exchange for the repeal of retaliatory duties on U.S. goods. However, all parties retained the authority to re-impose tariffs if imports surged and consultations failed.

The countries negotiated the agreement for more than a year. "In the event that imports of aluminum or steel products surge meaningfully beyond historic volumes of trade over a period of time, with consideration of market share, the importing country may request consultations with the exporting country," they said in a 2019 joint statement. "After such consultations, the importing party may impose duties of 25 percent for steel and 10 percent for aluminum in respect to the individual product(s) where the surge took place (on the basis of the individual product categories set forth in the attached chart). If the importing party takes such action, the exporting country agrees to retaliate only in the affected sector (i.e., aluminum and aluminum-containing products or steel)."

Lighthizer, who pointed to that part of the agreement during his testimony, said "we are seeing surges in some products."

"It's something that is of genuine concern to us now and that we are looking at," he told senators.

Late last month the American Primary Aluminum Association sent a letter to Lighthizer calling for the end of Canada's exemption from Section 232 tariffs. The trade association said average imports per quarter from Canada rose 24 percent in the past two quarters when compared to a similar period between 2013-2018.

But Tom Dobbins, president and CEO of the Aluminum Association, said imposing new trade restrictions would suffocate a "critical segment of U.S. manufacturing already under significant stress."

"At a time when reliable domestic supply chains are more important than ever, putting new tariffs in place -- or adding restrictive quotas -- would strangle a critical segment of U.S. manufacturing already under significant stress," he said in a June 15 statement emailed to *Inside U.S. Trade*. "In 2019, the Trump administration wisely removed Section 232 aluminum tariffs on primary aluminum shipped in North America to open a steady source of material for domestic producers. Now, this decision is under threat because of a few voices who do not speak for the vast majority of U.S. aluminum companies and workers." -- *Isabelle Icso* (iicso@iwpnews.com)

Related News | Canada | Congress | Mexico | Section 232 | Steel | Aluminum | USTR | U.S.-Mexico-Canada Agreement |

Inside U.S. Trade - 06/19/2020 , Vol. 38, No. 25

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Exhibit 9

Economics

U.S. Poised to Slap 10% Tariff Again on Aluminum From Canada

By Joe Deaux and Jenny Leonard
June 22, 2020, 10:52 PM EDT
Updated on June 23, 2020, 3:35 PM EDT

- Officials pressing Canada to impose quota on its exports
- Tariffs to be implemented by July 1, people familiar say

The Trump administration is considering re-imposing tariffs on aluminum imports from Canada and an announcement could come by the end of the week, according to people familiar with the matter.

If Canada refuses to impose export restrictions on aluminum, the U.S. will announce Friday the re-imposition of 10% tariffs on aluminum from the country and implement the tariffs by July 1, according to the people, who asked not to be identified because the information isn't public.

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The announcement would come just days before the new U.S.-Mexico-Canada trade deal enters into force at the start of July. U.S. Trade Representative Robert Lighthizer has expressed concern about recent struggles by American aluminum producers, which have seen sales drop and all-in prices sink as demand evaporated amid the global pandemic.

Lighthizer told the Senate Finance Committee in a hearing last week that recent surges in metal imports from North American neighbors are "of genuine concern to us now," and that his office was looking at the issue.

"I would say there have been surges on steel and aluminum, substantially from Canada, some from Mexico, and it is something that we're looking at and talking to both Mexico and Canada about," he told the panel's top Republican, Senator Chuck Grassley from Iowa.

A spokesman for the USTR didn't respond to an emailed request for comment. A spokeswoman for Canadian Deputy Prime Minister Chrystia Freeland said in an emailed statement that Canadian exports don't harm the U.S. market.

"The free flow of goods and services, including aluminum, is important for jobs and economic growth in both of our countries," her press secretary, Katherine Cuplinskas, said in an email to BNN Bloomberg television. "We firmly believe that our aluminum exports do not harm the US market. We are emphasizing this in our ongoing conversations with our American partners."

Producer Split

Under the May 2019 agreement, which resulted in initial tariffs being lifted, Canada has to limit its retaliation to the U.S. metals sector and cannot hit American agriculture, Lighthizer told Grassley.

Ironically, the three U.S. aluminum producers -- Alcoa Corp., Century Aluminum Co. and Magnitude 7 Metals LLC -- disagree whether tariffs should be reimposed.

The American Primary Aluminum Association, which represents Century Aluminum and Magnitude 7 Metals, has asked Lighthizer to reimpose a 10% tariff on imports of Canadian aluminum, saying a rise in metal coming from the country has caused the price to collapse.

The Aluminum Association of the U.S., which represents Alcoa Corp., Rio Tinto Group and dozens of other aluminum-parts makers, argues instead that imports are virtually unchanged since 2017.

Alcoa CFO William Oplinger said at a virtual bank conference in June that China's overcapacity subsidized by the government is the real problem, and that he supports free trade with "those who trade freely, especially the Canadians."

Market Malaise

The benchmark price of aluminum traded in London is down 12% this year, and the price paid to ship metal to the U.S. Midwest -- a critical part of the all-in price for domestic producers -- is down more than 40%.

Aluminum producers are struggling along with other businesses amid the pandemic. Alcoa, the top U.S. aluminum producer, in April cut the remaining capacity at its smelter in Ferndale, Washington. The same month, Century reported its lowest quarterly sales since the third quarter of 2017, citing demand destruction caused by the health crisis and commodity prices falling at an "unprecedented" pace.

An agreement reached between the three North American countries in May 2019 included a monitoring and a mechanism to prevent increases in exports, but also stipulated that tariffs on metals could be reimposed "if surges in imports of specific steel and aluminum products occur."

Questions remain what a renewed tariff battle could do to the trade relationship between Canada and the U.S., which had been improving since last year when the sides were able to reach an agreement on the new Nafta deal.

"It has damaged the trust relationship between our two countries," Bruce Heyman, a former U.S. ambassador to Canada who served during the Obama administration, said in a telephone interview. "When we do these kind of things we do much more damage to the larger relationship than we can even calculate."

(Updates with comment from Canadian Deputy Prime Minister Chrystia Freeland's spokeswoman in seventh paragraph.)

In this article

CENX
CENTURY ALUMINUM
6.91 USD ▼ -0.38 -5.21%

AA
ALCOA CORP
11.14 USD ▼ -1.06 -8.69%

RIO
RIO TINTO PLC
4,495.00 GBp ▼ -106.00 -2.30%

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Exhibit 10

The new normal

Strategy to reopen social, educational and economic activities

GOBIERNO DE
MÉXICO

ESTADOS UNIDOS MEXICANOS

The new normal

Strategy to reopen social, educational and economic activities

- The strategy provides clarity, safety and certainty for the population, especially for workers, companies as well

state goverments and counties.

- It also promotes a gradual, orderly and cautious reopening, so that it is safe and lasting.

MAIN VALUES

- Favoring Health and Life
- Solidarity with all and Non-Discrimination
- Honest Economy and Productive efficency
- Shared Responsibility (Public, Private and Social)

The new normal

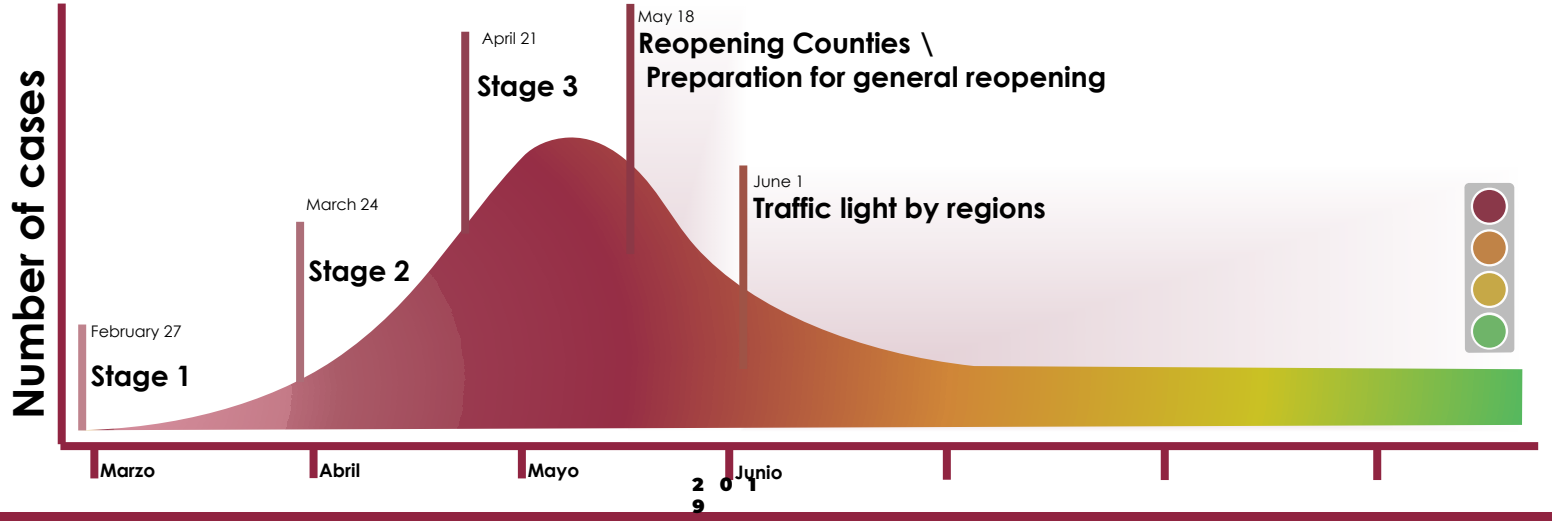
Strategy to reopen social, educational and economic activities

Reopening by stages

STAGE 1
Counties
May 18

STAGE 2
Preparation for general reopening
May 18-31

STAGE 3
Weekly traffic light by region
June 1



Reopening by stages

GOBIERNO DE MÉXICO

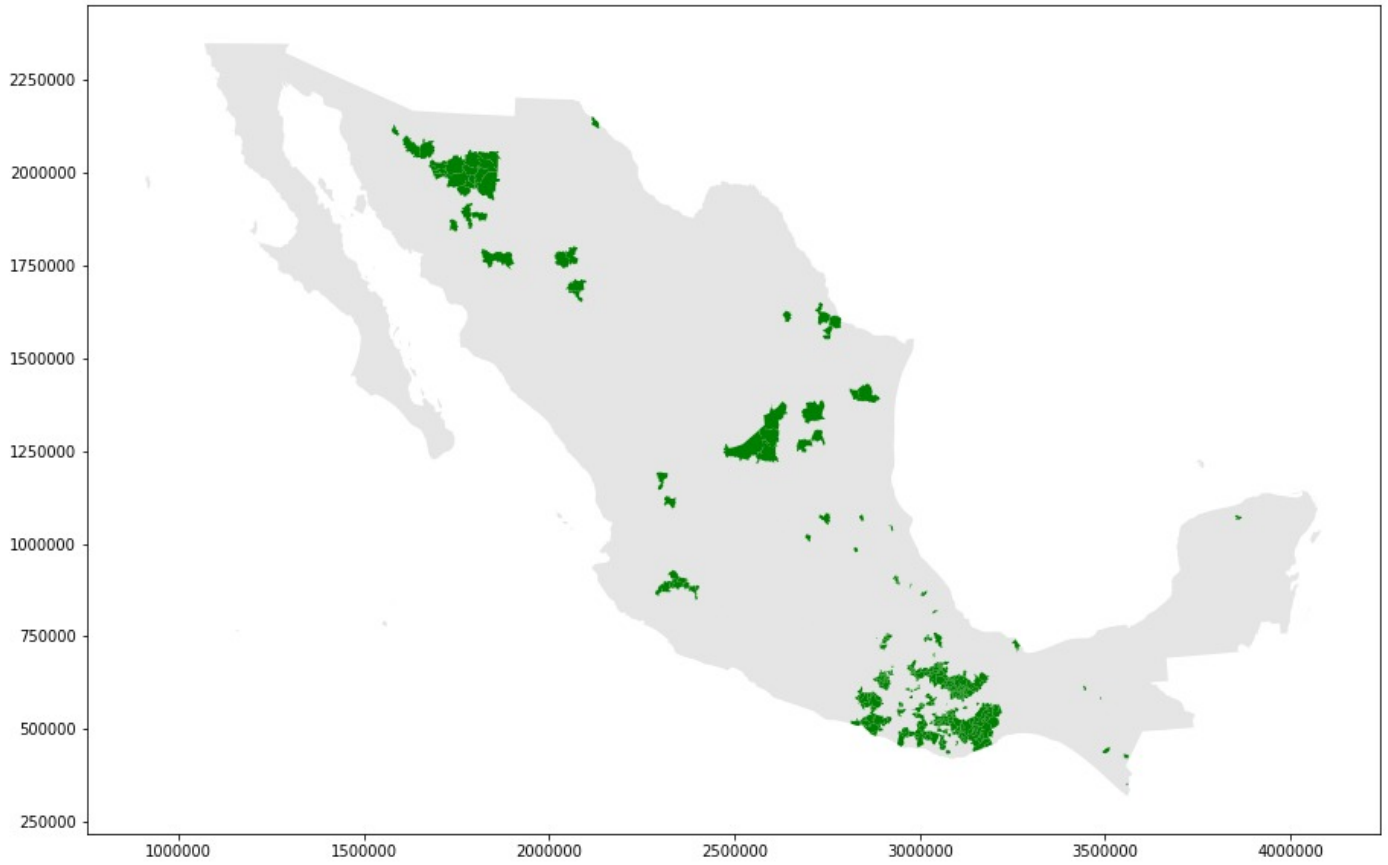
STAGE 1	May 18 • Reopening counties
STAGE 2	May 18 - 31 • Preparation for general reopening • Construction, mining and manufacturing of transport equipment will be considered essential activities.
STAGE 3	June 1 • Traffic light system by region for the reopening of social, educational and economic activities

STAGE 1: Reopening counties

GOBIERNO DE MÉXICO

Counties 269 counties, 15 states	May 14-17	Beginning on May 18
	Implementation of health rings	Schools
		Public areas
		Labor
		Vulnerable people
		Public health and work measures

STAGE 1 Counties



- 269 counties
- 15 estates

STAGE 2:
Preparation for general reopening

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GENERAL APLICATION ACTIONS

1. Development by company of health protocols for the safe restart of activities
2. Training of personnel for safety in the workplace
3. Rearrange spaces and production processes
4. Entry and sanitation filters, and hygiene of the work space.

ACTIVITIES				
Public health and work measures				
WORK Essential | Non Essential	E	E Limited	E	E
Public space Open | Close		Limited	Limited	
Vulnerable people		Extreme care	Medium care	Control care
Schools				

Gracias

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MÉXICO

STAGE 3: Traffic lights by regions

GOBIERNO DE MÉXICO

Beginning June 1st

Care Protocole	
EXTREME HEALTH ALERT	• They are only in operation of essential activities. Includes mining, construction and manufacturing of transportation equipment
HIGH	• Operation of essential activities and reduced in non-essential. Extreme care for vulnerable workers.
MEDIUM	• Limited activities in public space and full economic activity.
NORMAL	• Resumption of school, social and recreational activities. Full economic activity.

panish ersion

La nueva normalidad

Estrategia de reapertura de las actividades sociales, educativas y económicas

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MÉXICO

La Nueva Normalidad

Estrategia de reapertura de actividades sociales, escolares y económicas

- La estrategia brinda **claridad, seguridad y certidumbre** para la población, especialmente para los trabajadores, las empresas así como los gobiernos estatales y municipales.

- Asimismo, propicia una reapertura **gradual, ordenada y cauta**, para que sea segura y duradera.

PRINCIPIOS RECTORES

- Privilegiar la salud y la vida
- Solidaridad con todos y no discriminación
- Economía moral y eficiencia productiva
- Responsabilidad compartida (pública, privada y social)

La Nueva Normalidad

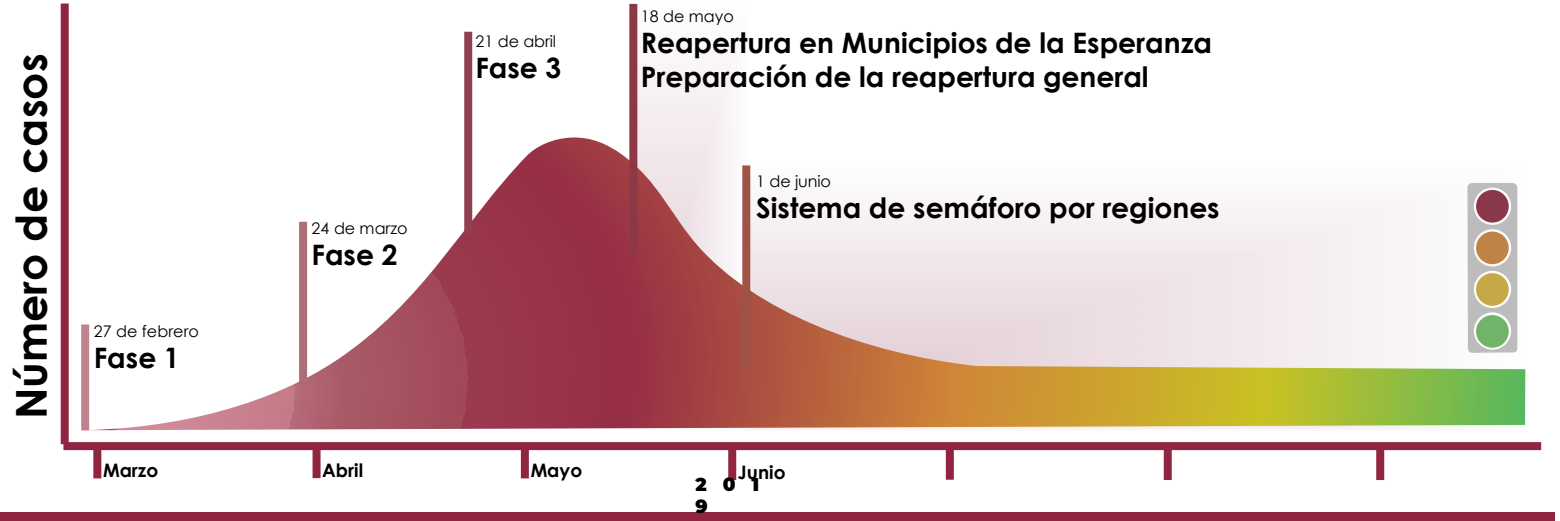
Estrategia de reapertura de las actividades sociales, escolares y económicas

REAPERTURA EN ETAPAS

ETAPA 1
Municipios de la Esperanza
18 de mayo

ETAPA 2
Preparación para reapertura general
18-31 de mayo

ETAPA 3
Semáforo semanal por regiones
1° de junio



Reapertura en etapas

GOBIERNO DE MÉXICO

ETAPA 1	18 de mayo • Reapertura de los Municipios de la Esperanza
ETAPA 2	18 -31 de mayo • Preparación para la reapertura • Construcción, minería y fabricación de equipo de transporte serán consideradas actividades esenciales.
ETAPA 3	1° de junio • Sistema de semáforo por regiones para la reapertura de actividades sociales, educativas y económicas

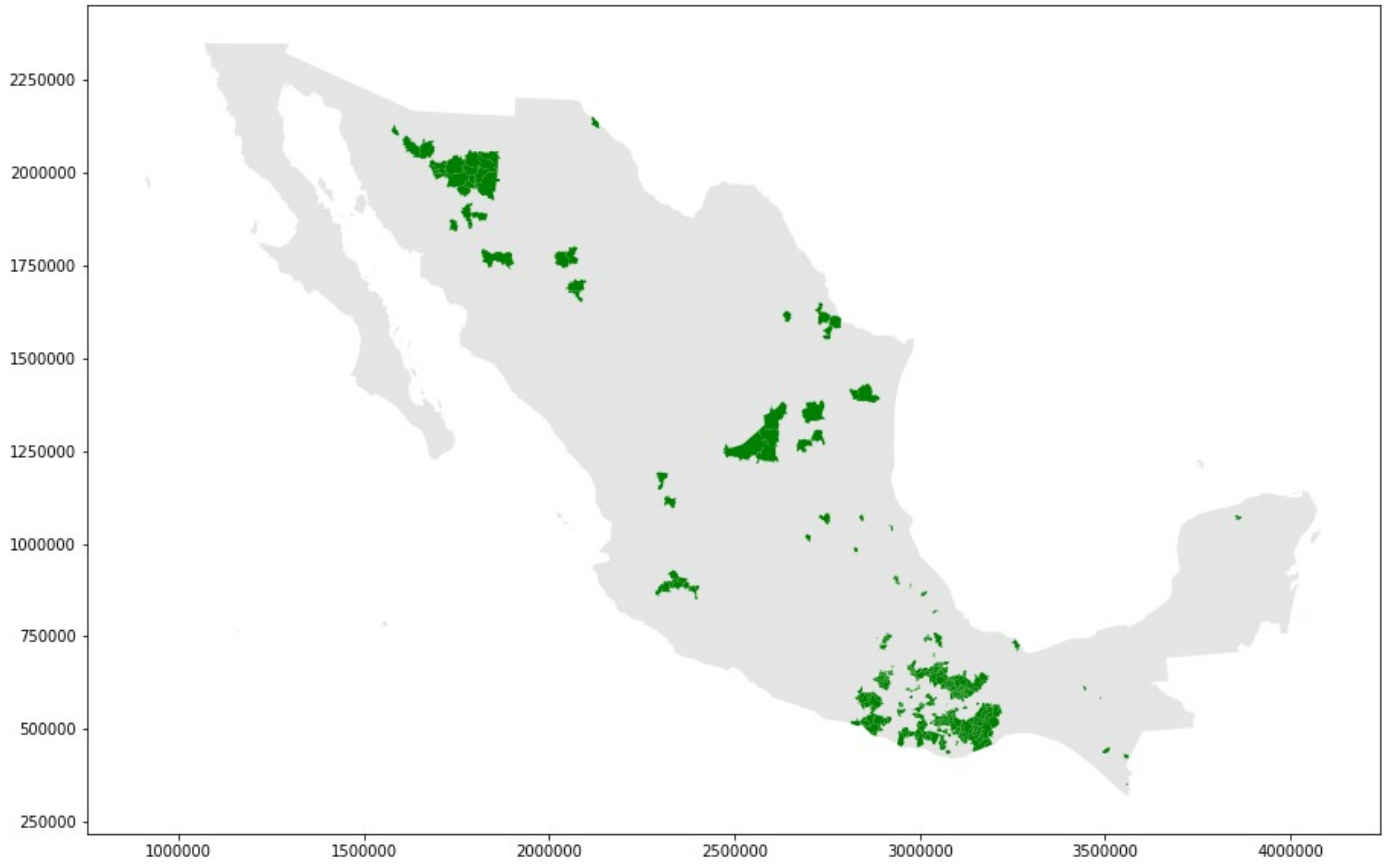
ETAPA 1: Reapertura en Municipios de la esperanza

GOBIERNO DE MÉXICO

Municipios de a esperanza 269 municipios, 15 estados	14-17 mayo	A partir de 18 de mayo
	Implantación de los cercos sanitarios	Escolar
		Espacio público
		Laboral
		Personas vulnerables
		Medidas de salud pública y del trabajo

ETAPA 1 Municipios de la esperanza

GOBIERNO DE MÉXICO



- 269 municipios
- 15 estados

ETAPA 2:
Preparación para la reapertura general

GOBIERNO DE MÉXICO

ACCIONES DE APLICACÍÓN GENERAL

1. Elaboración por empresa de protocolos sanitarios para el reinicio seguro de actividades
2. Capacitación de personal para seguridad en el ambiente laboral
3. Readecuación de espacios y procesos productivos
4. Filtros de ingreso, sanitización e higiene del espacio laboral.

ACTIVIDADES				
Medidas de salud pública y del trabajo				
Laborales Esenciales | No Esenciales	E	E Reducida	E	E
Espacio Público Abierto | Cerrado		Reducida	Reducidas	
Personas vulnerables		Máximo cuidado	Cuidado medio	Cuidad de control
Escolares				

Gracias

GOBIERNO DE
MÉXICO

ETAPA 3: Semáforo por regiones

GOBIERNO DE MÉXICO

A partir de 1º de junio

Protocolo de Cuidado	
MÁXIMO DE ALERTA SANITARIA	• Sólo están en operación de las actividades esenciales. Incluye minería, construcción y fabricación de equipo de transporte.
ALTO	• Operación de actividades esenciales y reducida en no esenciales. Máximo cuidado a los trabajadores vulnerables.
INTERMEDIO	• Actividades acotadas en el espacio público y actividad económica plena.
COTIDIANO	• Reanudación de actividades escolares, sociales y de esparcimiento. Actividad económica plena

Exhibit 11

Previous Next

Jalisco tenders 80 public works projects

Source: The Economist / Patricia Romo

- As part of the Jalisco Economic Reactivation Plan, this week the state government launched tenders for 80 public works projects for an investment amount that exceeds 576 million pesos.

As part of the Jalisco Economic Reactivation Plan, this week the state government launched tenders for 80 public works projects for an investment amount that exceeds 576 million pesos.

According to information from the Ministry of Infrastructure and Public Works (SIOP), the resources are part of the 6,200 million peso loan approved on May 23 as part of the Economic Reactivation Plan to face the Covid-19 pandemic.

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Records

- June 2020
- May 2020
- April 2020

to the fact that other projects will be built for the benefit of 30 Jalisco municipalities.

"There are 56 projects included in the tenders that will be executed with resources from the credit approved by the state Congress in May of this year, requested as a result of the budget reallocation made by the state Executive to manage the aforementioned contingency," says a statement issued by SIOP.

The agency emphasizes that the construction industry and, in particular, the continuity of the state public works program, are two of the pillars of the Economic Reactivation Plan, since the sector represents 7.7% of the Gross Domestic Product (GDP) of the entity.

According to SIOP, with the resources of the debt, 30,000 direct and indirect jobs may be generated in the entity as a result of the hiring of local companies and the generation of jobs for Jalisco workers.

June 17th, 2020 | Building

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Lists, 10 firms from Michoacán to build the distributor Mil Cumbres

Source: Primera Plana Noticias / Juan Antonio Magallán

Around 10 local and country companies participate in the national bidding process for the award of the work of the Salida Mil Cumbres road distributor, which will have an investment of 450 million pesos and will generate 500 direct jobs, reported Antonio Mazier Contreras, president in Michoacán from the Mexican Chamber of the Construction Industry (CMIC).

In an interview for Primera Plana Radio, the business representative said that after the issuance of the call for tenders, national and state companies signed up to compete for the work to be built to try to give road fluidity to the south side of the city, just in the junction of the exit Mil Cumbres.

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"Today, the files were delivered and the minutes are being completed, 10 companies participated and their proposals will be subject to revision to see who will be the lucky ones to carry out the work; From the CMIC we hope that it is a Michoacán company, "said Mazier Contreras.

He revealed that local companies grouped together to form a block and thereby be more competitive with large national firms to carry out a work that he considered essential for the development of Morelia, along with the rehabilitation of the Convention and Exhibition Center (Ceconexpo).

On April 15, the Ministry of Communications and Public Works (SCOP), through the direction of Bidding Processes and Works Awards launched the national public calls for the work under the numbers LO-916007977-E1-2020 and LO -916007977-E2-2020.

The tender LO-916007977-E1-2020 is for the construction of the Junction of Crossing of Acueducto Avenue and Peripheral Poniente at the Exit to Mil Cumbres, while the tender LO-916007977-E2-2020 is for the external supervision of the work.

The ruling is scheduled for May 29, however, it could be lengthened due to the workload that has accumulated due to the social isolation derived from the COVID-19 pandemic.

May 19th, 2020 | Communications and Transportation

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Previous Next

150 housing works will be reactivated after contingency

Source: The Sun of Mexico / Claudia Mendoza

- The industry streamlines compliance with sanitary regulations in each development of the city

The real estate sector is ready to reactivate works in 150 capital works after the forced suspension by Covid-19.

Through a statement, the Association of Real Estate Developers (ADI) explained that thanks to the activation of protocols and measures, the construction of 150 works can be resumed "since the 81 members of the organization have begun their registration in the industry register essential of the Ministry of Economy and the Mexican Institute of Social Security, as well as protocols to return to works ".

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- May 2020
- April 2020

Economic Reactivation and Production of Inclusive, Popular and Workers Housing with the that the processing and start of work will be accelerated and thus boost this industry branch immediately.

Enrique Téllez Kuenzler, president of the ADI, stated that in early 2020, the agency announced an investment of more than 18 billion dollars in the coming years, which may be modified by the effects of the contingency. "We hope to fulfill this, but everything will depend on the levels of demand in the market that occur in the coming years."

The industry anticipates that the recovery will begin gradually from 2021. Industry specialists agreed in a forum where they addressed the issue.

They explained that heading for the new normal, the real estate sector must go through and overcome four stages. The first was to resolve, which consisted of the ability of companies to meet the challenges that the pandemic represented in their workforce, clients and partners. In the second, resist, as short-term cash management and management challenges were addressed, as well as the partial closure of operations and the effects of the economic coup.

The third stage, return, where industries must develop specific plans that respond to the most probable scenarios, in order to try to recover the rhythm with which they performed and recover quickly.

June 18th, 2020 | living place

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Sedena reports physical progress of almost 20% in Saint Lucia

Source: The Economist / Editorial Staff

- La Sedena has a financial ceiling for the project of $ 79,000 million, but they work on a budget of $ 70,000 million.

The construction of the Felipe Ángeles International Airport (AIFA), in Santa Lucía, has, after 214 days of work, a physical advance of 18.1% and the Ministry of National Defense (Sedena) has already received 14.678 million pesos from the budget, which have exerted 4,968.4 million pesos, said General Gustavo Ricardo Vallejo Suárez, engineer in charge of the work.

In a conference held at the National Palace, he said that they have a financial ceiling for the $ 79,000 million project, which includes the relocation of military installations, but they work on

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- June 2020
- May 2020
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amount of 30,200 million pesos.

However, data reported by the Ministry of Finance and Public Credit (SHCP) in the public finance report for the first quarter of this year refer to the fact that the work carried a 7% physical advance since it started (October 2019) until the last day of April and the Sedena had exercised 5,205.2 million pesos, an amount that represents 97% of the budget assigned for 2020. And there was no modification of the amounts.

In addition, the project already has an updated total investment amount of 82,136.1 million pesos.

When answering the question, how have those expenses been exercised ?, (the ones he offered yesterday), the military explained:

"Almost 30% corresponds to the payment of labor, approximately 50% to the acquisition of materials, 16% which corresponds to the rental of additional machinery, 6% of fuels and 1% of administrative security expenses and hygiene.

"We currently have 9.710 million pesos in the accounts of the work and this year we plan to receive 25,000 million pesos more, which allows us to move forward with the momentum that we have had so far. We also have labeled resources for the acquisition of properties, 4,000 million pesos were labeled, of which we already received the resources corresponding to 2019 and 2020, which are 3,500 million pesos, of which we already exercised 3.100 million pesos in the purchase of these lands ", he added.

However, in his presentation, General Vallejo did not offer further details on the origin of the additional resources that will go to the priority infrastructure for the Federal Government and that should be inaugurated on March 21, 2022.

May 19th, 2020 | Communications and Transportation

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Previous Next

Maya Train starts with 100 thousand jobs

Source: Tabasco today / Editorial Staff

- Everything is ready so that in the second semester the historic federal resource is distributed.

President Andrés Manuel López Obrador announced that the construction of the Maya Train is about to begin, on a 1,500-kilometer stretch between Chiapas, Tabasco, Campeche, Yucatan and Quintana Roo.

"There are already three contracts for three sections, a fourth section is in the process of being concluded, which will allow us to communicate, when it is built, this work is completed, from Palenque, with these four sections, to Cancun, passing by Campeche, Yucatan and Quintana Roo ", he said.

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For his part, Rogelio Jiménez Pons, CEO of Fonatur, presented a video at the morning conference to give an initial report on the start of work on the Maya Train:

“We have put this window on the Tren Maya Observatory, making a reference to the question of the observatory that you see here in Chichén Itzá.

Also, mention is made of the rights of way for the project and a pending debt was discovered. The Government of Mexico began the payment of 757 million pesos to the property owners.

It should be noted that Section Four was awarded to the company ICA.

START THE WORK

Tender process for the first three sections of the Maya Train in the southeast of the country.

SECTION 1
Palenque a Escárcega
Winners: Mota-Engil México / China Communications Constructions Company, Grupo Cosh Eyasa and Gavil Ingeniería.
Length: 228 km
Investment: 15,538 mp

SECTION 2
Escárcega to Calkiní
Winners: Cicsa / FCCConstrucción
Length: 235 km
Investment: 18,553 MDP

SECTION 3
Calkiní to Izamal
Winners: Construcciones Urales / Gami Ingeniería e Instalaciones / AZVI

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SECTION 4
Izamal to Cancún
Winners: ICA
Length: 172 km
Investment: 10,192 mp

SOURCE: PRESIDENCY / FONATUR

May 19th, 2020 | Construction , Tourism

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Reconstruction Program earmarks 2,000 mp for Puebla in 2020: SEDATU

Source: Chronicle Puebla

About 2 billion pesos will be invested in Puebla as part of the National Reconstruction Program for 2020, said the head of SEDATU, Román Meyer Falcon.

On tour with President Andrés Manuel López Obrador, the official commented that in 2019 2,500 mp was applied in the entity for more than 7,700 actions to repair infrastructure damaged by the 2017 earthquake.

He commented that it is a work that is in process and that has not stopped, since the objective is to conclude with everything reported, mainly in Puebla, which was one of the most damaged states, mainly in historical monuments.

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"It seeks to meet all construction needs, therefore, along with reconstruction resources, there will also be resources from the Urban Improvement Program," he concluded.

June 17th, 2020 | Building

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- september 2019
- august 2019
- july 2019
- june 2019
- may 2019
- april 2019
- March 2019
- february 2019
- january 2019
- december 2018
- november 2018
- october 2018
- september 2018
- august 2018
- july 2018
- may 2018

Exhibit 12

Table 1. Overview of the *World Economic Outlook* Projections

(Percent change, unless noted otherwise)

	Year over Year						Q4 over Q4 2/		
			Projections		Difference from April 2020 WEO Projections 1/			Projections	
	2018	2019	2020	2021	2020	2021	2019	2020	2021
World Output	**3.6**	**2.9**	**–4.9**	**5.4**	**–1.9**	**–0.4**	**2.8**	**–3.5**	**4.6**
Advanced Economies	**2.2**	**1.7**	**–8.0**	**4.8**	**–1.9**	**0.3**	**1.5**	**–7.2**	**5.1**
United States	2.9	2.3	–8.0	4.5	–2.1	–0.2	2.3	–8.2	5.4
Euro Area	1.9	1.3	–10.2	6.0	–2.7	1.3	1.0	–8.6	5.8
Germany	1.5	0.6	–7.8	5.4	–0.8	0.2	0.4	–6.7	5.5
France	1.8	1.5	–12.5	7.3	–5.3	2.8	0.9	–8.9	4.2
Italy	0.8	0.3	–12.8	6.3	–3.7	1.5	0.1	–10.9	5.5
Spain	2.4	2.0	–12.8	6.3	–4.8	2.0	1.8	–11.4	6.3
Japan	0.3	0.7	–5.8	2.4	–0.6	–0.6	–0.7	–1.8	0.0
United Kingdom	1.3	1.4	–10.2	6.3	–3.7	2.3	1.1	–9.0	6.9
Canada	2.0	1.7	–8.4	4.9	–2.2	0.7	1.5	–7.5	4.6
Other Advanced Economies 3/	2.7	1.7	–4.8	4.2	–0.2	–0.3	1.9	–5.1	5.5
Emerging Market and Developing Economies	**4.5**	**3.7**	**–3.0**	**5.9**	**–2.0**	**–0.7**	**3.9**	**–0.5**	**4.2**
Emerging and Developing Asia	6.3	5.5	–0.8	7.4	–1.8	–1.1	5.0	2.4	3.9
China	6.7	6.1	1.0	8.2	–0.2	–1.0	6.0	4.4	4.3
India 4/	6.1	4.2	–4.5	6.0	–6.4	–1.4	3.1	0.2	1.2
ASEAN-5 5/	5.3	4.9	–2.0	6.2	–1.4	–1.6	4.6	–1.4	6.1
Emerging and Developing Europe	3.2	2.1	–5.8	4.3	–0.6	0.1	3.4	–7.0	6.6
Russia	2.5	1.3	–6.6	4.1	–1.1	0.6	2.2	–7.5	5.6
Latin America and the Caribbean	1.1	0.1	–9.4	3.7	–4.2	0.3	–0.2	–9.0	4.1
Brazil	1.3	1.1	–9.1	3.6	–3.8	0.7	1.6	–9.3	4.5
Mexico	2.2	–0.3	–10.5	3.3	–3.9	0.3	–0.8	–10.1	4.8
Middle East and Central Asia	1.8	1.0	–4.7	3.3	–1.9	–0.7	. . .	. . .	. . .
Saudi Arabia	2.4	0.3	–6.8	3.1	–4.5	0.2	–0.3	–4.4	4.1
Sub-Saharan Africa	3.2	3.1	–3.2	3.4	–1.6	–0.7	. . .	. . .	. . .
Nigeria	1.9	2.2	–5.4	2.6	–2.0	0.2	. . .	. . .	. . .
South Africa	0.8	0.2	–8.0	3.5	–2.2	–0.5	–0.6	–2.1	–2.8
Memorandum									
Low-Income Developing Countries	5.1	5.2	–1.0	5.2	–1.4	–0.4	. . .	. . .	. . .
World Growth Based on Market Exchange Rates	3.1	2.4	–6.1	5.3	–1.9	–0.1	2.3	–4.9	4.8
World Trade Volume (goods and services) 6/	**3.8**	**0.9**	**–11.9**	**8.0**	**–0.9**	**–0.4**	**. . .**	**. . .**	**. . .**
Advanced Economies	3.4	1.5	–13.4	7.2	–1.3	–0.2	. . .	. . .	. . .
Emerging Market and Developing Economies	4.5	0.1	–9.4	9.4	–0.5	–0.7	. . .	. . .	. . .
Commodity Prices (U.S. dollars)									
Oil 7/	29.4	–10.2	–41.1	3.8	0.9	–2.5	–6.1	–42.6	12.2
Nonfuel (average based on world commodity import weights)	1.3	0.8	0.2	0.8	1.3	1.4	4.9	–0.8	1.3
Consumer Prices									
Advanced Economies 8/	2.0	1.4	0.3	1.1	–0.2	–0.4	1.4	–0.1	1.5
Emerging Market and Developing Economies 9/	4.8	5.1	4.4	4.5	–0.2	0.0	5.0	3.1	4.0
London Interbank Offered Rate (percent)									
On U.S. Dollar Deposits (six month)	2.5	2.3	0.9	0.6	0.2	0.0	. . .	. . .	. . .
On Euro Deposits (three month)	–0.3	–0.4	–0.4	–0.4	0.0	0.0	. . .	. . .	. . .
On Japanese Yen Deposits (six month)	0.0	0.0	0.0	–0.1	0.1	0.0	. . .	. . .	. . .

Note: Real effective exchange rates are assumed to remain constant at the levels prevailing during April 21--May 19, 2020. Economies are listed on the basis of economic size. The aggregated quarterly data are seasonally adjusted. WEO = *World Economic Outlook.*

1/ Difference based on rounded figures for the current and April 2020 WEO forecasts. Countries whose forecasts have been updated relative to April 2020 WEO forecasts account for 90 percent of world GDP measured at purchasing-power-parity weights.

2/ For World Output, the quarterly estimates and projections account for approximately 90 percent of annual world output at purchasing-power-parity weights. For Emerging Market and Developing Economies, the quarterly estimates and projections account for approximately 80 percent of annual emerging market and developing economies' output at purchasing-power-parit weights.

3/ Excludes the Group of Seven (Canada, France, Germany, Italy, Japan, United Kingdom, United States) and euro area countries.

4/ For India, data and forecasts are presented on a fiscal year basis and GDP from 2011 onward is based on GDP at market prices with fiscal year 2011/12 as a base year.

5/ Indonesia, Malaysia, Philippines, Thailand, Vietnam.

6/ Simple average of growth rates for export and import volumes (goods and services).

7/ Simple average of prices of UK Brent, Dubai Fateh, and West Texas Intermediate crude oil. The average price of oil in US dollars a barrel was $61.39 in 2019; the assumed price, based o futures markets (as of May 19, 2020), is $36.18 in 2020 and $37.54 in 2021.

8/ The inflation rate for the euro area is 0.2% in 2020 and 0.9% in 2021, for Japan is -0.1% in 2020 and 0.3% in 2021, and for the United States is 0.5% in 2020 and 1.5% in 2021.

9/ Excludes Venezuela.

Remainder of Exhibit is Not Susceptible to Public Summary

Exhibit 13

Exhibit is Not Susceptible to Public Summary

Exhibit 14

Exhibit is Not Susceptible to Public Summary

Exhibit 15

Exhibit is Not Susceptible to Public Summary

Exhibit 16

Exhibit is Not Susceptible to Public Summary

Exhibit 17

Exhibit is Not Susceptible to Public Summary

Exhibit 18

Exhibit is Not Susceptible to Public Summary

Exhibit 19

Exhibit is Not Susceptible to Public Summary

Exhibit 20

REUTERS

COMPANY NEWS
MAY 26, 2020 / 6:47 PM / A MONTH AGO

Mexico's auto industry restart gathers steam, Ford still waiting

Sharay Angulo

MEXICO CITY, May 26 (Reuters) - Mexico's auto industry reopening picked up pace on Tuesday, with Fiat Chrysler and BMW AG joining peers in gradually dusting off operations even as the wait for approvals slowed the return of Ford Motor Co and other companies.

In mid-May, officials said the industry could exit a mandatory coronavirus lockdown before June 1 if safety measures were approved.

However, some Mexican governors have urged caution as new coronavirus infections and deaths ticked higher, in a sign of what is expected to be a bumpy return as complex North American supply chains are linked back together.

Fiat Chrysler on Tuesday began reopening two facilities in the central Mexican city of Toluca after a gradual restart of its operations in the northern city of Saltillo a day earlier, said a company spokesman.

"We are opening up with only 40% of personnel at each plant. It's an orderly and secure reopening, following all the protocols the Health Secretary has given us," he said.

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General Motors Co began opening production lines at its Mexican plants in Ramos Arizpe in the northern state of Coahuila and in the central city of Silao on Thursday.

Japanese automakers Toyota Motor Corp, Nissan Motor Co Ltd and Honda Motor Co Ltd are also restarting in Mexico.

German carmakers Volkswagen and Audi are still awaiting authorization for their plants in Puebla state, whose government said on Friday conditions "do not exist" yet for a restart.

Reporting by Sharay Angulo; Writing by Anthony Esposito: Editing by Frank Jack Daniel and Richard Chang

Our Standards: *The Thomson Reuters Trust Principles.*

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Exhibit 21

15 • 06 • 20

CCHC PRESENTS ECONOMIC REACTIVATION PLAN THAT CONSIDERS THE CREATION OF 600,000 JOBS

The creation of **600,000 direct and indirect jobs in a three-year period** (240,000 in 2020 and 360,000 in 2021 and 2022) is the central objective of the **"Employment and Reactivation Plan"** presented this morning by the president of the Chilean Chamber of the Construction (CChC), Patricio Donoso, and that constitutes a contribution of the union to the urgent challenge of creating job sources and boosting the economy as long as sanitary conditions allow it.

The proposal also raises two other priority objectives: satisfying social demands associated with housing, urban equipment and basic infrastructure and addressing urgent problems, such as the water crisis that affects the country. All this through a boost to investment and close collaborative work between the public and private sectors.

"The country is experiencing a severe economic crisis and an accelerated loss of jobs, against which our industry can play a very important role of containment and reactivation. In fact, **in this proposal we identify concrete measures and projects – fast execution, both in the area of housing and infrastructure– that will undoubtedly help to materialize the Emergency Plan agreed early this Sunday morning by the political world** . That is what is needed today and it is precisely what we want to contribute with this Plan, "said the leader.

Donoso further explained that, although this emphasizes the short term, it was decided to consider a horizon of three years given the experience of past crises. "For example, after the crisis of '81 it took four years to return to the levels of employment that existed before this and three years in the case of the 1999 crisis. In other words, it will take more than a initial impulse, a sustained effort to leave behind the current crisis that we are experiencing ".

In this context, the union's proposal contemplates a total investment of US $ 22.6 billion for the triennium, considering US $ 10.290 million of public investment and US $ 12.310 million of private investment.

Proposals in Housing and City

The CChC proposes the creation of **495,000 direct and indirect jobs** (200,000 this year and another 295,000 in the period 2021-2022) and **mitigate the problems of housing deficit, closeness and the proliferation of camps** through the following initiatives:

- Create 271,000 jobs (118,000 direct and 153,000 indirect) through the construction under special conditions of 90,000 social and territorial integration homes associated with the DS 19 Program, to immediately activate the offer already available.
- Create 135,000 jobs (61,000 direct and 74,000 indirect) by solving uncertainties that affect 45,000 already authorized homes, but whose works have not started.
- Crear 40.000 empleos (18.000 directos y 22.000 indirectos) mediante la construcción de 5.000 viviendas de un plan piloto de "Arriendo Protegido" en terrenos fiscales.
- Crear 30.000 empleos (17.000 directos y 13.000 indirectos) mediante la entrega en condiciones especiales de 20.000 nuevos subsidios para mejoramiento de viviendas y barrios.
- Crear 19.500 empleos (8.500 directos y 11.000 indirectos) mediante la construcción en condiciones especiales de 10.000 viviendas para sectores vulnerables en zonas de mayor déficit habitacional.

La propuesta considera una inversión total de US$ 9.600 millones, con US$ 7.500 millones de inversión privada y US$ 2.100 millones de inversión pública.

Adicionalmente, y con el propósito de facilitar el acceso a la vivienda, el gremio plantea reducir parcialmente impuestos y gastos de compraventa de viviendas, descontar de impuesto el dividendo de los créditos hipotecarios, crear una garantía estatal al pago del pie para la compra de primera vivienda, aplazar la aplicación de nuevas condiciones para acceso a crédito bancario, perfeccionar e impulsar el subsidio de arriendo y crear un subsidio especial para familias jóvenes allegadas.

Propuestas en Infraestructura

Con el objetivo de generar **104.200 empleos directos e indirectos** (42.600 este año y otros 61.600 en el período 2021-2022), la propuesta gremial considera:

- Crear 62.400 empleos (17.830 directos y 44.570 indirectos) mediante la construcción de 331 proyectos para mejorar movilidad urbana e interurbana, lo que considera pavimentación de caminos rurales, mejoramiento y ampliación de vías existentes y construcción de carreteras y puentes, entre otros.
- Crear 18.000 empleos (5.100 directos y 12.900 indirectos) mediante la construcción de 224 proyectos para aumentar la disponibilidad de agua en el país, como sistemas de agua potable rural, alcantarillado, captación de aguas lluvias, mejoramiento de canales, embalses, etc.
- Crear 17.900 empleos (5.100 directos y 12.800 indirectos) mediante la construcción de 5 proyectos de las áreas de Minería y Energía, por medio de ampliaciones mineras, línea de transmisión eléctrica, construcción de plantas de energías renovables, etc.
- Crear 5.900 empleos (1.700 directos y 4.200 indirectos) e incorporar 423 nuevas camas al sistema hospitalario mediante la ejecución de 105 proyectos relacionados con reparación y construcción de consultorios, servicios de atención primaria de urgencia, centros de salud familiar y hospitales.

Adicionalmente, el gremio plantea la necesidad de asegurar la continuidad de los proyectos en ejecución, elaborar un Plan Nacional de Infraestructura para la Reactivación, complementarlo con mirada e iniciativas regionales, impulsar el sistema de concesiones, que es clave en el actual escenario, y potenciar instituciones e instrumentos alternativos de financiamiento.

La propuesta en infraestructura considera una inversión total de US$ 13.000 millones, con US$ 4.810 millones de inversión privada y US$ 8.190 millones de inversión pública.

Requisitos estructurales

En la presentación del "Plan de Empleo y Reactivación" de la CChC el presidente del gremio señaló para lograr estos objetivos se debe cumplir una serie de "requisitos estructurales". Entre estos, destacó la importancia de la política pública para reducir la insolvencia de las empresas, el perfeccionamiento de las relaciones contractuales, la certeza jurídica para el desarrollo de inversiones, la eliminación de trabas regulatorias y de burocracia, una política de estímulos a la inversión privada y a la contratación, la elaboración de una "Agenda Digital" y un plan de retorno para iniciar la reactivación basado en protocolos sanitarios, como el que ya ha puesto en marcha la industria de la construcción.

DOCUMENTOS PARA DESCARGAR

Plan de Reactivación Económica CChC
(15 junio 2020)

Exhibit 22

">

Housing policy and the revival of the building sector

- More than 1,500 attendees, including businessmen, the public and private sectors, and academia, participated in the virtual discussion: Housing Policy and the revival of the building sector, which included the participation of the Minister of Housing, City and Territory.
- Currently, 91 percent of the projects have reactivated their activities, which guarantees employment for nearly 600,000 workers.

Bogotá, June 1, 2020

In the framework of the virtual discussion: Housing policy and the reactivation of the building sector carried out by the Colombian Chamber of Construction, the executive president of Camacol, Sandra Forero Ramírez, presented a balance of the building sector based on the health emergency where he stressed that 2,379 projects (91 percent of the total) returned to activities, which guarantees employment for nearly 600,000 workers.

"Our sector has had an important impact in the current context, however, we have had a gradual, orderly and above all responsible process in its return to activities. The keys to this process have been the anticipation and preparation of the sector

and, of course, coordination between the public and private sectors, "said the

reactivate the demand for housing and ensure that Colombians find all the opportunities of real estate investment.

The Minister of Housing, City and Territory, Jonathan Malagón, participated in the meeting, who commented that the National Government is taking steps to reactivate the sector. "2020 was seen as the year of the consolidation of the housing sector, however, the emergency completely altered the sector dynamics."

In this sense, the Minister presented the balance of the actions taken to date and the details of the new subsidies for social housing and for the middle segment. "Employment will be guaranteed, more than 30 subsectors of the economy will be energized, the economic reactivation of the country will be promoted and the dream of thousands of Colombians to have their own home will be fulfilled," said Malagón, who also mentioned the opportunity for Colombians to access the 200 thousand subsidies to purchase VIS and Non-VIS housing.

In this regard, the President of Camacol added: "We want to thank the President of the Republic, Dr. Iván Duque Márquez, and the Minister of Housing, Jonathan Malagón González, for the enormous management effort, the fiscal impulse and the prioritization of the reactivation of the sector, but above all, to continue betting on housing as an element of economic and social transformation in the current situation.

Exhibit 23

CÁMARA ARGENTINA DE LA CONSTRUCCIÓN

THE PUBLIC WORKS REACTIVATION MAP WAS PRESENTED

The Ministry of Public Works of the Nation released the Map of Reactivation of Public Works.

It is a total of 270 public works that include reactivated works and others to be reactivated. In all cases, the COVID-19 prevention health protocol must be strictly followed.
On the map you can see in detail the information separated by province and district, as well as the agencies responsible for each work.

This Program is partly a result of the efforts that the Argentine Chamber of Construction maintained with the Ministry led by Gabriel Katopodis.

At the foot of this note the documents are available for download.

To view the downloadables of different formats it is necessary to have the appropriate software for each case.

Country Works.xlsx XLSX // 31 Kb. to download

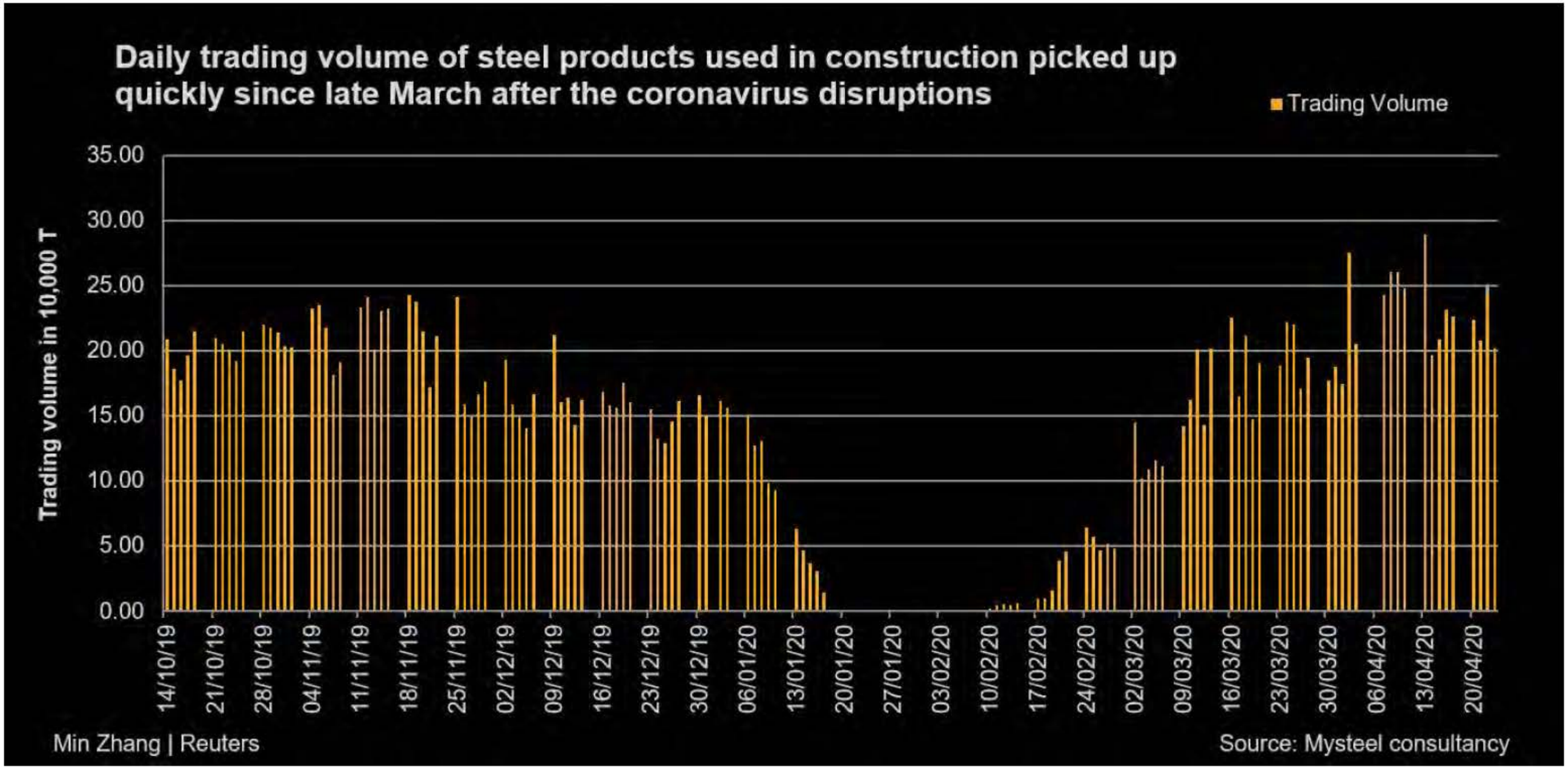
Reactivation Map of Public Works final.pdf PDF // 1727 Kb. to download

MAIN SECTIONS

DIRECT ACCESS

ARGENTINE CHAMBER OF CONSTRUCTION, Av. Paseo Colón 823 (1063) / Buenos Aires, Argentina. Tel: 4361-8778 (rotating lines)

Exhibit 24


Daily trading volume of steel products used in construction picked up quickly since late March after the coronavirus disruptions
Trading Volume
Trading volume in 10,000 T
35.00
30.00
25.00
20.00
15.00
10.00
5.00
0.00
14/10/19
21/10/19
28/10/19
04/11/19
11/11/19
18/11/19
25/11/19
02/12/19
09/12/19
16/12/19
23/12/19
30/12/19
06/01/20
13/01/20
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17/02/20
24/02/20
02/03/20
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06/04/20
13/04/20
20/04/20
Min Zhang | Reuters
Source: Mysteel consultancy

Exhibit 25

Exhibit is Not Susceptible to Public Summary

Exhibit 26

Exhibit is Not Susceptible to Public Summary

Exhibit 26

IHS Markit

Steel Price Forecast and Market Outlook

Coronavirus outbreak to weigh on global steel markets

An outbreak of a new coronavirus (2019-nCoV) in Wuhan, the capital of Hubei province in mainland China, and subsequent extension of factory closures beyond the Lunar New Year holiday have caused a downward revision to our iron ore and steel price forecasts over the first half of 2020. Mainland China produces more than half of the world's steel and consumes more than 64% of global seaborne iron ore every year, making the steel market particularly vulnerable to changes in Chinese demand and production.

Hubei province, at the heart of the coronavirus outbreak, only accounts for around 2.5% of total Chinese finished steel production capacity. Hubei does, however, consume a significant volume of steel with its manufacturing and automotive industries. On net, we expect the cut to production to be less than the cut to demand. Thus, steel supply in mainland China will rise on balance, putting downward pressure on prices.

Learn more, visit Commodity Coverage – Metals

Impact on iron ore

The challenge steel mills will face is how to move iron ore from ports to the mills, given the disruption to transport and rail stemming from restrictions. This shortage of material inside mainland China will therefore boost port-side prices as mills

scramble for ore. Furthermore, vessels will now begin to queue up at Chinese ports due to the lack of personnel in port handling services and the quarantine currently being applied to all inbound freighters while operatives provide a clean bill of health for the crew. We expect seaborne prices to temporarily ease as vendors look to divert vessels to other markets, e.g., North Asia and Europe. If Chinese mills are unable to get access to new iron ore feed, they will likely ramp down production, move to hot idling, or bring forward maintenance schedules, ceasing steel production all together.

Given that the worst-affected regions in mainland China -- the provinces surrounding Hubei -- only constitute 11% of Chinese steel capacity, we estimate that total national steel production lost in first quarter 2020 will be around 12%, or (based on steel production growth of 3.5% in fiscal year 2020) around 31 million metric tons of crude steel.

Translated roughly into iron ore demand, this means a reduction in iron ore demand of 52 million metric tons, equivalent to around 55% of Chinese monthly iron ore imports. We estimate benchmark iron ore prices to fall $17 from pre-coronavirus levels to around $95/metric ton. We estimate that premiums for high-grade ore will expand and that discounts for low-grade ore will contract as mills rush to buy any ore available.

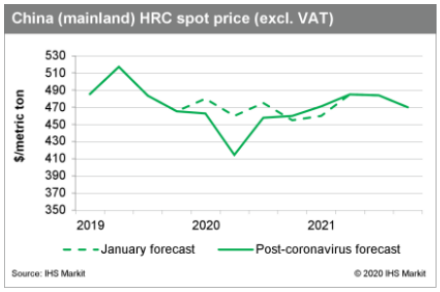
Impact on steel prices

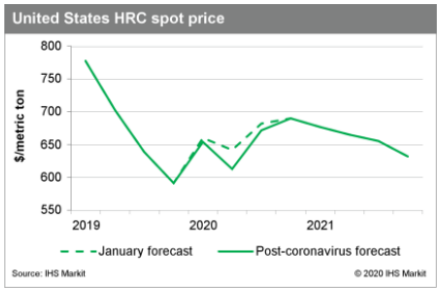
The extended factory closures beyond the holiday week due to the coronavirus outbreak will reduce both demand for steel and production of steel.

Our forecast assumes that disruption to steel production due to factory closures and other logistical issues will last into March, and will be followed by a period of excess inventory hanging over the market through most of the second quarter. As a result, we anticipate more downside to prices in the coming months, with steel prices falling by $70–80/metric ton from their January peak through April/May, before rebounding over the second half of 2020 as demand rebounds once the coronavirus is contained.

Outside of mainland China, we also anticipate a pullback in global steel prices over the near term, primarily driven by falling scrap prices. Scrap prices increased by $70–80/metric ton across most global markets in the fourth quarter, after falling throughout most of 2019. Scrap prices increased too much, too fast and were exposed to a pullback. Lower scrap prices were expected to weigh

on steel prices in the United States, Europe, and other major markets outside of mainland China in the coming weeks and months even before the coronavirus outbreak. The looming disruption to global demand and supply chains from the coronavirus outbreak, combined with lower Chinese steel prices, has also resulted in a downward revision to the second-quarter outlook for steel prices in the United States and Europe.





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Director – Pricing and Purchasing, IHS Markit

John

Associa
Pricing
IHS Ma

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Exhibit 27

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Exhibit 28

Exhibit is Not Susceptible to Public Summary

Exhibit 29

Imports of Wire Rod from Mexico with Diameter < 5.0mm, 2008-2019
Quantity in ST

		2008	2009	2010	2011	2012	2013	2014*	2015*	2016*	2017*	2018	2019	
Total Imports from Mexico														
Subject Imports from Mexico	[													]
Smaller Diameter Imports from Mexico	[													]
Apparent U.S. Consumption	[													]
Smaller Diameter as % of Apparent U.S. Consumption	[													]

Sources:

Apparent Consumption:

- 2008-2013: 2nd Review Report at I-7 to I-8 (Table I-1).
- 2014-2016: Wire Rod from 10 Countries Report (Pub. No. 4752) at IV-21, Table IV-12.
- 2017-2019: Prehearing Report at I-43 (Table I-14).

Smaller Diameter Imports from Mexico:

- 2008-2013: 2nd Review Report at F-3 (Table F-1).

* - 2014-2017: Calculated based on total Imports from Mexico for HTS Subheadings: 7213990030, 7227906035, 7213990090, 7227906010, 7227200030, 7227906020, 7213913011, 7227200080, 7213914500, 7213913015, 7213913020, 7227906030, 7213916000, and 7213913093. (Accessed via DataWeb Jun 24, 2020) and subject imports from Mexico shown at **[**] and Prehearing Report at I-43 (Table I-14).

- 2018-2019: [ ].

Exhibit 30

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BASIC MATERIALS MARCH 25, 2019 / 1:29 PM / A YEAR AGO

Mexico renews 15 pct steel tariff on countries without trade deals

2 MIN READ

MEXICO CITY, March 25 (Reuters) - Mexico renewed a 15 percent steel tariff on countries with which it does not currently have free trade agreements, according to an order published in the government's official gazette on Monday, after the measure lapsed in January.

The tariff was established in 2015 to protect Mexico's domestic steel producers from growing Asian imports. Since then, Mexico has periodically renewed the measure.

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The tariffs apply to the same 186 products that had been covered before. The order cited a global supply glut and falling prices, as well as a lack of what it characterized as “distortion-free competition.”

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Last year, the U.S. government imposed tariffs on foreign exporters of steel and aluminum, including Mexico, citing national security concerns. Mexican officials widely denounced the tariffs as unfair. The U.S. steel tariff was set at 25 percent, while a separate aluminum tariff was set at 15 percent.

A senior Mexican official said last month that his country's measure would be renewed. (Reporting by Sharay Angulo; writing by Daina Beth Solomon; editing by Jonathan Oatis)

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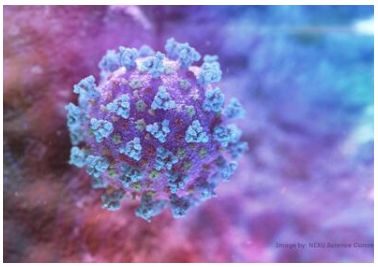

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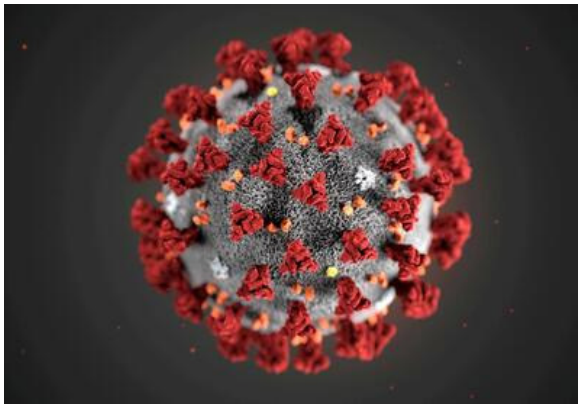

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Exhibit 31

RESOLUCIÓN Final de la investigación antidumping sobre las importaciones de alambrón de acero originarias de la República Popular China, independientemente del país de procedencia.

Al margen un sello con el Escudo Nacional, que dice: Estados Unidos Mexicanos.- Secretaría de Economía.

RESOLUCIÓN FINAL DE LA INVESTIGACIÓN ANTIDUMPING SOBRE LAS IMPORTACIONES DE ALAMBRÓN DE ACERO ORIGINARIAS DE LA REPÚBLICA POPULAR CHINA, INDEPENDIENTEMENTE DEL PAÍS DE PROCEDENCIA

Visto para resolver en la etapa final el expediente administrativo 15/15, radicado en la Unidad de Prácticas Comerciales Internacionales (UPCI) de la Secretaría de Economía (la "Secretaría"), se emite la presente Resolución de conformidad con los siguientes

RESULTANDOS

A. Solicitud

1. El 7 de julio de 2015 ArcelorMittal Las Truchas, S.A. de C.V., Deacero, S.A.P.I. de C.V. y Ternium México, S.A. de C.V. ("ArcelorMittal", "Deacero" y "Ternium", respectivamente, o las "Solicitantes" en conjunto), solicitaron el inicio de la investigación administrativa por prácticas desleales de comercio internacional, en su modalidad de discriminación de precios, sobre las importaciones de alambrón de acero, incluidas las definitivas y temporales, así como las que ingresan al amparo de la Regla Octava de las complementarias ("Regla Octava") para la aplicación de la Tarifa de la Ley de los Impuestos Generales de Importación y de Exportación (TIGIE), originarias de la República Popular China ("China"), independientemente del país de procedencia.

B. Inicio de la investigación

2. El 2 de septiembre de 2015 se publicó en el Diario Oficial de la Federación (DOF) la Resolución de inicio de la investigación antidumping (la "Resolución de Inicio"). Se fijó como periodo de investigación el comprendido del 1 de abril de 2014 al 31 de marzo de 2015 y como periodo de análisis de daño el comprendido del 1 de abril de 2012 al 31 de marzo de 2015.

C. Producto objeto de investigación

1. Descripción general

3. El producto objeto de investigación es el alambrón de acero al carbono y acero aleado, de sección circular u ovalada. Técnica o comercialmente se le conoce como alambrón y en el mercado internacional como "wire rod" o "steel wire rod".

2. Tratamiento arancelario

4. El alambrón de acero al carbono y acero aleado ingresa por las fracciones arancelarias 7213.10.01, 7213.20.01, 7213.91.01, 7213.91.02, 7213.99.01, 7213.99.99, 7227.10.01, 7227.20.01, 7227.90.01 y 7227.90.99 de la TIGIE, cuya descripción es la siguiente:

Descripción arancelaria	
Codificación arancelaria	**Descripción**
Capítulo 72	Fundición, hierro y acero.
Partida 7213	Alambrón de hierro o acero sin alear.
Subpartida 7213.10	-Con muescas, cordones, surcos o relieves, producidos en el laminado.
Fracción 7213.10.01	Con muescas, cordones, surcos o relieves, producidos en el laminado.
Subpartida 7213.20	-Los demás, de acero de fácil mecanización.
Fracción 7213.20.01	Los demás, de acero de fácil mecanización.
Subpartida 7213.91	--De sección circular con diámetro inferior a 14 mm.
Fracción 7213.91.01	Con un contenido de carbono inferior a 0.4% en peso.
Fracción 7213.91.02	Con un contenido de carbono igual o superior a 0.4% en peso.
Subpartida 7213.99	--Los demás.
Fracción 7213.99.01	Alambrón de acero con un contenido máximo de carbono de 0.13%, 0.1% máximo de silicio, y un contenido mínimo de aluminio de 0.02%, en peso.

Fracción 7213.99.99	Los demás
Partida 7227	Alambrón de los demás aceros aleados.
Subpartida 7227.10	-De acero rápido.
Fracción 7227.10.01	De acero rápido.
Subpartida 7227.20	-De acero silicomanganeso.
Fracción 7227.20.01	De acero silicomanganeso.
Subpartida 7227.90	-Los demás.
Fracción 7227.90.01	De acero grado herramienta.
Fracción 7227.90.99	Los demás.

Fuente: Sistema de Información Arancelaria Vía Internet (SIAVI).

5. El producto objeto de investigación también ingresa al amparo de la Regla Octava a través del capítulo 98 (Operaciones Especiales), fundamentalmente a través de las fracciones arancelarias 9802.00.01 (Industria Eléctrica), 9802.00.07 (Industria de Bienes de Capital), 9802.00.13 (Industria Siderúrgica), 9802.00.19 (Industria Automotriz y de Autopartes) y 9802.00.23 (Industria Siderúrgica), de la TIGIE.

6. La unidad de medida para operaciones comerciales es la tonelada; conforme a la TIGIE es el kilogramo.

7. De acuerdo con el SIAVI, las importaciones que ingresan por las fracciones arancelarias 7213.10.01, 7213.20.01, 7213.91.01, 7213.91.02, 7213.99.01, 7213.99.99, 7227.10.01, 7227.20.01, 7227.90.01 y 7227.90.99 de la TIGIE quedaron libres de arancel a partir del 1 de enero de 2012, cualquiera que sea su origen.

8. El 5 de diciembre de 2013 se publicó en el DOF el "Acuerdo que modifica al diverso por el que la Secretaría de Economía emite reglas y criterios de carácter general en materia de Comercio Exterior" y se sujetan a la presentación de un aviso automático ante la Secretaría las mercancías comprendidas en las fracciones arancelarias 7213.10.01, 7213.20.01, 7213.91.01, 7213.91.02, 7213.99.01 y 7213.99.99 de la TIGIE, para efectos de monitoreo estadístico comercial cuando se destinen al régimen aduanero de importación definitiva.

9. El 7 de octubre de 2015 se publicó en el DOF el "Decreto por el que se modifica la Tarifa de la Ley de los Impuestos Generales de Importación y Exportación y el Decreto por el que se establecen diversos programas de promoción sectorial", en el que se señaló que las importaciones que ingresan por las fracciones arancelarias señaladas en el punto 4 de la presente Resolución, están sujetas a un arancel del 15% a partir del 8 de octubre de 2015 hasta el 4 de abril de 2016. No obstante, mediante publicación en el DOF del 4 de abril de 2016, se determinó mantener vigente dicho arancel hasta el 1 de octubre de 2016.

3. Características físicas y composición química

10. El alambrón se fabrica con acero al carbono y acero aleado, de sección circular u ovalada. De acuerdo con las normas ASTM A510 y ASTM A752M de la Sociedad Americana para Pruebas y Materiales, ("ASTM", por las siglas en inglés de American Society for Testing Materials), la composición química del acero al carbono es principalmente mineral de hierro, carbono y otros elementos como manganeso, silicio, azufre y fósforo; en el caso de los aceros aleados, éstos incluyen, además, aluminio, cobre, cromo, molibdeno, níquel, plomo, tungsteno y vanadio. De acuerdo con los catálogos de las empresas productoras de alambrón de acero de China, éstas fabrican el alambrón de acero en diámetros desde 5.5 hasta 14 milímetros (mm). Sin embargo, la información del listado de operaciones de importación del Sistema de Información Comercial de México (SIC-M), correspondiente a las fracciones arancelarias 7213.10.01, 7213.20.01, 7213.91.01, 7213.91.02, 7213.99.01, 7213.99.99, 7227.10.01, 7227.20.01, 7227.90.01 y 7227.90.99 de la TIGIE, indica que se importó de China alambrón de acero con un diámetro de hasta 18 mm.

4. Normas técnicas

11. El alambrón de acero se produce principalmente conforme a las especificaciones de las normas de la ASTM. En particular, las Solicitantes indicaron que el producto objeto de investigación se produce fundamentalmente bajo especificaciones de las normas ASTM A510 y ASTM A752M.

12. Sustentaron su afirmación con información de los catálogos de las empresas productoras de alambrón de acero de China, indicadas en el punto 14 de la Resolución de Inicio y 13 de la Resolución Preliminar. De acuerdo con esta información, dichas empresas fabrican el alambrón de acero principalmente bajo especificaciones de las normas ASTM A510, ASTM A615 y de la Sociedad de Ingenieros Automotrices ("SAE", por las siglas en inglés de Society of Automotive Engineers) con diversos grados de acero, por ejemplo 1006, 1008, 1010, 1012, 1015 y 1018. Otras empresas, por ejemplo, Tianjin O.I.E. Haihang Imp&Exp.,

emplean las Normas Industriales de Japón ("JIS", por las siglas en inglés de Japan Industrial Standards), por ejemplo, la JIS G3505.

13. Al respecto, conforme a la descripción del producto en el listado electrónico de operaciones de importación del SIC-M por las fracciones arancelarias 7213.10.01, 7213.20.01, 7213.91.01, 7213.91.02, 7213.99.01, 7213.99.99, 7227.10.01, 7227.20.01, 7227.90.01 y 7227.90.99 de la TIGIE, la Secretaría observó que durante el periodo analizado se registraron importaciones de alambrón de acero originarias de China, que cumplen con las normas SAE 1006 B, SAE 1008 B, SAE 1010 B, SAE 1015 B, SAE 1018 B y SAE 1022 B.

5. Proceso productivo

14. Los principales insumos para fabricar alambrón de acero son chatarra, mineral de hierro, carbón, aleaciones metálicas, energía eléctrica y gas natural. De acuerdo con las Solicitantes, el proceso de producción del alambrón es prácticamente el mismo en el mercado internacional (incluido China), pues la única diferencia es la forma de obtener el acero: fundamentalmente mediante Alto Horno ("BF", por las siglas en inglés de Blast Furnace) o por Horno Eléctrico de Arco ("EAF", por las siglas en inglés de Electric Arc Furnace).

15. Al respecto, la publicación de “The World Steel Association” (WSA) de 2014, indica que la obtención de acero en el mundo se realizó fundamentalmente mediante los procesos que las Solicitantes señalaron. En efecto, la información de esta publicación señala que la producción mundial de este material por tipo de horno, se distribuyó de la siguiente forma en 2013: 71.2% en BF, 28.2% en EAF y sólo 0.6% en Hornos de Hogar Abierto.

16. Las Solicitantes proporcionaron información de las páginas de Internet de las empresas chinas Anshan Iron and Steel Group Corporation y Sinosteel Equipment & Engineering Co., Ltd., en las que se indica que utilizan el proceso BF y EAF, respectivamente, para la obtención del acero, lo que sustenta que en China este insumo se produce mediante dichos procesos.

17. El proceso de producción de alambrón de acero en China se efectúa mediante las etapas de extracción y obtención de materias primas principales como mineral de hierro, chatarra y carbono, producción del acero líquido en hornos BF y/o EAF, metalurgia secundaria, colada continua y laminación para obtener el alambrón de acero.

6. Usos y funciones

18. El alambrón de acero se utiliza principalmente como insumo para la fabricación de alambre y productos derivados de éste (mediante proceso de trefilado), tales como: mallas, castillos prefabricados, cables, resortes, clavos, tornillos, así como para sujetadores, entre otros. También se utiliza en el sector de la construcción, primordialmente como refuerzo para amarres, rejillas y ornamentos. Los catálogos de las empresas productoras chinas Tianjin Juncheng Yahe International Trade Co., Ltd., Tianjin Shengjintai Steel & Iron Co., Ltd., Tangshan Henglong Trading Co., Ltd. y Shagang Group constatan estos usos y aplicaciones del alambrón de acero.

D. Convocatoria y notificaciones

19. Mediante la Resolución de Inicio, la Secretaría convocó a las importadoras y exportadoras del producto objeto de investigación y a cualquier persona que considerara tener interés jurídico en el resultado de la presente investigación, para que comparecieran a presentar los argumentos y las pruebas que estimaran pertinentes.

20. La Secretaría notificó el inicio de la investigación antidumping a la Solicitante, importadoras y exportadoras de que tuvo conocimiento y al gobierno de China. Con la notificación les corrió traslado de la versión pública, de la respuesta a la prevención y sus respectivos anexos, así como de los formularios oficiales de investigación, con objeto de que formularan su defensa.

E. Partes interesadas comparecientes

21. Las partes interesadas que comparecieron en tiempo y forma al presente procedimiento son las siguientes:

1. Productoras nacionales

ArcelorMittal Las Truchas, S.A. de C.V.

Deacero, S.A.P.I. de C.V.

Ternium México, S.A. de C.V.

Guillermo González Camarena No. 1200, piso 4

Col. Santa Fe Peña Blanca
C.P. 01210, Ciudad de México

2. Importadoras

Aceros Titán, S.A. de C.V.
Calle del Cenote No. 12
Col. Jardines del Pedregal de San Ángel
C.P. 04500, Ciudad de México

Grupo Acerero, S.A. de C.V.
Av. Sierra de Zimapán No. 4
Edificio Fontana, despacho 22
Col. Villas del Sol
C.P. 76046, Santiago de Querétaro, Querétaro

F. Resolución Preliminar

22. El 22 de diciembre de 2015 la Secretaría publicó en el DOF la Resolución preliminar de la investigación antidumping (la "Resolución Preliminar"). Se determinó continuar con la investigación e imponer una cuota compensatoria provisional de $0.49 dólares de los Estados Unidos (“dólares”) por kilogramo, equivalente al margen de discriminación de precios calculado.

23. Mediante la publicación a que se refiere el punto anterior, la Secretaría convocó a las partes interesadas comparecientes para que presentaran los argumentos y las pruebas complementarias que estimaran pertinentes.

24. La Secretaría notificó la Resolución Preliminar a las partes interesadas comparecientes y al gobierno de China.

G. Reuniones técnicas de información

25. Dentro del plazo establecido en el artículo 84 del Reglamento de la Ley de Comercio Exterior (RLCE), Ternium solicitó una reunión técnica de información con el objeto de conocer la metodología que la Secretaría utilizó para llegar a la determinación de la Resolución Preliminar. La reunión se realizó el 19 de enero de 2016. La Secretaría levantó el reporte de la reunión, mismo que obra en el expediente administrativo, de conformidad con el artículo 85 del RLCE.

26. El 18 de enero de 2016 se negó a ArcelorMittal la celebración de una reunión técnica de información, por haber presentado su solicitud de forma extemporánea. Lo anterior, mediante oficio UPCI.416.16.0131, mismo que se tiene por reproducido como si a la letra se insertara en la presente Resolución.

H. Argumentos y medios de prueba complementarios

1. Productoras nacionales

27. El 3 de febrero de 2016 ArcelorMittal, Deacero y Ternium manifestaron:

A. Ni las empresas importadoras, ni el gobierno de China, refutaron los argumentos de la rama de producción nacional, ni presentaron información que pudiera desvirtuar la información presentada por las Solicitantes, así como la información analizada por la Secretaría para llegar a las conclusiones sobre la existencia de la discriminación de precios y el daño causado a la rama de producción nacional del producto objeto de investigación.

B. Las contrapartes no pueden refutar el potencial exportador, ni la capacidad libremente disponible de China sobre el alambrón de acero. El comportamiento reciente de la economía de China lleva a concluir que aumentará el potencial exportador e incentivará la búsqueda de nuevos mercados externos que puedan absorber sus excedentes, en condiciones de prácticas desleales de comercio internacional, por lo que el mercado mexicano representa un destino real para dichas exportaciones.

C. En febrero de 2015 ingresó un volumen de importaciones de origen chino de cuarenta y cinco mil toneladas, monto que no se había registrado por importaciones de ningún otro país. Durante el periodo analizado, el volumen promedio mensual de importaciones de otros países fue inferior a cinco mil toneladas.

D. Existe el riesgo de que los volúmenes de importación del producto originario de China, continúen en ascenso, lo que pondría en grave riesgo a la rama de producción nacional, dadas las condiciones y los bajos niveles a los que suele ingresar el producto en los mercados internacionales.

E. Una alternativa para medir el tamaño del mercado es a través de la suma de las ventas internas nacionales más las importaciones. Haciendo este ejercicio se confirma un ingreso importante de producto chino en el mercado, durante el periodo analizado, por lo siguiente:

a. las importaciones chinas pasaron de representar el 2.5% en abril de 2012 a marzo de 2013 al 9.1% en el periodo analizado, es decir, un aumento de 7 puntos porcentuales, y

b. la rama de producción nacional bajó de 86% a 78% en el mismo lapso, una reducción de casi 10 puntos porcentuales atribuible al ingreso creciente de las importaciones objeto de discriminación de precios.

F. Las importaciones objeto de discriminación de precios aumentaron, al pasar de representar 1% en el periodo abril 2012 a marzo 2013 al 5 % en el periodo investigado.

G. La industria productora de alambrón de acero de origen chino enfrenta diversas medidas de remedio comercial en los mercados internacionales; dicha situación aumentará la necesidad de que los exportadores chinos busquen mercados alternativos como destino de sus productos, en un contexto de desaceleración en el consumo interno de productos siderúrgicos, y un mercado mexicano abierto a la competencia internacional. Tales como las siguientes:

a. el 14 de octubre de 2015, la Unión Europea impuso derechos antidumping definitivos en el orden del 24% sobre las importaciones de alambrón originarias de China;

b. en septiembre de 2015, Colombia adoptó una salvaguardia a las importaciones de alambrón originarias de países miembros de la Organización Mundial del Comercio (OMC) para imponer derechos antidumping provisionales a las importaciones del mismo producto originarias de China, en un valor correspondiente a la diferencia entre el precio base libre a bordo (“FOB”, por las siglas en inglés de Free On Board) de 541.06 dólares por tonelada y el precio FOB declarado por el importador;

c. en agosto de 2015, el gobierno de Australia inició una investigación antidumping sobre el alambrón chino y en noviembre de 2015 se estableció una cuota provisional para los exportadores chinos de hasta 18.4%. En julio de 2015, se inició una investigación antidumping sobre la barra de refuerzo exportada de China y en diciembre del mismo año se estableció una cuota preliminar de dumping de hasta 24%;

d. en enero de 2014, los Estados Unidos inició una investigación antidumping contra el alambrón de acero proveniente de China, la cual finalizó en enero 2015 y confirmó que el alambrón de acero al carbono y de cierta aleación, importado de China, estaba siendo subsidiado y vendido a un precio menor en los Estados Unidos;

e. el 16 de octubre de 2015, el gobierno chileno impuso una medida de salvaguardia de 37.8%, orientada al alambrón de origen chino hasta por 200 días, contados a partir del 6 de octubre de 2015;

f. el 3 de septiembre de 2015, la Comisión Nacional de Aranceles de Paquistán, recibió una solicitud antidumping, presentada por varias empresas nacionales productoras, y

g. el 8 enero de 2015, el Departamento de Comercio Internacional de Tailandia inició una investigación contra el alambrón de acero al carbono, el alambrón de acero al carbono con baja aleación y el alambrón de acero al carbono para el revestimiento en frío y forja en frío, originarios de China.

H. Las importaciones de alambrón de China ingresan con márgenes significativos de discriminación de precios, en niveles mayores a los considerados de minimis en la legislación vigente. Los volúmenes de las importaciones de China son significativos, y las mercancías registraron un aumento a lo largo del periodo analizado, tanto en términos absolutos, como en relación al Consumo Nacional Aparente (CNA) y con el consumo interno; también en relación con el total importado y en relación con la producción nacional. Los principales indicadores económicos de la rama de producción nacional reflejan un deterioro significativo en el tiempo en que se registró el aumento del producto chino en condiciones de discriminación de precios.

I. Las variables que se ven afectadas son la caída en los precios internos y una reducción en los ingresos por ventas internas, caídas en los niveles de producción, producción para venta, ventas al mercado interno, pérdida de participación de mercado (tanto en el CNA como en el consumo interno), y baja en los niveles de utilización de la capacidad instalada, de empleo, deterioro en utilidades operativas y en los márgenes operativos.

28. ArcelorMittal, Deacero y Ternium presentaron:

A. "Customs Act 1901-Part XVB" ADN 2015/142, del 27 de noviembre de 2015, que contiene la Resolución emitida por la Comisión Anti-dumping del Gobierno de Australia, mediante la cual se inicia una investigación sobre alambrón exportado de China y se establece una cuota provisional a dichas mercancías.

B. Anti-Dumping Notice No. 2015/151 del 21 de diciembre de 2015, que contiene la Resolución emitida por la Comisión Anti-dumping del Gobierno de Australia mediante la cual se establece una cuota preliminar a las importaciones de barra de refuerzo de China.

C. "Official Journal of European Union" del 14 de octubre del 2015, emitido por la Comisión Europea, en el cual se impusieron cuotas compensatorias definitivas a las importaciones de alambrón provenientes de China.

D. Diario Oficial del 30 de septiembre de 2015, emitido por el Ministerio de Industria y Comercio de Colombia, en el cual se adopta una salvaguardia a las importaciones de alambrón originarias de China.

E. Federal Register / Vol. 80 del 8 de enero de 2015, emitido por la International Trade Commission, mediante el cual se inicia una investigación antidumping en contra de las importaciones de alambrón de China y se confirma que el alambrón de acero al carbono y de cierta aleación está siendo subsidiado y vendido a un precio menor a los Estados Unidos.

F. "Notice of Initiation of anti-dumping investigation against Alleged Dumped imports of Wire Rod into Pakistan Originating in and/or Exported from the People's Republic of China" del 19 de octubre de 2015, emitido por la Comisión Nacional de Tarifas de Paquistán.

G. Notificación del Departamento de Comercio Internacional de Tailandia, sobre la iniciación de una investigación antidumping de alambrón de acero originario de China, del 8 de enero de 2015.

H. Los siguientes artículos:

a. "U.S. Weighing More Antidumping Cases, Mainly against Chinese Steel", obtenido de la página de Internet de "The Wall Street Journal", mediante el cual el Secretario de Comercio de los Estados Unidos, explica que en los últimos 15 años existen más casos de dumping y la mayoría de ellos están relacionados con los casos de acero en China;

b. "CAP welcomes Chile's safeguarding duty on wire rod imports" del 7 de octubre de 2015, obtenido del Steel First del Metal Bulletin, en donde se publica que el gobierno chileno impuso una salvaguardia al alambrón de acero de origen chino;

c. "National Tariff Commission initiates antidumping investigation agains Chinese wire rod imports" del 19 de octubre de 2015, obtenido de la página de Internet del Middle East Steel News, en el cual se publica que la Comisión Nacional de Tarifas de Paquistán lanza una investigación antidumping contra las importaciones de alambrón originarias de China;

d. "China 2015, by the numbers", del 19 de enero de 2016, obtenido de la página de Internet de la Asociación Latinoamericana del Acero, y

e. "China's Slowdown Continues" del 20 de enero de 2016, obtenido de la página de Internet del International Strategic Analysis.

2. Importadoras

29. El 4 de febrero de 2016 Aceros Titán, S.A. de C.V. ("Aceros Titán") manifestó:

A. Al no haber importaciones durante el periodo investigado a través de las fracciones arancelarias 7213.10.01, 7213.20.01, 7213.99.01, 7213.99.99, 7227.10.01 y 7227.90.01, así como las 9802.00.01, 9802.00.07, 9802.00.19 y 9802.00.23 de la TIGIE, la Secretaría debe excluir dichas fracciones de la presente investigación. Lo anterior, debido a lo siguiente:

a. el artículo 2.1 del Acuerdo relativo a la Aplicación del Artículo VI del Acuerdo General sobre Aranceles Aduaneros y Comercio de 1994 (el "Acuerdo Antidumping"), señala que un producto puede ser objeto de dumping cuando se introduce en el mercado de otro país a un precio inferior a su valor normal. En consecuencia, al no haber importaciones de alambrón de acero de origen chino en el transcurso del periodo investigado a través de las fracciones señaladas, las mismas no pudieron haber sido objeto de dumping, ni del supuesto daño a la rama de producción nacional, ni de la relación causal entre ambos elementos;

b. de acuerdo con el artículo 28 de la Ley de Comercio Exterior (LCE), al no haberse realizado importaciones a través de las fracciones antes señaladas, no puede existir análisis alguno en cuanto a si las mismas se realizaron en condiciones de dumping, y menos aún si las mismas causaron daño a una rama de producción nacional;

c. a pesar de no haberse materializado importaciones a través de dichas fracciones arancelarias, la Secretaría impuso una cuota compensatoria provisional, lo cual es contrario a derecho toda vez que el artículo 7.1 del Acuerdo Antidumping señala que "sólo podrán aplicarse medidas provisionales si se ha llegado a una determinación preliminar positiva de la existencia de dumping y del consiguiente daño a una rama de producción nacional", y

d. asimismo, la Resolución Preliminar no puede imponer una cuota compensatoria provisional sobre las importaciones que eventualmente puedan ingresar bajo dichas fracciones.

B. La cuota compensatoria provisional debe ser suprimida en razón de lo siguiente:

a. del análisis efectuado por la Secretaría en los puntos 117 y 118 de la Resolución Preliminar, se desprende que no existe daño a la producción nacional de alambrón de acero y, en todo caso, no existe causalidad, ya que la afectación que se estaría registrando se explica por la disminución de las exportaciones;

b. en cuanto a la producción, este indicador registró una disminución marginal de 1% en el periodo analizado, al final de dicho periodo evolucionó de manera positiva ya que registró un aumento de 3% en el periodo investigado, y

c. la producción dirigida al mercado interno se mantuvo en una tendencia a la alza, creciendo 10% en el periodo investigado y 4% en el periodo analizado.

C. El ingreso de las importaciones investigadas no está dañando el comportamiento de la producción nacional, el volumen dirigido al mercado interno registró tasas significativas de crecimiento, similares a las que registró el CNA.

D. El Informe del Grupo Especial del caso México-Derechos antidumping sobre las tuberías de acero procedentes de Guatemala (WT/DS331/R), del 17 de abril de 2007, concluyó que una autoridad investigadora imparcial y objetiva no debe atribuir el supuesto daño que sufre la rama de la producción nacional a las importaciones investigadas, cuando las pruebas objetivas que tuvo a la vista exhiben que, el daño fue originado por una disminución de las exportaciones.

E. Un análisis objetivo e integral que tenga por objeto demostrar la existencia de causalidad entre las importaciones investigadas y el daño argumentado, debe incluir una evaluación completa, en términos económicos, sobre la no atribución del daño a factores ajenos a las importaciones originarias de China, por lo anterior, Aceros Titán solicita a la Secretaría cuantificar los efectos negativos originados por la caída de las exportaciones y no atribuirlos a las importaciones investigadas.

F. En el supuesto de que la Secretaría determine la aplicación de cuotas definitivas, con fundamento en el artículo 9.1 del Acuerdo Antidumping, solicita se analice la procedencia de incluir el análisis relativo al establecimiento de cuotas compensatorias definitivas inferiores al margen de discriminación de precios.

30. Grupo Acerero, S.A. de C.V. ("Grupo Acerero") omitió presentar argumentos y pruebas complementarias.

I. Requerimientos de información

1. Prórroga

31. El 3 de marzo de 2016 se otorgó a ArcelorMittal una prórroga para presentar su respuesta al requerimiento de información formulado por la Secretaría el 19 de febrero de 2016. El plazo venció el 11 de marzo de 2016.

2. Productoras nacionales

32. El 4 de marzo de 2016 Deacero respondió al requerimiento de información que la Secretaría le formuló el 19 de febrero de 2016, a efecto de que proporcionara, entre otra información, estimaciones respecto al empleo y los salarios para la producción destinada a ventas y para el autoconsumo, tanto para el periodo analizado como para el periodo comprendido de abril de 2015-marzo de 2016 y los siguientes dos periodos comparables, explicara la metodología para dichas estimaciones, aclarara cierta información sobre el

indicador de autoconsumo y proporcionara el valor de la mercancía que destina al autoconsumo para el periodo analizado.

33. El 11 de marzo de 2016 ArcelorMittal respondió al requerimiento de información que la Secretaría le formuló el 19 de febrero de 2016, a efecto de que proporcionara, entre otra información, estimaciones respecto al empleo y los salarios para la producción destinada a ventas y para el autoconsumo, tanto para el periodo analizado como para el periodo comprendido de abril de 2015-marzo de 2016 y los siguientes dos periodos comparables, explicara la metodología para dichas estimaciones, el precio que utilizó para calcular el valor de la mercancía para el autoconsumo y aclarara cuáles son los gastos administrativos derivados de operaciones por autoconsumo.

J. Otras comparecencias

34. El 18, 19 y 22 de febrero de 2016, ArcelorMittal, Deacero y Ternium, solicitaron se desechara el escrito presentado por Aceros Titán el 4 de febrero de 2016, toda vez que consideraron que dicha información no es complementaria.

K. Hechos esenciales

35. El 28 de abril de 2016 la Secretaría notificó a las partes interesadas comparecientes y al gobierno de China, los hechos esenciales de esta investigación, los cuales sirvieron de base para emitir la presente Resolución, de conformidad con el artículo 6.9 del Acuerdo Antidumping.

36. El 12 y 16 de mayo de 2016, únicamente las Solicitantes presentaron sus manifestaciones respecto a los hechos esenciales.

L. Audiencia pública

37. El 9 de mayo de 2016 se celebró la audiencia pública de este procedimiento. Participaron las Solicitantes y la importadora Aceros Titán, quienes tuvieron oportunidad de exponer sus argumentos y replicar los de sus contrapartes, según consta en el acta que se levantó con tal motivo, la cual constituye un documento público de eficacia probatoria plena, de conformidad con el artículo 46 fracción I de la Ley Federal de Procedimiento Contencioso Administrativo (LFPCA).

38. El 11 de mayo de 2016 ArcelorMittal presentó la respuesta a la pregunta que quedó pendiente de responder en la audiencia pública.

M. Alegatos

39. El 12 y 16 de mayo de 2016 las Solicitantes y Aceros Titán presentaron sus alegatos, los cuales se consideraron para emitir la presente Resolución.

N. Ampliación de la vigencia de la cuota compensatoria provisional

40. De conformidad con el artículo 7.4 del Acuerdo Antidumping y toda vez que la Secretaría determinó evaluar la factibilidad de aplicar cuotas compensatorias inferiores a los márgenes de discriminación de precios que se determinen, en un monto suficiente para eliminar el daño a la producción nacional, se amplió a seis meses el plazo de vigencia de la cuota compensatoria provisional, el cual venció el 23 de junio de 2016.

O. Opinión de la Comisión de Comercio Exterior

41. Con fundamento en los artículos 58 de la LCE y 15 fracción XI del Reglamento Interior de la Secretaría de Economía (RISE), se sometió el proyecto de la presente Resolución a la opinión de la Comisión de Comercio Exterior, que lo consideró en su sesión del 30 de junio de 2016. El proyecto fue opinado favorablemente por mayoría.

CONSIDERANDOS

A. Competencia

42. La Secretaría es competente para emitir la presente Resolución, conforme a los artículos 16 y 34 fracciones V y XXXIII de la Ley Orgánica de la Administración Pública Federal; 1, 2 apartado B fracción V y 15 fracción I del RISE; 9.1 y 12.2 del Acuerdo Antidumping, 5 fracción VII y 59 fracción I de la LCE, y 80 y 83 fracción I del RLCE.

B. Legislación aplicable

43. Para efectos de este procedimiento son aplicables el Acuerdo Antidumping, la LCE, el RLCE, el Código Fiscal de la Federación, la LFPCA y el Código Federal de Procedimientos Civiles, estos últimos tres de aplicación supletoria.

C. Protección de la información confidencial

44. La Secretaría no puede revelar públicamente la información confidencial que las partes interesadas le presentaron, ni la información confidencial de que ella misma se allegó, de conformidad con los artículos 6.5 del Acuerdo Antidumping, 80 de la LCE y 152 y 158 del RLCE.

D. Derecho de defensa y debido proceso

45. Las partes interesadas tuvieron amplia oportunidad para presentar toda clase de argumentos, excepciones y defensas, así como las pruebas para sustentarlos, de conformidad con el Acuerdo Antidumping, la LCE y el RLCE. La Secretaría las valoró con sujeción a las formalidades esenciales del procedimiento administrativo.

E. Respuesta a ciertos argumentos de las partes

1. Fracciones arancelarias investigadas

46. Aceros Titán solicitó excluir las fracciones arancelarias 7213.10.01, 7213.20.01, 7213.99.01, 7213.99.99, 7227.10.01 y 7227.90.01 de la TIGIE, así como las fracciones 9802.00.01, 9802.00.07, 9802.00.19 y 9802.00.23 de la presente investigación, toda vez que no se realizaron importaciones a través de las mismas durante el periodo investigado.

47. Por su parte, Ternium señaló que el argumento de la importadora es inválido, toda vez que las cuotas compensatorias se aplican al producto objeto de investigación, y no a las fracciones arancelarias.

48. Al respecto, la Secretaría considera improcedente la solicitud de la importadora, ya que de conformidad con lo previsto en los artículos 2.1 del Acuerdo Antidumping, 3 fracción III, 20 y 28 de la LCE, así como 2.5.1 y 2.5.2 del Acuerdo por el que la Secretaría de Economía emite Reglas y Criterios de Carácter General en Materia de Comercio Exterior, publicado en el DOF el 13 de diciembre de 2012, una investigación antidumping versa sobre el producto importado y, en su caso, las cuotas compensatorias se imponen a la mercancía, y no así sobre las fracciones arancelarias, por lo que resulta intrascendente si se realizaron importaciones o no por determinadas fracciones arancelarias; no obstante lo anterior, cabe señalar que salvo por tres de las fracciones arancelarias descritas, sí se registraron importaciones de otros orígenes distintos al investigado por dichas fracciones durante el periodo analizado referentes al producto objeto de investigación, por lo que se reitera que no es procedente excluir fracciones arancelarias.

2. Información complementaria

49. ArcelorMittal, Deacero y Ternium solicitaron se desechara el escrito presentado por Aceros Titán dentro del segundo periodo de ofrecimiento de pruebas, toda vez que consideraron que dicha información no es complementaria.

50. Al respecto, la Secretaría consideró improcedente la petición de las Solicitantes, toda vez que los argumentos presentados por Aceros Titán sí constituyen información complementaria a la presentada en el primer periodo de ofrecimiento de pruebas, ya que se basan en las conclusiones de las Resoluciones de Inicio y Preliminar.

F. Análisis de discriminación de precios

1. Precio de exportación

51. Las Solicitantes presentaron, a través de la Cámara Nacional de la Industria del Hierro y del Acero (CANACERO), el listado de las importaciones de alambrón de acero originarias de China, que ingresaron a través de las fracciones arancelarias 7213.10.01, 7213.20.01, 7213.91.01, 7213.91.02, 7213.99.01, 7213.99.99, 7227.10.01, 7227.20.01, 7227.90.01 y 7227.90.99 de la TIGIE, durante el periodo investigado, de acuerdo con la información proporcionada por el SAT. La Secretaría observó que durante el periodo investigado no se registraron importaciones a través de las fracciones arancelarias 7213.10.01, 7213.20.01, 7213.99.01, 7213.99.99, 7227.10.01 y 7227.90.01 de la TIGIE.

52. Las Solicitantes señalaron que el producto objeto de investigación también ingresa al amparo de la Regla Octava, a través de las fracciones arancelarias 9802.00.01, 9802.00.07, 9802.00.13, 9802.00.19 y 9802.00.23 de la TIGIE. Sin embargo, durante el periodo investigado únicamente se registraron importaciones por la fracción arancelaria 9802.00.13 de la TIGIE; adicionalmente, presentaron el listado de importaciones que ingresaron por estas fracciones.

53. Para seleccionar las operaciones de importación concernientes al producto objeto de investigación, utilizaron los siguientes criterios:

a. consideraron el total de importaciones por las fracciones arancelarias 7213.10.01, 7213.20.01, 7213.91.01, 7213.91.02, 7213.99.01, 7213.99.99, 7227.10.01, 7227.20.01, 7227.90.01 y 7227.90.99 de la TIGIE, ya que corresponden únicamente al producto objeto de investigación;

b. eliminaron las operaciones que por su naturaleza se refieren a trámites de importación que duplicarían el volumen, así como operaciones que no corresponden a internaciones directas al país, según la clave de los pedimentos (A3, A4, AF, BH, F4, F5, K1 y V1);

c. seleccionaron las operaciones referentes a alambrón de acero, incluyendo las que ingresaron por las fracciones arancelarias de la partida 9802 (Regla Octava), considerando los volúmenes y valores que calculó la CANACERO de las operaciones cuya descripción corresponde a alambrón de acero, y

d. calcularon el precio de exportación para cada tipo de alambrón, en dólares por kilogramo.

54. La Secretaría comparó el listado de importaciones presentado por la CANACERO con las cifras reportadas en el SIC-M, sin encontrar diferencias significativas. La Secretaría determinó calcular el precio de exportación a partir de las estadísticas de SIC-M, en virtud de que las operaciones contenidas en dicha base de datos se obtienen previa validación de los pedimentos aduaneros que se dan en un marco de intercambio de información entre agentes y apoderados aduanales, por una parte, y la autoridad aduanera por la otra, mismas que son revisadas por el Banco de México y, por tanto, se considera como la mejor información disponible.

55. En la etapa preliminar de la investigación, las importadoras Aceros Titán y Grupo Acerero presentaron sus operaciones de importación originarias de China, del producto objeto de investigación, correspondientes al periodo investigado. La Secretaría corroboró que estas operaciones estuvieran incluidas en la base de datos del SIC-M.

56. La Secretaría calculó un precio de exportación promedio ponderado en dólares por kilogramo para cada tipo de alambrón de acero, de conformidad con los artículos 39 y 40 del RLCE.

a. Ajustes al precio de exportación

57. Las Solicitantes propusieron ajustar el precio de exportación por flete externo, seguro, flete interno y despacho aduanero en China, ya que el precio de exportación se calculó con base en el valor de aduana del producto objeto de investigación. Para acreditar los ajustes propuestos presentaron una cotización de una empresa transportista.

58. La Secretaría identificó en la base de datos del SIC-M los términos de venta de las operaciones de importación realizadas durante el periodo investigado, las cuales se efectuaron en términos de costo y flete ("CFR", por las siglas en inglés de Cost and Freight), costo, seguro y flete ("CIF", por las siglas en inglés de Cost, Insurance and Freight), entregada en lugar convenido (“DAP”, por las siglas en inglés de Delivered At Place) y FOB, y dependiendo de éstos, ajustó el precio de exportación por los conceptos propuestos por las Solicitantes.

i. Flete marítimo y seguro

59. Las Solicitantes presentaron una estimación del costo por flete externo y seguro con base en la cotización de una empresa transportista, en la cual se hace referencia al transporte marítimo desde el puerto de Beihai, China, al puerto de Manzanillo, Colima, para un contenedor de 40 pies, considerando una carga promedio de 25,000 kilogramos. El seguro se cotizó como un porcentaje del valor CIF de las mercancías.

ii. Flete interno y gastos aduaneros

60. Las Solicitantes presentaron una estimación del costo por flete interno y gastos por despacho aduanero con base en la cotización de una empresa transportista, donde se incluye el costo de transporte de una fábrica en Nanning, Guangxi Zhuang, China, al puerto de embarque de Beihai, China, así como los gastos por despacho aduanero, para un contenedor de 40 pies, considerando una carga promedio de 25,000 kilogramos en ambos casos.

b. Determinación

61. De conformidad con los artículos 2.4 del Acuerdo Antidumping, 36 de la LCE y 53 y 54 del RLCE, la Secretaría ajustó el precio de exportación por concepto de flete externo, seguro, flete interno y gastos por despacho aduanero en China, considerando la información que aportaron las Solicitantes.

2. Valor normal

62. Las Solicitantes manifestaron que de acuerdo con el Protocolo de Adhesión de China a la OMC corresponde a los productores y exportadores de ese país demostrar que en el sector al que pertenecen tiene características de economía de mercado. También indicaron que al ser China un país con economía

centralmente planificada resulta apropiado determinar el valor normal conforme a precios de un país con economía de mercado para efectos de la presente investigación.

63. Ninguna de las partes comparecientes presentó argumentos que contravinieran la decisión de considerar a China como economía de no mercado, por lo que se aplicó la metodología de país sustituto, de conformidad con lo dispuesto en el numeral 15 literal a) del Protocolo de Adhesión de China a la OMC y los artículos 33 de la LCE y 48 del RLCE.

a. Selección de país sustituto

64. Las Solicitantes propusieron a Brasil como país sustituto para efectos de calcular el valor normal en la presente investigación.

65. Para sustentar su propuesta presentaron un estudio de mercado elaborado por la consultora especializada Setepla Tecnometal Engenharia ("Setepla") e información de diversas fuentes.

66. Indicaron que Setepla es una empresa brasileña de ingeniería, con cinco oficinas en ese país, que ofrece consultoría, diseño y gestión de proyectos en varios campos, incluyendo el siderúrgico. La Secretaría corroboró dicha información en la página de Internet de Setepla.

67. La selección de Brasil como el país con economía de mercado para efectos de determinar el valor normal se basó en los siguientes criterios:

i. Producción del producto objeto de investigación

68. De acuerdo con el estudio de mercado, existen en Brasil cuatro empresas productoras de alambrón de acero, abarcando dos de ellas más del 90% de la producción y las ventas. En 2014 la producción de alambrón de acero en Brasil alcanzó un volumen de 3.3 millones de toneladas, donde el mayor porcentaje correspondió al alambrón de acero al carbono según cifras del Instituto de Acero de Brasil. Además, señalaron que de acuerdo con información de CRU Monitor, a nivel mundial, para ese mismo año, Brasil se ubicó en el 5o. lugar entre los principales productores de alambrón de acero.

69. Las Solicitantes explicaron que la mercancía originaria de China y su similar producida en Brasil tienen diversas similitudes tanto físicas como químicas relacionadas con la materia, uso principal y proceso de producción. Presentaron un análisis comparativo entre la mercancía investigada y la producida en Brasil. Asimismo, señalaron las siguientes similitudes entre ambas mercancías (sin ser éstas las únicas):

a. se conforman de la misma materia que es el acero al carbono o acero aleado;

b. se presentan en un rango de diámetros similares y comunes, como 5.5, 6.5, 7.0, 8.0, 9.0, 10.0, 11, 12.70 a 14 mm, o más para el caso de Brasil;

c. se presentan en grados de acero similares y comunes como 1004, 1006, 1008, 1010, 1012;

d. se ofrecen en conformidad con las normas internacionales ASTM, las cuales son las más requeridas, y

e. la presentación de comercialización es generalmente en bobinas.

ii. Similitud en el proceso de producción

70. Las Solicitantes explicaron que el proceso de producción del alambrón de acero es un proceso maduro y sin variaciones significativas en todos los productores, siendo la única diferencia específica que en ciertos procesos se utiliza un horno BF y en otros un horno EAF. Las etapas que abarca el proceso conocido como BF incluyen la selección de las materias primas, fusión, colada continua y laminación, en tanto que para el EAF, comprenden la selección de materias primas, fusión y refinación de acero, desescoriado y sangrado, refinación secundaria (ajuste químico y térmico), colada continua y laminación.

71. Las Solicitantes indicaron que en China los procesos de fabricación de alambrón de acero corresponden a BF y EAF y que la tecnología de estos procesos es la misma internacionalmente y no ha cambiado en los últimos años. Por lo que hace a Brasil, los procesos BF y EAF son utilizados en plantas semi-integradas o totalmente integradas. Resaltaron que el proceso de producción del producto objeto de investigación en ambos países puede ser mediante BF que usa como materia prima principal el mineral de hierro o EAF que utiliza como materia principal la chatarra. Presentaron información de la WSA que muestra el porcentaje de la producción de acero que se obtuvo por proceso BF y EAF en China y Brasil, en 2013.

iii. Disponibilidad de insumos

72. Las Solicitantes explicaron que para la elaboración del alambrón de acero se utilizan como principales insumos la chatarra, mineral de hierro, carbón, aleaciones metálicas, energía eléctrica y gas natural. Señalaron que China y Brasil cuentan con materias primas básicas utilizadas en los procesos de producción BF y EAF.

73. Las Solicitantes proporcionaron información de la WSA referente a la producción de mineral de hierro y arrabio, en donde se observa que para 2013, China y Brasil están ubicados dentro de los principales productores de estos insumos.

74. Por lo que hace a la producción de energía eléctrica en Brasil, las Solicitantes presentaron información de Internet de la publicación Balance Energético Nacional 2014, publicado por el Ministerio de Minas y Energía de Brasil, la cual revela que Brasil generó energía eléctrica suficiente para satisfacer su propia demanda en 2011 y 2012. Asimismo, indicaron que China y Brasil son grandes generadores de electricidad en el mundo y proporcionaron datos de su producción y consumo correspondientes al periodo 2004 a 2012, obtenidos de la página de Internet de Index Mundi.

iv. Otros elementos

75. Las Solicitantes argumentaron que Brasil presenta un nivel de desarrollo económico comparable al de China. De acuerdo con el Banco Mundial, en 2014 Brasil y China se encuentran clasificados como países de ingreso medio alto, con un ingreso per cápita de 15,900 dólares para Brasil y de 13,130 dólares para China. En ambos países la generación de valor agregado en el Producto Interno Bruto (PIB) se deriva de los sectores industriales y de servicios.

76. Agregaron que el volumen de producción de la industria siderúrgica de ambos países hace que sus economías sean comparables, ubicándose entre los primeros diez países productores de acero y entre los primeros productores de mineral de hierro y de alambrón de acero, de acuerdo con datos del "Anuario Estadístico 2014", publicado por el Comité de Estudios Económicos de la WSA, para el periodo 2010-2013.

77. También explicaron que en Brasil no existe interferencia del gobierno en las decisiones de producción, inversión o abastecimiento de insumos en la industria siderúrgica. Presentaron el reporte "Estructura Económica Brasil", de octubre de 2013, publicado por la Oficina Económica y Comercial de la Embajada de España en Brasilia, que señala que a partir de 1990 Brasil se abre al exterior, generándose la desaparición de empresas ineficientes y la privatización de la mayoría de las empresas estatales siderúrgicas, petroquímicas y de telecomunicaciones, eliminándose así el control o injerencia del sector gubernamental.

78. Adicionalmente, presentaron el artículo "Competitividad Industrial en Brasil. 10 años después de la liberalización", publicado por la revista de la Comisión Económica para América Latina y el Caribe, que plantea que las reformas impulsadas en los años noventa, tuvieron por objetivo, entre otros: i) la desregulación económica, que incluyó la desaparición de mecanismos de control de precios para bienes y servicios, así como la eliminación de mercados protegidos, y ii) la liberalización del sector externo, que comprendió la reducción de barreras arancelarias y no arancelarias, al igual que la privatización de las industrias manufactureras. A juicio de las Solicitantes las condiciones apuntadas en este artículo aún prevalecen, confirmándose la propiedad privada de los medios de producción siderúrgica.

b. Determinación

79. El tercer párrafo del artículo 48 del RLCE define que por país sustituto se entenderá un tercer país con economía de mercado similar al país exportador con economía que no sea de mercado. Agrega que la similitud entre el país sustituto y el país exportador se definirá de manera razonable, de tal modo que el valor normal en el país exportador, pueda aproximarse sobre la base del precio interno en el país sustituto, considerando criterios económicos. Para cumplir con dicha disposición, la Secretaría efectuó un análisis integral de la información proporcionada por las Solicitantes para considerar a Brasil como país sustituto de China. La Secretaría observó que ambos países son productores de la mercancía investigada y que existe similitud en los procesos de producción, los cuales contemplan en ambos países, la utilización de procesos de BF y EAF. Respecto a la disponibilidad de insumos necesarios para la fabricación del producto investigado, tanto en Brasil como en China existe una importante producción de mineral de hierro y arrabio, principales insumos para la fabricación de alambrón de acero. A partir de lo anterior, se puede deducir de manera razonable que la intensidad en el uso de los factores de la producción del producto objeto de investigación es similar en ambos países.

80. Ninguna de las partes comparecientes presentó argumentos en contra de la selección de Brasil como país de economía de mercado sustituto de China.

81. Con base en el análisis anteriormente descrito y de conformidad con los artículos 33 de la LCE, 48 del RLCE y el numeral 15 literal a) del Protocolo de Adhesión de China a la OMC, la Secretaría determinó utilizar a Brasil como país con economía de mercado sustituto de China para efectos del cálculo del valor normal.

c. Precios en el mercado interno del país sustituto

82. Para acreditar el valor normal, las Solicitantes presentaron el estudio de mercado de la consultora brasileña, que contiene los precios del alambrón de acero en el mercado interno de Brasil. Manifestaron que las fuentes de información fueron los productores de acero y el Instituto del Acero de Brasil.

83. Las Solicitantes señalaron que los precios en el mercado interno de Brasil utilizados para el cálculo del valor normal, referidos en el estudio elaborado por el consultor especializado son una base razonable, toda vez que el Instituto del Acero en Brasil utiliza información de sus empresas afiliadas, siendo éstas las principales siderúrgicas del país. Asimismo, indicaron que los precios son representativos ya que corresponden a las ventas domésticas reportadas con cifras recopiladas por el Instituto. Presentaron un listado de las empresas asociadas al Instituto, donde se encuentran incluidas las principales compañías productoras de alambrón de acero.

84. Los precios del estudio de mercado se refieren a precios del alambrón de acero al carbono a nivel ex fábrica, sin impuestos y en reales (moneda de curso legal en Brasil) por tonelada, para cada uno de los meses del periodo investigado. Para la conversión de reales a dólares, el consultor utilizó el tipo de cambio reportado por el Banco Central de Brasil.

85. Con base en los elementos anteriores, las Solicitantes calcularon un precio promedio ponderado del alambrón de acero al carbono para el periodo investigado en dólares por kilogramo.

86. Para el caso del alambrón de acero aleado, las Solicitantes estimaron el precio a partir de la información del alambrón de acero al carbono, en dólares por kilogramo, tomando en cuenta las consideraciones señaladas en el estudio de mercado referentes a la diferencia de precios entre el alambrón de acero al carbono y el alambrón de acero aleado.

d. Determinación

87. Con fundamento en los artículos 2.1 del Acuerdo Antidumping, 31 de la LCE y 39 y 40 del RLCE, la Secretaría calculó un valor normal promedio ponderado para el alambrón de acero al carbono y también calculó un valor normal para el alambrón de acero aleado, en dólares por kilogramo.

3. Margen de discriminación de precios

88. De conformidad con lo dispuesto en los artículos 2.1, 6.8 y párrafos 1 y 7 del Anexo II del Acuerdo Antidumping, 30, 54 y 64 último párrafo de la LCE y 38 y 40 del RLCE, la Secretaría comparó el valor normal con el precio de exportación y determinó que las importaciones de alambrón de acero originarias de China, se realizaron con un margen de discriminación de precios de $0.49 dólares por kilogramo.

G. Análisis de daño y causalidad

89. La Secretaría analizó los argumentos y pruebas que las partes comparecientes aportaron, con el objeto de determinar si las importaciones de alambrón de acero originarias de China, realizadas en condiciones de discriminación de precios, causaron daño material a la rama de producción nacional de la mercancía similar.

90. El análisis comprende, entre otros elementos, un examen de: i) el volumen de las importaciones en condiciones de discriminación de precios, su precio y el efecto de éstas en el precio interno del producto nacional similar, y ii) la repercusión del volumen y precio de esas importaciones en los indicadores económicos y financieros de la rama de producción nacional del producto similar.

91. El análisis de los indicadores económicos y financieros de la rama de producción nacional incluye la información que la CANACERO y las empresas productoras nacionales ArcelorMittal, Deacero y Ternium proporcionaron, al ser representativas de la rama de producción nacional de alambrón de acero similar al que es objeto de investigación, tal como se determinó en el punto 83 de la Resolución de Inicio y 103 de la Resolución Preliminar, situación que se confirma en el punto 98 de la presente Resolución.

92. Para tal efecto, la Secretaría consideró datos de los periodos abril de 2012-marzo de 2013, abril de 2013-marzo de 2014 y abril de 2014-marzo de 2015, que constituyen el periodo analizado e incluyen el periodo investigado para el análisis de discriminación de precios. Salvo indicación en contrario, el comportamiento de los indicadores económicos y financieros en un determinado año o periodo se analiza con respecto al inmediato anterior comparable.

1. Similitud de producto

93. De conformidad con lo establecido en los artículos 2.6 del Acuerdo Antidumping y 37 fracción II del RLCE, la Secretaría evaluó los argumentos y las pruebas existentes en el expediente administrativo que las

partes comparecientes aportaron para determinar si el alambrón de acero al carbono y acero aleado de fabricación nacional es similar al producto objeto de investigación.

94. En la etapa final de la investigación, las empresas comparecientes no presentaron argumentos o pruebas adicionales tendientes a desvirtuar la determinación de similitud, por el contrario, en la etapa preliminar de la investigación, Aceros Titán afirmó que el alambrón de acero de China y el de fabricación nacional son productos similares, comercialmente intercambiables y se utilizan en los mismos procesos; por su parte, Grupo Acerero indicó que ambas mercancías se utilizan indistintamente como insumo para fabricar varilla de acero y perfilados.

95. Por consiguiente, la Secretaría concluyó que el alambrón de acero importado de China y el de fabricación nacional son productos similares, pues tienen características físicas y composición química semejantes, se fabrican con los mismos insumos y mediante procesos productivos que no muestran diferencias sustanciales y utilizan los mismos canales de distribución para atender a los mismos mercados geográficos y consumidores, lo que les permite cumplir con las mismas funciones y ser comercialmente intercambiables, de conformidad con lo dispuesto en los artículos 2.6 del Acuerdo Antidumping y 37 fracción II del RLCE.

2. Rama de producción nacional y representatividad

96. De conformidad con lo establecido en los artículos 4.1 y 5.4 del Acuerdo Antidumping, 40 y 50 de la LCE y 60, 61 y 62 del RLCE, la Secretaría identificó a la rama de producción nacional como al conjunto de fabricantes del producto similar al investigado, cuya producción agregada constituya la totalidad o, al menos, una proporción importante de la producción nacional total de dicho producto, tomando en cuenta si éstos son importadores del producto objeto de investigación o si existen elementos que indiquen que se encuentran vinculados con empresas importadoras o exportadoras del mismo.

97. A partir de la valoración y análisis de la información que las empresas Solicitantes, la CANACERO y Grupo Acerero aportaron descrita en los puntos 97 a 102 de la Resolución Preliminar, la Secretaría determinó que ArcelorMittal, Deacero y Ternium representaron el 89% de la producción total de la mercancía similar durante el periodo investigado. Talleres y Aceros, S.A. de C.V., TA 2000, S.A. de C.V. y Aceros DM, S.A. de C.V. ("Talleres y Aceros", "TA 2000" y "Aceros DM", respectivamente), quienes apoyan la investigación, en adición con Grupo Acerero constituyen el resto de la producción nacional de la mercancía similar a la investigada.

98. En esta etapa de la investigación no se presentó información que desvirtuara la determinación de la etapa preliminar, en consecuencia la Secretaría concluyó que las Solicitantes son representativas de la rama de producción nacional de alambrón de acero, de conformidad con los artículos 4.1 y 5.4 del Acuerdo Antidumping, 40 y 50 de la LCE y 60 al 62 del RLCE, debido a que constituyen el 89% de la producción nacional total de dicha mercancía y su solicitud de investigación se encuentra apoyada por Talleres y Aceros, TA 2000 y Aceros DM. Adicionalmente, no existen elementos que indiquen que alguno de los productores que integran la rama de producción nacional esté vinculado a exportadores o importadores, o que las importaciones de Deacero sean la causa de una distorsión de precios o del daño alegado.

3. Mercado internacional

99. Las Solicitantes proporcionaron datos sobre producción y consumo aparente de alambrón de acero en el mercado mundial, de la publicación “Wire Rod Market Statistics”, de mayo de 2015, que publica la consultora CRU International Limited (CRU). También aportaron estadísticas de exportaciones e importaciones de la publicación “Iron Steel Statistics Bureau” (ISSB), por las subpartidas 7213.10, 7213.20, 7213.91, 7213.99, 7227.10, 7227.20 y 7227.90. En el caso de importaciones, las Solicitantes sólo proporcionaron estadísticas para China.

100. Por su parte, la Secretaría se allegó de información de la Base de Datos de Estadísticas del Comercio Internacional de la Organización de las Naciones Unidas (“UN Comtrade” por la abreviatura en inglés de United Nations Commodity Trade Statistics Database) sobre importaciones y exportaciones mundiales por las subpartidas 7213.10, 7213.20, 7213.91, 7213.99, 7227.10, 7227.20 y 7227.90.

101. De acuerdo con esta información, la Secretaría observó que la producción mundial de alambrón de acero creció 9% entre 2012 y 2014, al pasar de 206.1 a 224.4 millones de toneladas. En este periodo, la producción se concentró en las regiones de Asia (75%), Europa Occidental (9%), la Comunidad de Estados Independientes y Europa Oriental (5%) y América del Norte (3%). Entre 2012 y 2014, los principales países productores fueron China (68%), Alemania (2.8%) y Japón (2.7%), en tanto que México participó con el 1.1%.

102. El consumo mundial aparente de alambrón registró un comportamiento similar al de la producción; creció 8% de 2012 a 2014 y se concentró en las principales regiones productoras: Asia (73%), Europa Occidental (8%), la Comunidad de Estados Independientes y Europa Oriental (4%) y América del Norte (3%). En el mismo periodo, China fue el mayor consumidor con el 64%, seguido de Alemania (2.4%) y Japón (2.1%), mientras que México consumió el 1%.

103. El balance de producción menos consumo de alambrón indica que en el periodo de 2012 a 2014, Asia, Europa Occidental, la Comunidad de Estados Independientes y Europa Oriental registraron excedentes exportables con 11.1, 5.4 y 4.9 millones de toneladas, respectivamente. En el mismo periodo, los países con mayor excedente exportable fueron China, Japón, Alemania y España con 23.3, 3.6, 3.1 y 2.4 millones de toneladas, respectivamente. Los Estados Unidos y Corea destacan como países deficitarios en dicho periodo (-4.6 y -2.3 millones de toneladas, respectivamente).

104. En cuanto al comercio mundial, las estadísticas del ISSB de las subpartidas 7213.10, 7213.20, 7213.91, 7213.99, 7227.10, 7227.20 y 7227.90 señalan a China, Alemania, Japón, Ucrania y España como principales países exportadores de alambrón de acero durante el periodo que comprende de 2012 a 2014. Las estadísticas de UN Comtrade respecto de las mismas subpartidas confirman la información de ISSB sobre principales exportadores. Al respecto, la Secretaría observó que entre 2012 y 2014 China concentró el 32% de las exportaciones totales, seguido de Alemania (10%), Japón (6%), Ucrania (5%) y España (4%).

105. Por otra parte, la información de importaciones de UN Comtrade indica que en el mismo periodo los principales importadores de alambrón de acero fueron los Estados Unidos (8%), Alemania (7%), Holanda (7%) y Corea (4%). China por su parte tuvo una participación de 2% en las importaciones totales.

106. En el transcurso de la investigación, las empresas importadoras comparecientes no aportaron información sobre el alambrón de acero objeto de investigación en el mercado internacional. Tampoco cuestionaron los resultados descritos sobre los principales países productores, exportadores e importadores del producto objeto de investigación.

107. En suma, de acuerdo con la información de CRU, ISSB y UN Comtrade, descrita en los puntos anteriores, China es el principal país productor y exportador de alambrón de acero a nivel mundial.

4. Mercado nacional

108. ArcelorMittal, Deacero, Ternium, Talleres y Aceros, TA2000, Aceros DM y Grupo Acerero son las empresas productoras nacionales de alambrón de acero. Por otra parte, dos de las empresas Solicitantes destinan parte de su producción a fabricar diversos productos derivados del alambrón de acero (autoconsumo).

109. Además de las empresas productoras, en el mercado participan empresas fundamentalmente de la industria trefiladora (fabricantes de tornillos, alambres y diversos productos derivados del alambre, así como de sujetadores y otros productos) y en menor medida empresas de la industria de la construcción, las cuales importan el alambrón de acero o lo adquieren de los fabricantes nacionales.

110. El alambrón de acero, en razón de los usos que tiene, concurre a todo el territorio nacional, para ello utiliza los mismos canales de distribución; de hecho, en el transcurso de la investigación, las empresas importadoras comparecientes no presentaron argumentos que desvirtuaran esta determinación.

111. Para determinar el tamaño del mercado nacional de alambrón de acero, la Secretaría procedió como se indica en el punto 116 de la Resolución Preliminar, situación que se confirma en esta etapa final de la investigación:

a. consideró la información que la CANACERO proporcionó de los volúmenes de producción nacional de este producto y la producción de Grupo Acerero;

b. calculó los volúmenes de ventas al mercado interno a partir de los indicadores económicos que aportaron las Solicitantes, y

c. consideró las cifras de importaciones, calculadas conforme se indica en los puntos 116 y 117 de la presente Resolución, y exportaciones totales que reporta el SIC-M por las fracciones arancelarias 7213.10.01, 7213.20.01, 7213.91.01, 7213.91.02, 7213.99.01, 7213.99.99, 7227.10.01, 7227.20.01, 7227.90.01 y 7227.90.99 de la TIGIE.

112. Con la información descrita en el punto anterior, la Secretaría calculó el mercado nacional de alambrón de acero, medido a través del CNA, calculado como la producción nacional más importaciones, menos exportaciones. Los resultados confirman que el mercado nacional de alambrón de acero creció 8% en

el periodo analizado; disminuyó 7% en el periodo abril de 2013-marzo de 2014, y aumentó 16% en el periodo investigado. El desempeño de cada componente del CNA fue el siguiente:

a. las importaciones totales aumentaron 121% en el periodo analizado; aunque disminuyeron 28% en el periodo abril de 2013-marzo de 2014, aumentaron 206% en el periodo investigado. Dichas importaciones fueron originarias de veintiún países. En particular, durante el periodo investigado, los principales proveedores fueron China, los Estados Unidos, Alemania, España y Japón, que representaron el 66%, 19%, 7%, 4% y 2% del volumen total importado, respectivamente;

b. la producción nacional registró un descenso de 1% en el periodo analizado; disminuyó 5% en el periodo abril de 2013-marzo de 2014 y creció 3% en el periodo investigado, y

c. las exportaciones aumentaron 5% en el periodo abril de 2013-marzo de 2014, pero en el periodo investigado disminuyeron 36%, lo que significó de manera acumulada una caída de 33% en el periodo analizado.

113. Por su parte, la Producción Nacional Orientada al Mercado Interno (PNOMI), calculada como la producción nacional menos las exportaciones, registró un comportamiento similar al de la producción nacional. En efecto, disminuyó 6% en el periodo abril de 2013-marzo de 2014, pero creció 10% en el periodo investigado, lo que representó un incremento de 4 puntos porcentuales en el periodo analizado.

5. Análisis de las importaciones

114. De conformidad con lo establecido en los artículos 3.1 y 3.2 del Acuerdo Antidumping, 41 fracción I de la LCE y 64 fracción I del RLCE, la Secretaría evaluó el comportamiento y la tendencia de las importaciones del producto objeto de investigación, efectuadas durante el periodo analizado, tanto en términos absolutos como en relación con la producción y el consumo nacional.

115. Las importaciones de alambrón de acero ingresan por las fracciones arancelarias 7213.10.01, 7213.20.01, 7213.91.01, 7213.91.02, 7213.99.01, 7213.99.99, 7227.10.01, 7227.20.01, 7227.90.01 y 7227.90.99 de la TIGIE, aunque también ingresan otros productos que no son objeto de investigación, pero en volúmenes sumamente bajos (0.4% del total importado en el periodo analizado), por ejemplo, varilla, tiras de acero inoxidable o electrogalvanizadas, alambres galvanizados para fabricación de grapas, placa de metal, barras de acero, entre otros, como se señaló en los puntos 103 de la Resolución de Inicio y 121 de la Resolución Preliminar . También se realizan importaciones de alambrón de acero bajo el mecanismo de Regla Octava, a través de las fracciones arancelarias 9802.00.01, 9802.00.07, 9802.00.13, 9802.00.19 y 9802.00.23 de la TIGIE.

116. Como se indica en los puntos 123 y 124 de la Resolución Preliminar, la Secretaría calculó el volumen y valor de importaciones objeto de análisis, a partir de la metodología que las Solicitantes aportaron y el listado oficial de operaciones de importación del SIC-M por las fracciones arancelarias 7213.10.01, 7213.20.01, 7213.91.01, 7213.91.02, 7213.99.01, 7213.99.99, 7227.10.01, 7227.20.01, 7227.90.01, 7227.90.99 de la TIGIE y excluyó las mercancías que no son objeto de análisis. A estos resultados sumó los valores y volúmenes de importaciones por Regla Octava, calculados a partir de las operaciones que ingresaron por las fracciones arancelarias 9802.00.01, 9802.00.07, 9802.00.13, 9802.00.19 y 9802.00.23 de la TIGIE, cuya descripción corresponde a alambrón de acero.

117. En la etapa final de la investigación, las partes comparecientes no cuestionaron el cálculo de las importaciones de alambrón, ni presentaron argumentos o medios probatorios que justificaran ajuste alguno. En consecuencia, la Secretaría confirmó los cálculos que realizó de los volúmenes y valores del producto objeto de investigación, así como los resultados sobre su comportamiento y tendencias, los cuales se indican en los puntos subsecuentes de la presente Resolución.

118. ArcelorMittal, Deacero y Ternium reiteraron que durante el periodo analizado y, particularmente, en el periodo investigado (abril de 2014-marzo de 2015), las importaciones de alambrón de acero originarias de China, registraron un significativo crecimiento, tanto en términos absolutos como en relación con la producción y el mercado nacional.

119. La información que obra en el expediente administrativo confirma que las importaciones totales registraron un crecimiento de 121% a lo largo del periodo analizado; aunque en el periodo abril de 2013-marzo de 2014 disminuyeron 28% con respecto al lapso anterior comparable, y aumentaron 206% en el periodo investigado. Este crecimiento se explica en gran medida por el desempeño de las importaciones investigadas.

120. Las importaciones originarias de China registraron un incremento de 282% en el periodo analizado. En el periodo abril de 2013-marzo de 2014 disminuyeron 51% con respecto al lapso anterior comparable, pero aumentaron 676% en el periodo investigado, cuando contribuyeron con el 66% de las importaciones totales

(26% en el periodo abril de 2013-marzo de 2014 y 38% en el periodo abril de 2012-marzo de 2013), lo que significó un crecimiento de 28 puntos porcentuales en el periodo analizado.

121. Por su parte, las importaciones de los demás orígenes disminuyeron 13% en el periodo abril de 2013-marzo de 2014 y aumentaron 40% en el periodo investigado, que se tradujo en un incremento de 21% a lo largo del periodo analizado; sin embargo, su participación en las importaciones totales disminuyó 28 puntos porcentuales del periodo abril de 2012-marzo de 2013 al periodo investigado, al pasar de 62% a 34%.

122. Por otra parte, en el desempeño positivo del mercado nacional de alambrón, descrito en el punto 112 de la presente Resolución, contribuyó al crecimiento de las importaciones totales, las cuales aumentaron su participación en el CNA en 3.7 puntos porcentuales entre el periodo abril de 2012-marzo de 2013 y el periodo investigado, al pasar de 3.5% a 7.2% (2.7% en el periodo abril de 2013-marzo de 2014).

123. El desempeño de las importaciones totales en el CNA se explica fundamentalmente por las importaciones investigadas, las cuales se beneficiaron de este incremento, como se describe a continuación:

a. las importaciones investigadas representaron el 1.3% del CNA en el periodo abril de 2012-marzo de 2013 y 0.7% en el lapso abril de 2013-marzo de 2014, pero 4.7% en el periodo investigado, de modo que aumentaron su participación en el mercado nacional en 3.4 puntos porcentuales en el periodo analizado. En relación con el volumen total de la producción, estas importaciones representaron en los mismos periodos el 1%, 1% y 5%, respectivamente;

b. las importaciones de otros orígenes aumentaron su participación en el CNA en tan sólo 0.2 puntos porcentuales en el periodo analizado, al pasar de 2.2% en el periodo abril de 2012-marzo de 2013 a 2.4% en el periodo investigado (2% en el periodo abril de 2013-marzo de 2014), y

c. en consecuencia, la PNOMI disminuyó su participación en el CNA en 3.7 puntos porcentuales del periodo abril de 2012-marzo de 2013 al periodo investigado, al pasar de 96.5% a 92.8%; aumentó su participación en 0.8 puntos del periodo abril de 2012-marzo de 2013 al siguiente lapso comparable, pero perdió 4.5 puntos en el periodo investigado, atribuibles prácticamente a las importaciones en condiciones de discriminación de precios.

124. Adicionalmente, la Secretaría calculó el consumo interno de alambrón de acero como la suma de las importaciones totales más las ventas nacionales totales al mercado interno. La Secretaría confirmó que el consumo interno mostró un comportamiento similar al que registró el CNA. En efecto, disminuyó 5% del periodo abril de 2012-marzo de 2013 al siguiente lapso comparable, pero aumentó 11% en el periodo investigado, lo que significó un crecimiento acumulado de 5% en el periodo analizado.

125. En relación con el consumo interno, las importaciones investigadas incrementaron su participación en 6.6 puntos porcentuales en el periodo analizado, al pasar de 2.5% en el periodo abril de 2012-marzo de 2013 a 9.1% en el periodo investigado (1.3% en el lapso abril de 2013-marzo de 2014). En contraste, las importaciones de otros orígenes sólo ganaron cerca de 1 punto porcentual en el consumo interno del periodo abril de 2012-marzo de 2013 al periodo investigado, al pasar de 4.1% a 4.7% (3.7% en el periodo abril de 2013-marzo de 2014).

126. Con respecto al volumen total de las ventas totales al mercado interno, estas importaciones representaron 3% en el periodo abril de 2012-marzo de 2013, 1% en el lapso abril de 2013-marzo de 2014 y 11% en el periodo investigado. Dichas ventas aumentaron su participación en el consumo interno en 1.6 puntos porcentuales del periodo abril de 2012-marzo de 2013 al siguiente lapso comparable (de 93.4% a 95%), pero la disminuyeron en 8.8 puntos en el periodo investigado al participar con el 86.2%, de forma que acumularon una pérdida de 7.2 puntos porcentuales en el periodo analizado.

127. Por su parte, las ventas al mercado interno de la rama de producción nacional aumentaron su participación en el consumo interno en 1.4 puntos porcentuales del periodo de abril de 2012-marzo de 2013 al siguiente lapso comparable (de 85.7% a 87.1%), pero perdieron casi 10 puntos porcentuales de participación de mercado en el periodo investigado al disminuir a 77.7%, atribuibles a las importaciones investigadas.

128. En suma, los resultados anteriormente descritos, permiten a la Secretaría concluir que las importaciones investigadas registraron una tendencia creciente en términos absolutos y relativos durante el periodo analizado, en tanto que la rama de producción nacional perdió participación tanto en el CNA como en el consumo interno en el mismo periodo, atribuible al incremento de las importaciones originarias de China que se realizaron en condiciones de discriminación de precios. En consecuencia, el crecimiento del mercado nacional no se tradujo en un beneficio para la rama de producción nacional, en razón de que las importaciones del producto objeto de investigación y su participación se incrementaron, mientras que la PNOMI y las ventas nacionales totales al mercado interno disminuyeron su participación.

6. Efectos sobre los precios

129. De conformidad con lo establecido en los artículos 3.1 y 3.2 del Acuerdo Antidumping, 41 fracción II de la LCE y 64 fracción II del RLCE, la Secretaría analizó si las importaciones originarias de China concurrieron al mercado mexicano a precios considerablemente inferiores a los del producto nacional similar, o bien, si el efecto de estas importaciones fue deprimir los precios internos o impedir el aumento que, en otro caso, se hubiera producido, y si el nivel de precios de las importaciones fue determinante para explicar su comportamiento en el mercado nacional.

130. Las Solicitantes reiteraron que debido a que las importaciones originarias de China se realizaron en condiciones de discriminación de precios, los precios de esta mercancía se ubicaron por debajo de los precios de la rama de producción nacional (con un margen de subvaloración de 12% en el periodo investigado) y con respecto a los precios de las importaciones de los demás orígenes, lo que presionó a la baja a los precios nacionales (-15% en el periodo investigado con respecto al periodo abril de 2012-marzo de 2013).

131. Al igual que en la etapa preliminar de la investigación, la Secretaría calculó los precios promedio implícitos de las importaciones investigadas y del resto de los países, de acuerdo con los volúmenes y valores obtenidos conforme a lo descrito en los puntos 116 y 117 de la presente Resolución. Asimismo, calculó el precio promedio de venta al mercado interno de la rama de producción nacional.

132. En la etapa final de la investigación no se presentó información o argumentos adicionales que desvirtuaran los resultados establecidos en los numerales 145 y 146 de la Resolución Preliminar, mismos que se confirman y resumen a continuación:

a. el precio promedio de las importaciones de otros orígenes aumentó 9% del periodo abril de 2012-marzo de 2013 al siguiente lapso comparable, pero disminuyó 3% en el periodo investigado (+5% en el periodo analizado). En contraste, en los mismos periodos el precio promedio de las importaciones investigadas disminuyó 12% y 13%, de forma que acumuló un descenso de 23% en el periodo analizado, y

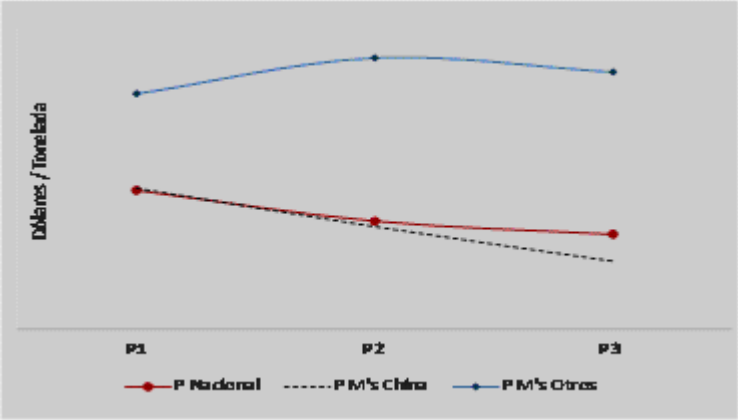
b. el precio promedio de las ventas al mercado interno de la rama de producción nacional medido en dólares, disminuyó 10% del periodo abril de 2012-marzo de 2013 al siguiente lapso comparable y 5% en el periodo investigado, lo que significó una caída de 14% en el periodo analizado. Este comportamiento apoya el argumento de las Solicitantes de que el desempeño del precio de las importaciones originarias de China, presionó a la baja al precio nacional.

133. Al igual que en las etapas anteriores de la investigación, para evaluar la existencia de subvaloración, la Secretaría comparó el precio FOB planta de las ventas al mercado interno de la rama de producción nacional con el precio de las importaciones investigadas; para ello, este último se ajustó con el arancel correspondiente, gastos de agente aduanal y el derecho de trámite aduanero.

134. Los resultados confirman que el precio promedio de las importaciones investigadas, realizadas en condiciones de discriminación de precios, se ubicó prácticamente en el mismo nivel que el precio nacional en el periodo abril de 2012-marzo de 2013, pero fue 2% menor en el periodo abril de 2013-marzo de 2014 y 10% inferior en el periodo investigado. Las Solicitantes argumentaron que los márgenes de subvaloración no fueron mayores debido a que el precio de venta al mercado interno de la rama de producción nacional se ajustó a la baja para competir con las importaciones de alambrón de acero originarias de China.

135. En relación con el precio promedio de las importaciones de otros orígenes, el precio del alambrón de acero investigado fue considerablemente menor en los periodos abril de 2012-marzo de 2013, abril de 2013-marzo de 2014 y el investigado, en porcentajes de 23%, 38% y 44%, respectivamente.

Precios de las importaciones y del producto nacional



Fuente: SICM, ArcelorMittal, Deacero y Ternium.

P1= abril de 2012-marzo de 2013.

P2= abril de 2013-marzo de 2014.

P3= abril de 2014-marzo de 2015.

136. En el trascurso de la investigación, las partes comparecientes no presentaron argumentos tendientes a desvirtuar el comportamiento del precio de las importaciones investigadas ni que se hayan realizado a precios menores que el nacional o del correspondiente a importaciones de otros orígenes.

137. Por otra parte, la Secretaría analizó si el nivel de precios a los que concurrieron las importaciones investigadas fue un factor determinante para explicar su comportamiento y la participación de las mismas en el mercado nacional, o si fueron otros factores los que pudieran explicarlo.

138. En la etapa previa de la investigación, la empresa importadora Aceros Titán argumentó que importó de China en razón de la falta de proveeduría oportuna de una empresa Solicitante, única que ofrecía cumplir sus requerimientos de calidad, ya que las demás productoras nacionales no tenían disponibilidad de producto investigado. Sustentó su afirmación con certificados de calidad del alambrón que importó de China y de fabricación de una de las empresas productoras nacionales.

139. ArcelorMittal, Deacero y Ternium manifestaron que esta afirmación de Aceros Titán se contradice con el reconocimiento de esta empresa de que el alambrón de acero importado de China y el de fabricación nacional son productos similares y comercialmente intercambiables. Agregaron que, contrario a lo que Aceros Titán esgrime, durante el periodo analizado la producción nacional tuvo disponibilidad y cumplió con los requerimientos de esta empresa importadora con respecto al producto investigado.

140. El análisis de la información que Aceros Titán, ArcelorMittal, Deacero y Ternium proporcionaron al respecto, se describe en el punto 155 de la Resolución Preliminar. Con base en los resultados del análisis de la misma, la Secretaría determinó preliminarmente que la información que obra en el expediente administrativo de la investigación, no apoya el argumento de la importadora de que las importaciones de alambrón de acero originarias de China se realizaron debido a factores distintos al precio, o bien, por falta de disponibilidad de la rama de producción nacional.

141. En esta etapa de la investigación no se aportaron argumentos o pruebas adicionales en relación con la argumentación de Aceros Titán. En consecuencia, la Secretaría confirma dicha determinación. En contraste, los resultados sobre el comportamiento del precio de las importaciones originarias de China y los márgenes de subvaloración que registraron en relación con el precio nacional y el correspondiente a importaciones de otros orígenes respaldan que el nivel de precios a los que concurren las importaciones de dicho país fue factor determinante para explicar su comportamiento creciente, tanto en términos absolutos como relativos.

142. En suma, con base en los resultados anteriormente descritos, la Secretaría concluyó que en el periodo investigado, el precio de las importaciones originarias de China se ubicó por debajo de los precios nacionales y de otras fuentes de abastecimiento. Este bajo nivel de precios se explica por las prácticas de discriminación de precios en que incurrieron, según lo descrito en los puntos 0 a 0 de la presente Resolución.

143. Además, el bajo nivel de precios de las importaciones investigadas con respecto a los nacionales y los de otros países, explica sus volúmenes crecientes y su mayor participación en el mercado nacional, así

como la caída de los precios nacionales de venta al mercado interno y el desempeño negativo de las utilidades y margen de operación de la rama de producción nacional, como se explica en el siguiente apartado de la presente Resolución.

7. Efectos sobre la rama de producción nacional

144. De conformidad con lo dispuesto en los artículos 3.1, 3.2, 3.4 y 3.6 del Acuerdo Antidumping, 41 fracción III de la LCE y 64 fracción III del RLCE, la Secretaría evaluó los efectos de las importaciones de alambrón de acero originarias de China, sobre los indicadores económicos y financieros de la rama de producción nacional del producto similar.

145. En el transcurso de la investigación, las Solicitantes manifestaron que el crecimiento que registraron las importaciones de alambrón de acero, originarias de China, tanto en términos absolutos como en relación con la producción y el mercado nacionales, y las condiciones en que se realizaron causaron daño a la rama producción nacional, que se reflejó en la afectación de los siguientes indicadores: producción, ventas al mercado interno, utilización de la capacidad instalada, inventarios, empleo, productividad, participación de mercado, precios, ingresos por ventas y resultados operativos.

146. En esta etapa de la investigación, Aceros Titán manifestó que las importaciones investigadas no causaron daño a la industria nacional; en su caso, el daño se explica por la disminución que registraron las exportaciones. Para sustentar su consideración señaló los resultados descritos en los puntos 117, 118 y 166 a 168 de la Resolución Preliminar, a partir de los cuales argumentó lo siguiente:

a. la PNOMI registró tasas significativas de crecimiento, similares a las que observó el CNA, en tanto que la producción nacional disminuyó 1% en el periodo analizado, pero en el investigado aumentó 3%; por su parte, las exportaciones totales de la industria nacional cayeron 36% en el periodo investigado y 33% en el analizado;

b. la producción para ventas al mercado interno disminuyó 8% en el periodo investigado y 14% en el analizado; en los mismos periodos las ventas al mercado interno disminuyeron 1% y 4%, respectivamente; de estos resultados se desprende que no existen elementos objetivos que demuestren que el comportamiento negativo que registraron las ventas al mercado interno de la rama de producción nacional ocasionó la caída de su producción destinada a la venta en el mercado, tomando en cuenta que las exportaciones de la rama de producción nacional cayeron 49% en el periodo investigado y 42% en el analizado, y

c. a fin de determinar una explicación consistente sobre la caída que registraron las ventas al mercado interno, es necesario calcular la participación de las exportaciones en la producción destinada a ventas en el mercado interno y no sólo en relación con la producción.

147. Al respecto, las Solicitantes argumentaron que independientemente del desempeño de la actividad exportadora de la rama de producción nacional, las importaciones investigadas causaron daño; lo acredita el desempeño de sus indicadores económicos y financieros.

148. Para evaluar los efectos de las importaciones investigadas sobre la rama de producción nacional, la Secretaría consideró el total de las importaciones investigadas, a partir de la información y los términos descritos en los puntos 162 y 163 de la Resolución Preliminar.

149. La información que obra en el expediente administrativo de la presente investigación confirma que el mercado nacional de alambrón de acero, medido a través del CNA, creció 8% en el periodo analizado (-7% en el periodo abril de 2013-marzo de 2014 y 16% en el periodo investigado).

150. En este contexto de desempeño del mercado, la Secretaría observó que la PNOMI decreció 6% en el periodo abril de 2013-marzo de 2014, pero aumentó 10% en el periodo abril de 2014-marzo de 2015, de forma que creció 4% en el periodo analizado.

151. Por su parte, la producción de alambrón de acero de las Solicitantes disminuyó 4% en el periodo analizado; se redujo 5% en el periodo abril de 2013-marzo de 2014 y aumentó 1% en el periodo investigado. Este comportamiento se explica fundamentalmente por la conducta que registró la producción que destinaron para ventas:

a. la producción que destinaron para venta disminuyó 6% en el periodo abril de 2013-marzo de 2014 y 8% en el periodo investigado; una caída de 14% en el periodo analizado, y

b. la producción para autoconsumo disminuyó 3% en el periodo abril de 2013-marzo de 2014, pero aumentó 14% en el periodo investigado, por lo que acumuló un crecimiento de 10% en el periodo analizado.

152. El comportamiento de la producción que las Solicitantes destinaron para ventas se reflejó a su vez en el desempeño de sus ventas totales (al mercado interno y externo), las cuales disminuyeron 13% en el periodo analizado: prácticamente mantuvieron el mismo nivel tanto en el periodo abril de 2012-marzo de 2013 como en el siguiente lapso comparable, pero se redujeron 13% en el periodo investigado.

153. El desempeño que registraron las ventas totales de las Solicitantes se explica por el comportamiento que tuvieron sus ventas al mercado interno y sus exportaciones:

a. las ventas al mercado interno se redujeron 4% en el periodo analizado (-4% en el periodo abril de 2013-marzo de 2014 y -1% en el periodo investigado); en el mismo periodo las exportaciones disminuyeron 42% (+13% en el periodo abril de 2013-marzo de 2014 y -49% en el periodo investigado, y

b. destaca que las exportaciones de las Solicitantes representaron en promedio el 12% de su producción y 28% de sus ventas al mercado interno durante el periodo analizado, lo que confirma que la rama de producción nacional depende fundamentalmente del mercado interno, donde compite con las importaciones en condiciones de discriminación de precios.

154. Estos resultados indican que el desempeño exportador de las Solicitantes incidió negativamente en el volumen de su producción y ventas totales, pero también las ventas al mercado interno, donde compite con las importaciones en condiciones de discriminación de precios.

155. Sin embargo, aunque se observa una caída importante en el periodo investigado de las exportaciones de las Solicitantes, ésta se compensó con el crecimiento del autoconsumo; por lo que el mercado externo no es el factor determinante en el desempeño de la rama de producción nacional en razón de que representaron en promedio el 12% de su producción y 28% de sus ventas al mercado interno durante el periodo analizado. Situación que así lo confirma la participación de las ventas internas de la rama de producción nacional en las ventas totales al pasar de 77% en el periodo abril de 2012-marzo de 2013 a 85% en el periodo investigado, lo que denota que a pesar de la disminución que registraron las ventas de exportación, el desempeño de la rama de producción nacional depende en mayor medida de las ventas internas.

156. De hecho, al analizar los ingresos de la rama de producción nacional derivados de las ventas totales, la Secretaría observó que durante el periodo analizado:

a. en términos absolutos, la caída de los ingresos de las ventas totales de la rama de producción nacional se explica en mayor medida por el descenso que registraron los ingresos derivados de las ventas internas, ya que el total de la caída de los ingresos derivados de las ventas internas representaron el 59% del total del descenso de los ingresos totales, en tanto que el restante 41% fue resultado de las ventas al mercado externo, y

b. en términos absolutos, los ingresos por ventas al mercado interno disminuyeron 43% más con respecto al descenso que registraron los del mercado externo. Asimismo, la disminución de los ingresos por ventas totales fue de 26%, la cual se explica en mayor medida por una caída ponderada de los ingresos por ventas al mercado interno de 15.3%, mientras que la de los ingresos por exportaciones fue de 10.7%.

157. Asimismo, al aislar los efectos de la actividad exportadora, los indicadores económicos y financieros relevantes de la rama de producción nacional, fundamentalmente aquellos orientados al mercado interno, donde compite con las importaciones en condiciones de discriminación de precios, registraron un comportamiento negativo. Los resultados de los puntos subsecuentes así lo constatan.

158. En efecto, el comportamiento de la PNOMI, o bien, de las ventas al mercado interno se tradujo en una pérdida de participación de la rama de producción nacional en el mercado interno, en beneficio de las importaciones investigadas, las cuales prácticamente absorbieron el crecimiento que registró el mercado en el periodo analizado e investigado.

159. Los resultados descritos en el punto 123 de la presente Resolución, confirman que las importaciones investigadas aumentaron su participación en el CNA en 3.4 puntos porcentuales en el periodo analizado (perdieron menos de un punto de participación en el periodo abril de 2013-marzo de 2014 pero ganaron 4 puntos en el periodo investigado); en el mismo periodo, la PNOMI disminuyó su participación en el CNA en 3.7 puntos porcentuales (ganó cerca de 1 punto de participación en el periodo abril de 2013-marzo de 2014 pero perdió 4.5 puntos en el periodo investigado), atribuibles a las importaciones en condiciones de discriminación de precios, ya que prácticamente no se registró variación en la participación de las importaciones de otros orígenes.

160. Asimismo, el desempeño negativo de las ventas al mercado interno, se tradujo en una pérdida de participación de la rama de producción nacional en el consumo interno. Los resultados descritos en los puntos

125 a 127 de la presente Resolución, confirman que las ventas totales al mercado interno y las de la rama de producción nacional disminuyeron su participación en el consumo interno, siendo desplazadas por las importaciones investigadas, ya que las importaciones de otros orígenes sólo ganaron cerca de 1 punto porcentual en el consumo interno durante el periodo analizado.

161. Al respecto, de acuerdo con los listados de ventas de las Solicitantes, así como el listado oficial de importaciones del SIC-M, por las fracciones arancelarias por las que ingresa el alambrón de acero, considerando también la información de importaciones por empresa realizadas a través de las fracciones arancelarias relativas a la Regla Octava (Capítulo 98), la Secretaría observó que en el periodo analizado, diecisiete clientes de la rama de producción nacional disminuyeron 17% sus compras nacionales, en tanto que aumentaron 226% sus importaciones originarias de China. Estos resultados permiten a la Secretaría concluir que:

a. volúmenes considerables de alambrón de acero, que se importó de China, sustituyeron las compras de la mercancía nacional similar, ya que, como se indicó en el punto 126 de la presente Resolución, las importaciones investigadas con respecto al volumen total de las ventas al mercado interno de la rama de producción nacional pasaron de 3% en el periodo abril de 2012-marzo de 2013 a 1% en el siguiente lapso comparable, pero en el periodo investigado representaron 11%, lo que significó 10 puntos más que en el periodo comparable anterior (+8 puntos en el periodo analizado), y

b. a fin de hacer frente a las condiciones de competencia con dicho país, la rama de producción nacional tuvo que disminuir su precio de venta al mercado interno, en una magnitud suficiente que le permitiera evitar una mayor pérdida de ventas y, por tanto, de mercado, pues conforme a los resultados descritos en el punto 132 de la presente Resolución, en el periodo analizado el precio promedio de las importaciones investigadas disminuyó 23% (-12% en el periodo abril de 2013-marzo de 2014 y -13% en el periodo investigado), en tanto que el precio nacional decreció 14% (-10% en el periodo abril de 2013-marzo de 2014 y -5% en el periodo investigado).

162. La pérdida de considerables volúmenes de ventas por las importaciones investigadas se explica en razón de que estas últimas tuvieron precios menores a los del producto similar, ya que conforme los resultados descritos en el punto 134 de la presente Resolución, se registraron los siguientes márgenes de subvaloración: 2% en el periodo abril de 2013-marzo de 2014 y 10% en el periodo investigado, cuando se realizó el mayor volumen de importaciones investigadas.

163. Por otra parte, a pesar de la disminución que registraron las ventas, los inventarios promedio de la rama de producción nacional registraron una tendencia decreciente de 15% en el periodo analizado: disminuyeron 17% en el periodo abril de 2013-marzo de 2014, aunque aumentaron 2% en el periodo investigado.

164. ArcelorMittal, Deacero y Ternium estimaron la capacidad instalada que correspondería exclusivamente al alambrón de acero similar al que es objeto de investigación. Estas empresas explicaron la metodología que utilizaron para su cálculo. La capacidad instalada de la rama de producción nacional para fabricar alambrón de acero prácticamente no registró variación durante el periodo analizado.

165. Como resultado del desempeño de la capacidad instalada de la rama de producción nacional y de su producción, la utilización del primer indicador disminuyó 3 puntos porcentuales en el periodo analizado, al pasar de 75% en el periodo abril de 2012-marzo de 2013 a 72% tanto en el periodo abril de 2013-marzo de 2014 como en el investigado.

166. Por otra parte, ArcelorMittal, Deacero y Ternium proporcionaron el empleo vinculado con la producción total de alambrón similar al investigado. Asimismo, en respuesta al requerimiento de información formulado por la Secretaría, las dos empresas productoras que destinan parte de su producción para autoconsumo, desagregaron el empleo y los salarios para la producción de alambrón que destinaron para ventas y para autoconsumo; una de estas empresas realizó ajustes en cuanto al nivel de empleo y salarios. Ambas empresas explicaron la metodología que utilizaron para calcularlos.

167. Esta información confirma que el desempeño que registraron la producción total y las ventas totales de alambrón de la rama de producción nacional durante el periodo analizado, se tradujo en el descenso del empleo vinculado con la producción total del producto similar al investigado, ya que disminuyó 6% en el periodo analizado; como resultado de una disminución de 3% tanto en el periodo abril de 2013-marzo de 2014 como en el periodo investigado.

168. El desempeño de la producción y del empleo se tradujo en el aumento de la productividad (medida como el cociente de estos indicadores) de 2% en el periodo analizado (-2% en el periodo abril de 2013-marzo

de 2014 y +4% en periodo investigado). En el mismo periodo la masa salarial aumentó 5% (+7% en el periodo abril de 2013-marzo de 2014 y -1% en periodo investigado).

169. La Secretaría también observó que el desempeño que registró el empleo total, se explica por el comportamiento que registró el empleo tanto por el vínculo con la producción de alambrón destinado a ventas como para autoconsumo.

170. En efecto, el empleo que la rama de producción nacional habría utilizado para la producción para venta (al mercado interno o externo) disminuyó 4% en el periodo analizado (-3% del periodo abril de 2012-marzo de 2013 al siguiente periodo comparable y -1% en el periodo investigado). Por lo que se refiere al empleo de la producción para autoconsumo, este indicador cayó 10% en el mismo periodo (-2% del periodo abril de 2012-marzo de 2013 al siguiente periodo comparable y -9% en el periodo investigado).

171. En cuanto a la masa salarial vinculada con la producción de alambrón de acero que la rama de producción nacional habría destinado a la venta, la Secretaría observó que durante el periodo analizado prácticamente se mantuvo en el mismo nivel (+6% del periodo abril de 2012-marzo de 2013 al siguiente periodo comparable y -5% en el periodo investigado). En el mismo periodo, este indicador correspondiente a la producción para autoconsumo aumentó 83% (+20% del periodo abril de 2012-marzo de 2013 al siguiente periodo comparable y +52% en el periodo investigado).

172. Las Solicitantes proporcionaron su estado de costos, ventas y utilidades del producto similar, tanto el que corresponde a las ventas directas en el mercado nacional como aquel para el autoconsumo, para el periodo analizado. A partir de esta información la Secretaría analizó el comportamiento de utilidades de la rama de producción nacional.

173. El comportamiento de los volúmenes de ventas internas y los precios de la rama de producción nacional se reflejó en el desempeño de sus ingresos. Al respecto, la Secretaría constató que estos ingresos acumularon una disminución de 19.5% en el periodo analizado: disminuyeron 17.3% en el periodo abril de 2013-marzo de 2014 y 2.7% en el periodo investigado.

174. Por su parte, los costos de operación que resultan de las operaciones de ventas directas al mercado interno acumularon un descenso de 17.5% en el periodo analizado: disminuyeron 10.1% en el periodo abril de 2013-marzo de 2014 y 8.2% en el periodo investigado.

175. El comportamiento de los ingresos y los costos de operación se tradujo en el siguiente desempeño de las utilidades operativas derivadas de las ventas directas al mercado interno: en el periodo analizado, la rama de producción nacional registró pérdidas operativas, las cuales acumularon un crecimiento de 133%, se incrementaron 531.3% en el periodo abril de 2013-marzo de 2014 y disminuyeron 63.1% en el periodo investigado, lo anterior, debido a la mayor reducción de los ingresos en términos relativos que los costos de operación en el periodo analizado (-19.5% contra -17.5%).

176. Como resultado de lo anterior, el margen de operación de las ventas directas al mercado interno fue negativo durante todo el periodo analizado y acumuló una disminución de 2.5 puntos porcentuales: se redujo 8.9 puntos porcentuales en el periodo abril de 2013-marzo de 2014 y se recuperó 6.3 puntos porcentuales en el periodo investigado, al pasar de -1.3 en el periodo abril de 2012-marzo de 2013 a -10.2 en el periodo abril de 2013-marzo de 2014 y -3.9 en el periodo investigado.

177. De conformidad con lo establecido en el punto 186 de la Resolución Preliminar, las dos empresas Solicitantes que destinan parte de su producción a operaciones de autoconsumo presentaron el estado de costos ventas y utilidades resultado de operaciones que derivan de dicho indicador. En esta etapa del procedimiento, con el objeto de precisar la información y valorar el efecto del autoconsumo en el desempeño financiero total en las utilidades operativas de la rama de producción nacional, la Secretaría solicitó precisar dicha información.

178. Estas dos empresas presentaron la información que la Secretaría les solicitó; con base en la misma, analizó el comportamiento de las utilidades operativas derivadas de operaciones por ventas al mercado interno y de autoconsumo, durante el periodo analizado:

a. la información indica que el valor de la mercancía destinada a operaciones de autoconsumo fue equivalente al costo de operación, por lo que no se registraron utilidades operativas asociadas a dicho indicador durante el periodo de analizado, y

b. en consecuencia, el comportamiento de las utilidades operativas resultado de operaciones de ventas directas al mercado interno más autoconsumo, se explica fundamentalmente por el comportamiento que registraron las utilidades operativas derivadas de las ventas directas al mercado interno.

179. Los resultados descritos en los puntos anteriores confirmaron que las utilidades operativas de la rama de producción nacional que resultan de las ventas directas en el mercado interno y de las ventas directas en el mercado interno más autoconsumo, registraron pérdidas operativas, en consecuencia, el margen operativo fue negativo en el periodo analizado.

180. En relación con las variables que emanan de los estados financieros, de conformidad con lo descrito en el artículo 3.6 del Acuerdo Antidumping, los efectos de las importaciones investigadas se evaluaron considerando la producción del grupo o gama más restringido de productos que incluyen al producto similar.

181. Al respecto, el Rendimiento sobre la Inversión en Activos (“ROA", por sus siglas en inglés de Return of the Investment in Assets) de la rama de producción nacional, calculado a nivel operativo, fue positivo, aunque con una tendencia a la baja, pues registró una disminución acumulada de 3.4 puntos porcentuales entre 2012 y 2014 (+6.5% en 2012, +5.5% en 2013 y +3.1% en 2014).

182. Por su parte, la contribución del producto similar al rendimiento sobre la inversión de las Solicitantes (contribución al ROA), calculado a nivel operativo, registró un deterioro en el periodo analizado, al pasar de 0.2% en 2012 a -0.1% en 2013 y -0.2% en 2014.

183. En lo que se refiere al flujo de caja operativo, registró un incremento acumulado de 2.3% entre 2012 y 2014: disminuyó 46.4% en 2013 y se incrementó 90.8% en 2014.

184. Por otra parte, la Secretaría mide la capacidad de un productor para obtener los recursos financieros necesarios para llevar a cabo la actividad productiva, a través de los índices de solvencia, apalancamiento y deuda:

a. los niveles de solvencia y liquidez de la rama de producción nacional reportaron niveles aceptables en el periodo 2012 a 2014, ya que la relación entre activos y pasivos circulantes fue mayor que 1:

- **i.** la razón de circulante (relación entre los activos circulantes y los pasivos a corto plazo) fue de 1.06 en 2012, 1.13 en 2013 y 1.42 en 2014, y
- **ii.** la prueba de ácido (activo circulante menos el valor de los inventarios, en relación con el pasivo a corto plazo) registró niveles inferiores a 1: de 0.54 en 2012, 0.61 en 2013 y 0.85 en 2014.

b. en cuanto al nivel de apalancamiento se considera que una proporción del pasivo total con respecto al capital contable inferior a 100% es manejable. En este caso, se confirmó que el apalancamiento se ubicó en niveles no adecuados, no obstante que la razón de pasivo total a activo total o deuda fue aceptable:

- **i.** el pasivo total a capital contable fue de 332% en 2012, 258% en 2013 y 263% en 2014, y
- **ii.** el pasivo total a activo total registró niveles de 77% en 2012, 72% en 2013 y 72% en 2014.

185. Con base en el desempeño de los indicadores económicos y financieros de la rama de producción nacional anteriormente descritos, la Secretaría concluyó que la concurrencia de las importaciones de alambrón de acero originarias de China, en condiciones de discriminación de precios, incidió negativamente en el desempeño de los indicadores económicos y financieros relevantes de la rama de producción nacional.

186. Las principales afectaciones se observaron tanto en el periodo investigado como en el periodo analizado. Respecto a este último, se registraron afectaciones en los siguientes indicadores: producción, producción para venta, ventas al mercado interno, participación de mercado (tanto en el CNA como en el consumo interno), utilización de la capacidad instalada, empleo, precios al mercado interno, ingresos, utilidades operativas y márgenes operativos derivadas del comportamiento de las ventas directas al mercado interno, así como en la contribución del producto similar al ROA de la rama de producción nacional.

187. Asimismo, la afectación en estas variables por la concurrencia de las importaciones de alambrón de acero originarias de China, no permitió a la rama de producción nacional registrar un crecimiento, en un contexto de desarrollo favorable del mercado, ni permite inferir expectativas favorables para ello, ante el ingreso de importaciones en condiciones de discriminación de precios, las cuales registraron una tendencia creciente durante el periodo analizado.

8. Elementos adicionales

188. En el transcurso de la presente investigación, las Solicitantes argumentaron que la industria del alambrón de acero en China registró un elevado potencial de exportación en 2014 (capacidad instalada menos CNA), que ascendió a 49 millones de toneladas, equivalente a más de 23 veces el tamaño del mercado mexicano de alambrón de acero.

189. Reiteraron que el incremento que registraron las importaciones investigadas y las condiciones en que se realizaron, indican que el mercado mexicano es un destino real para las exportaciones de alambrón de acero de China, debido a sus perspectivas favorables de crecimiento y su carácter abierto, aunado al potencial de exportación con que cuenta la industria de China y los problemas estructurales de ese país. Los argumentos que las Solicitantes presentaron para respaldar su afirmación se indican en el punto 188 de la Resolución de Inicio.

190. En esta etapa de la investigación, en relación con los problemas estructurales que China enfrenta, las Solicitantes argumentaron que existen elementos que indican que la situación en China es más grave que lo previsto originalmente, ya que en 2015, este país registró un crecimiento de 6.9%, la tasa de crecimiento económico más baja en los últimos 25 años, al tiempo que disminuyó el consumo; las publicaciones SBB/Platts, especializadas en el sector siderúrgico, así lo acreditan.

191. Durante el presente procedimiento, las partes comparecientes no aportaron información ni argumentos tendientes a desvirtuar la información que las Solicitantes proporcionaron, referida en el punto 190 de la Resolución de Inicio, por lo que la Secretaría confirmó los resultados sobre el potencial exportador de la industria de China, establecidos en los puntos del 191 al 196 de dicha Resolución y en los puntos 214 a 218 de la Resolución Preliminar. Estos resultados se indican en los puntos subsecuentes.

192. La producción de alambrón de acero de China aumentó 10% de 2012 a 2013 y 2% en 2014, de forma que acumuló un crecimiento de 12% en los tres años considerados, al pasar de 136.7 a 153.5 millones de toneladas. En el mismo periodo, el consumo aparente de esta mercancía (calculado como producción más importaciones menos exportaciones) también aumentó 8%, al pasar de 131.6 a 142.7 millones de toneladas. Por su parte, la capacidad instalada de ese país para fabricar alambrón de acero acumuló un crecimiento de 4% de 2012 a 2014, al pasar de 184.7 a 192 millones de toneladas. A partir de estos datos, la Secretaría constató que:

a. la capacidad libremente disponible de China (capacidad instalada menos producción) disminuyó 20% de 2012 a 2014, al pasar de 48 a 38.6 millones de toneladas; no obstante, este último volumen es significativamente mayor al tamaño del mercado mexicano y de la producción nacional de alambrón de acero en 2014 (17 y 16 veces, respectivamente), y

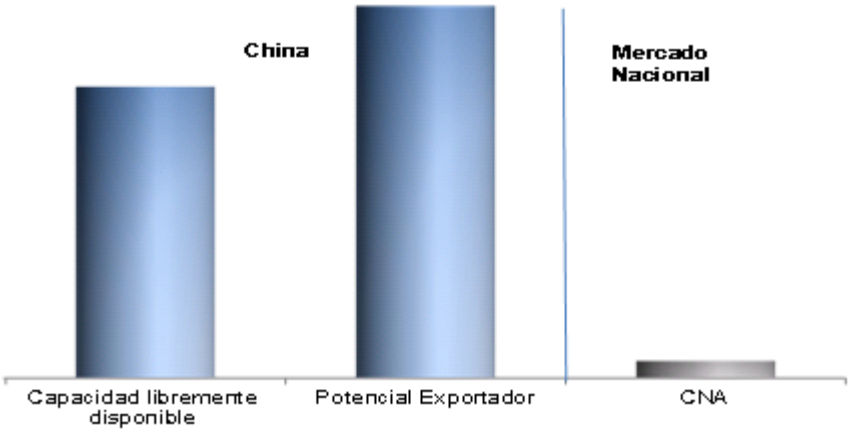
b. el potencial exportador de China (capacidad instalada menos consumo) disminuyó 7% de 2012 a 2014, al pasar de 53.2 a 49.3 millones de toneladas; sin embargo, dicho volumen es equivalente a 20.6 y 21.1 veces a la magnitud de la producción y del mercado nacional de alambrón de acero de 2014, respectivamente.

193. Con respecto al perfil exportador de China, la información estadística del ISSB indica que China fue el principal exportador de alambrón de acero entre 2012 y 2014; participó con el 33% de las exportaciones totales a nivel mundial. En este lapso sus volúmenes de exportaciones aumentaron 104%, al pasar de 5.5 a 11.3 millones de toneladas. Este último volumen es equivalente a 4.7 veces la producción nacional y 4.8 el tamaño del mercado mexicano de 2014.

194. En esta etapa de la investigación, las Solicitantes indicaron que la tendencia creciente de las exportaciones chinas de alambrón se agudizó en 2015, ya que se estima que alcanzaron alrededor de 12 millones de toneladas.

195. Los resultados descritos en los puntos anteriores le permiten a la Secretaría concluir que China tiene una capacidad libremente disponible y un potencial exportador considerable en relación con el mercado nacional. La siguiente gráfica ilustra las asimetrías entre estos indicadores, las cuales sustentan que la utilización de una parte de la capacidad libremente disponible con que cuenta China, o bien, una desviación marginal de las exportaciones de dicho país, podría ser significativa en el mercado mexicano para la producción nacional de alambrón de acero.

Mercado nacional vs capacidad libremente disponible y potencial exportador de China en 2014 (millones de toneladas)



Fuente: ArcelorMittal, Deacero y Ternium y estimaciones propias.

196. Adicionalmente, de acuerdo con información de la Resolución Preliminar sobre alambrón de acero de China, emitida por la Comisión de Comercio Internacional de los Estados Unidos, de marzo de 2014, se prevé que en 2015 la capacidad instalada de alambrón de acero de China se incremente 1% con respecto al nivel de 2014, al pasar de 192 a 194.4 millones de toneladas y registre el mismo nivel en 2016 y 2017. Por otra parte, las Solicitantes estimaron la producción de China en 2015, 2016 y 2017 a partir de la variación de la producción en el trimestre de enero a marzo de 2015 con respecto al mismo periodo comparable de 2014, de forma que de 2014 a 2017, la producción disminuiría 6%, al pasar de 153.5 a 143.6 millones de toneladas.

197. En consecuencia, en el mismo periodo la capacidad libremente disponible de China para la fabricación alambrón de acero aumentaría 32%, al pasar de 38.6 a 50.9 millones de toneladas; este último volumen es considerablemente mayor que la producción nacional que las Solicitantes estiman para 2016 y 2017.

198. Por otra parte, desde la etapa de inicio de la investigación, las Solicitantes proporcionaron estimaciones sobre la magnitud que podrían alcanzar las importaciones investigadas y de los precios a los que concurrirían en ausencia de cuota compensatoria, así como de la afectación que causarían a la rama de producción nacional.

199. La evaluación que la Secretaría realizó al respecto en la etapa preliminar se describe detalladamente en los puntos del 220 a 228 de la Resolución Preliminar. La Secretaría tomó en cuenta los resultados de este examen para determinar la probabilidad fundada de que las importaciones investigadas continúen incrementándose en el futuro inmediato, en condiciones que agraven el daño material causado a la rama de producción nacional, como se señala en el punto 229 de dicha Resolución.

200. En esta etapa y de conformidad con los resultados de los efectos sobre la rama de producción nacional (puntos 144 al 187 de la presente Resolución), la Secretaría consideró que no es necesario examinar de nueva cuenta los argumentos que las Solicitantes esgrimieron en el transcurso de la investigación, en relación con las proyecciones de los volúmenes de importaciones investigadas y las condiciones en que se realizarían, tampoco sobre sus efectos sobre la rama de producción nacional, en virtud, de que en la presente investigación, se concluyó que existen pruebas positivas que sustentan que debido a la presencia de las importaciones investigadas en condiciones de discriminación de precios en el mercado mexicano, se causó daño material a la rama de producción nacional.

201. Con base en los resultados antes descritos, la Secretaría concluyó que China tiene una capacidad libremente disponible y potencial exportador considerable en relación con la producción nacional y el tamaño del mercado mexicano de la mercancía similar, lo que aunado al crecimiento que registraron las importaciones investigadas al mercado nacional en términos absolutos y relativos, y sus bajos niveles de precios durante el periodo analizado, constituyen elementos suficientes que sustentan que existe la probabilidad fundada de que continúen incrementándose en el futuro inmediato, en niveles que agraven el daño material causado a la rama de producción nacional.

9. Otros factores de daño

202. De conformidad con lo dispuesto en los artículos 3.5 del Acuerdo Antidumping, 39 último párrafo de la LCE y 69 del RLCE, la Secretaría examinó la concurrencia de factores distintos a las importaciones originarias de China, en condiciones de discriminación de precios, que al mismo tiempo pudieran ser causa del daño material a la rama de producción nacional de alambrón de acero.

203. En el transcurso de la investigación, las Solicitantes manifestaron que no existieron factores distintos de las importaciones en condiciones de discriminación de precios que causaran daño a la rama de producción nacional. Los argumentos que sustentan su afirmación se indican en los puntos 199 de la Resolución de Inicio y 197 de la Resolución Preliminar:

a. las importaciones originarias de países distintos a China mantuvieron su participación en el CNA en alrededor de 2 a 3% durante el periodo analizado; asimismo, los precios que registraron se ubicaron de manera sistemática por arriba de los precios de las importaciones objeto de discriminación de precios y de los precios nacionales; de modo que no tuvieron efectos distorsionadores sobre el mercado y la producción nacional;

b. la demanda de alambrón en el mercado mexicano registró un incremento en el periodo investigado con respecto a los dos periodos previos comparables; asimismo, de acuerdo con los pronósticos de CANACERO, se estima que el consumo nacional de este producto continúe creciendo en los próximos años;

c. la producción nacional de alambrón está orientada al mercado interno, lo que la hace altamente sensible a las importaciones en condiciones desleales de comercio;

d. durante el periodo analizado las ventas de exportación no pudieron absorber el impacto negativo de las ventas en el mercado interno;

e. la productividad no fue un factor que afectara el desempeño de la rama de producción nacional, ya que registró una variación positiva de 7% en el periodo investigado con respecto al mismo periodo anterior comparable;

f. en razón de que las importaciones investigadas no concurren a la producción de los bienes que las Solicitantes fabrican y comercializan internamente, los volúmenes de autoconsumo no pueden ser causa directa del daño, y

g. manifestaron no tener conocimiento de prácticas comerciales restrictivas ni cambios en la tecnología que hayan afectado el comportamiento del mercado nacional; además, la competencia ocurre en condiciones normales de mercado (oferta-demanda) y las ventajas competitivas derivan de ofrecer precios razonables, un buen servicio, cantidad y calidad disponible.

204. En esta etapa de la investigación, Aceros Titán argumentó que un análisis objetivo e integral que tenga por objeto demostrar que las importaciones investigadas causaron daño debe incluir una evaluación completa, en términos económicos, sobre la no atribución del daño a factores ajenos a las importaciones originarias de China.

205. En este sentido, Aceros Titán solicitó cuantificar los efectos negativos derivados de la caída de las exportaciones y no atribuirlos a las importaciones investigadas. Sustentó su solicitud en la determinación del Informe del Grupo Especial para el caso México-Derechos antidumping sobre las tuberías procedentes de Guatemala, en donde se determinó que la magnitud de las ventas externas fue superior a la caída que registraron las ventas internas.

206. La Secretaría examinó factores que pudieran ser pertinentes al análisis del comportamiento de la rama de producción nacional y constató los resultados que se indican en los puntos subsecuentes.

207. De acuerdo con las cifras disponibles que obran en el expediente administrativo, la demanda del producto objeto de investigación, medida por el CNA, aunque registró un descenso de 7% en el periodo abril de 2013-marzo de 2014, creció 16% en el periodo investigado, lo que significó un crecimiento acumulado de 8% en el periodo analizado, comportamiento que, según pronósticos de la CANACERO, continuará en el futuro próximo. En este contexto del desempeño del mercado nacional, la Secretaría no tuvo elementos que indiquen que las importaciones de otros orígenes podrían ser la causa de daño a la industria nacional.

208. En efecto, aunque las importaciones de otros orígenes aumentaron 21% en el periodo analizado, no pudieron haber afectado a la rama de producción nacional, ya que: i) prácticamente mantuvieron su participación de mercado en un porcentaje de poco más de 2%; de hecho, sólo la aumentaron en 0.3 puntos porcentuales durante dicho periodo, y ii) durante el periodo analizado su precio promedio fue mayor que el de las ventas nacionales al mercado interno, en porcentajes que fluctuaron entre 31% (abril de 2012-marzo de 2013), 58% (abril de 2013-marzo de 2014) y 61% en el periodo investigado (abril de 2014-marzo de 2015).

209. En contraste, las importaciones investigadas aumentaron 282% a lo largo del periodo analizado (-51% del periodo comprendido de abril de 2012-marzo de 2013 al siguiente lapso comparable y +676% en el periodo investigado). Este comportamiento, les permitió incrementar su participación en las importaciones totales y en el mercado nacional.

210. Las importaciones investigadas pasaron de una contribución de 38% en las importaciones totales en el periodo abril de 2012-marzo de 2013 a 66% en el investigado; en los mismos periodos, su participación en el CNA pasó de 1.3% a 4.7%, lo que significó un aumento de 3.4 puntos porcentuales; en términos del consumo interno, su participación pasó de 2.5% a 9.1%, que se tradujo en un aumento de 6.6 puntos porcentuales.

211. Aunado a ello, el precio de las importaciones investigadas fue menor que el precio de las ventas nacionales al mercado interno, en porcentajes de 2% en el periodo abril de 2013-marzo de 2014 y 10% en el periodo investigado, justo cuando el volumen de las importaciones investigadas aumentó considerablemente.

212. Por otra parte, la Secretaría consideró que el comportamiento de la productividad de las Solicitantes no pudo causar daño a la rama de producción nacional, pues este indicador acumuló un crecimiento de 2% durante el periodo analizado (decreció 2% en el periodo abril de 2013-marzo de 2014, pero aumentó 4% en el periodo investigado).

213. Asimismo, el comportamiento del autoconsumo tampoco pudo causar daño a la rama de producción nacional, ya que, como se indica en el punto 151 de la presente Resolución, la producción que se destinó para autoconsumo acumuló un crecimiento de 10% en el periodo analizado (-3% en el periodo abril de 2013-marzo de 2014, pero aumentó 14% en el periodo investigado).

214. Por lo que se refiere al desempeño exportador de la industria nacional, como se indica en los puntos 112, 153 y 155 de la presente Resolución, las exportaciones de la industria nacional disminuyeron 33% en el periodo analizado (+5% en el periodo abril de 2013-marzo de 2014 y -36% en el periodo investigado). Las exportaciones de las Solicitantes registraron un comportamiento similar, ya que en el mismo periodo disminuyeron 42% (+13% en el periodo abril de 2013-marzo de 2014 y -49% en el periodo investigado).

215. Sin embargo, aunque se observa una caída de las exportaciones de las Solicitantes, el mercado externo no es determinante en el desempeño de la rama de producción nacional, en razón de que representaron en promedio el 12% de su producción y 28% de sus ventas al mercado interno durante el periodo analizado. Adicionalmente, si bien las ventas de exportación disminuyeron en el periodo investigado, cabe resaltar que el desempeño de la rama de producción nacional depende fundamentalmente de las ventas internas, ya que así lo confirma su participación en las ventas totales, al pasar de una contribución del 77% en el periodo abril de 2012-marzo de 2013 a 85% en el periodo investigado.

216. Conforme se indica en el punto 156 de la presente Resolución, la Secretaría observó que durante el periodo analizado:

a. en términos absolutos, la caída de los ingresos de las ventas totales de la rama de producción nacional se explica en mayor medida por el descenso que registraron los ingresos derivados de las ventas internas, ya que el total de la caída de los ingresos derivados de las ventas internas representaron el 59% del total del descenso de los ingresos totales, en tanto que el restante 41% fue resultado de las ventas al mercado externo, y

b. en términos absolutos, los ingresos por ventas al mercado interno disminuyeron 43% más con respecto al descenso que registraron los del mercado externo. Asimismo, la disminución de los ingresos por ventas totales fue de 26%, la cual se explica en mayor medida por una caída ponderada de los ingresos por ventas al mercado interno de 15.3%, mientras que la de los ingresos por exportaciones fue de 10.7%.

217. Aunado a ello, al aislar los resultados de la actividad exportadora de la rama de producción nacional, el comportamiento de indicadores relevantes en el periodo analizado fue el siguiente: la PNOMI de la rama de producción nacional registró un aumento de 2%; a pesar de ello, las ventas internas se redujeron 4%; el empleo vinculado con la producción para ventas cayó 4%; la utilización de capacidad disminuyó 3 puntos porcentuales, los ingresos disminuyeron 19.5% y las utilidades operativas derivadas de las ventas al mercado interno fueron negativas.

218. Estos resultados indican que, aun sin considerar la caída de las exportaciones en el periodo analizado, hubo un deterioro en el desempeño de la rama de producción nacional en el mercado interno motivado por las importaciones en condiciones de discriminación de precios (que aumentaron su participación en el mercado nacional).

219. Adicionalmente, la información que obra en el expediente administrativo no indica que hubiesen ocurrido innovaciones tecnológicas ni cambios en la estructura de consumo, o bien, prácticas comerciales restrictivas que afectaran el desempeño de la rama de producción nacional.

220. De acuerdo con los resultados descritos, la Secretaría concluyó que la información disponible que obra en el expediente administrativo, no indica la concurrencia de otros factores distintos a las importaciones

de alambrón de acero originarias de China realizadas en condiciones de discriminación de precios, que al mismo tiempo pudieran ser la causa de daño material a la rama de producción nacional.

H. Conclusiones

221. Con base en el análisis integral de los argumentos y pruebas descritos en la presente Resolución, la Secretaría concluyó que existen elementos suficientes que sustentan que, durante el periodo investigado, las importaciones de alambrón de acero al carbono y acero aleado originarias de China, se realizaron en condiciones de discriminación de precios y causaron daño material a la rama de producción nacional de la mercancía similar. Entre los principales elementos evaluados que sustentan esta conclusión, sin que éstos puedan considerarse exhaustivos o limitativos, destacan los siguientes:

a. En el periodo investigado, las importaciones originarias de China se efectuaron con un margen de discriminación de precios de $0.49 dólares por kilogramo.

b. Las importaciones investigadas registraron un crecimiento de 282% durante el periodo analizado (+676% en el periodo investigado); su participación en las importaciones totales pasó de 38% en el periodo abril de 2012-marzo de 2013 a 66% en el periodo investigado.

c. El incremento que registraron las importaciones investigadas les permitió aumentar su participación en el CNA en 3.4 puntos porcentuales en el periodo analizado (+4 puntos en el periodo investigado), al pasar de 1.3% a 4.7%, o bien, 6.6 puntos en el consumo interno (7.8 puntos en el periodo investigado), al pasar de 2.5% a 9.1%.

d. En los periodos abril de 2013-marzo de 2014 y el investigado, el precio promedio de las importaciones de alambrón de acero al carbono y acero aleado, originarias de China, se ubicó por debajo del precio de venta al mercado interno de la rama de producción nacional (en porcentajes de 2% y 10%, respectivamente) y del precio promedio de las importaciones de otros orígenes (en porcentajes de 38% y 44%, respectivamente).

e. En el periodo investigado, la concurrencia de las importaciones investigadas en condiciones de discriminación de precios, incidió negativamente en indicadores económicos y financieros relevantes de la rama de producción nacional, entre ellos, producción para venta, ventas al mercado interno, participación de mercado (tanto en el CNA como en el consumo interno), empleo, precios al mercado interno, ingresos, utilidades operativas y márgenes operativos derivadas del comportamiento de las ventas directas al mercado interno, así como la contribución del producto similar al ROA de la rama de producción nacional.

f. La información disponible indica que China cuenta con una capacidad libremente disponible y un potencial exportador varias veces mayor que el tamaño del mercado nacional de la mercancía similar. Ello, aunado a la desaceleración de su economía y las restricciones comerciales que enfrenta por medidas antidumping y antisubvenciones en mercados relevantes, permite presumir que China podría reorientar parte de sus exportaciones de alambrón al mercado nacional.

g. Lo descrito en el inciso anterior, aunado a la tendencia decreciente de los precios de las importaciones investigadas, constituyen elementos suficientes que sustentan la probabilidad de que en el futuro inmediato las importaciones de alambrón de acero al carbono y acero aleado, originarias de China, aumenten considerablemente; en una magnitud tal que incrementen su participación en el mercado nacional y desplacen aún más a la rama de producción nacional y, en consecuencia, profundicen los efectos negativos en los indicadores económicos y financieros de la rama de producción nacional.

h. No se identificaron otros factores de daño diferentes de las importaciones originarias de China.

I. Cuota compensatoria

222. ArcelorMittal, Deacero y Ternium solicitaron la aplicación de cuotas compensatorias definitivas a las importaciones investigadas, no menores a los márgenes de discriminación de precios encontrados, en razón de la existencia de discriminación de precios y daño a la rama de producción nacional. Por su parte, Aceros Titán solicitó evaluar la procedencia de aplicar cuotas compensatorias definitivas inferiores a los márgenes de discriminación de precios determinados.

223. Al respecto, los artículos 9.1 del Acuerdo Antidumping y 62 párrafo primero de la LCE, disponen que por regla general el monto de la cuota compensatoria corresponde al margen de discriminación de precios determinado, aunque la misma legislación permite analizar la factibilidad de aplicar una cuota compensatoria

menor al margen de discriminación de precios calculado, siempre y cuando ésta sea suficiente para eliminar el daño a la rama de producción nacional.

224. En la presente investigación, los resultados indican que la rama de producción nacional enfrenta una condición vulnerable, pues se vio orillada a disminuir su precio de venta al mercado interno para enfrentar las condiciones de competencia de las importaciones investigadas, lo que se tradujo en el desempeño negativo durante el periodo analizado, particularmente, en el investigado, de sus ingresos y utilidades de operación derivadas del comportamiento de las ventas directas al mercado interno.

225. Por otra parte, la información que obra en el expediente administrativo indica que durante el periodo analizado el alambrón de acero se importó de veinte países distintos de China, conforme lo establecido en el punto 112 de la presente Resolución.

226. En consecuencia, la Secretaría consideró que ante la vulnerabilidad de la rama de producción nacional, la aplicación de una cuota compensatoria menor al margen de discriminación de precios no sería suficiente para eliminar el daño que enfrenta la industria nacional ante la concurrencia de las importaciones de alambrón de acero al carbono y acero aleado originarias de China en condiciones desleales, por lo que determinó que es procedente aplicar una cuota compensatoria definitiva equivalente al margen de discriminación de precios calculado, de conformidad con lo previsto en los artículos 9.1 del Acuerdo Antidumping y 62 párrafo primero de la LCE.

227. Por lo anteriormente expuesto y con fundamento en los artículos 9.1 del Acuerdo Antidumping y 59 fracción I y 62 párrafo primero de la LCE, es procedente emitir la siguiente

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228. Se declara concluido el procedimiento de investigación en materia de prácticas desleales de comercio internacional, en su modalidad de discriminación de precios, y se impone una cuota compensatoria definitiva de $0.49 (cero punto cuarenta y nueve) dólares por kilogramo a las importaciones de alambrón de acero, incluidas las definitivas y temporales, incluidas las que ingresan al amparo de la Regla Octava para la aplicación de la TIGIE, originarias de China, independientemente del país de procedencia, que ingresan por las fracciones arancelarias 7213.10.01, 7213.20.01, 7213.91.01, 7213.91.02, 7213.99.01, 7213.99.99, 7227.10.01, 7227.20.01, 7227.90.01, 7227.90.99 y al amparo de la Regla Octava por las fracciones arancelarias 9802.00.01, 9802.00.07, 9802.00.13, 9802.00.19 y 9802.00.23 de la TIGIE, o por cualquier otra.

229. Compete a la Secretaría de Hacienda y Crédito Público aplicar la cuota compensatoria en todo el territorio nacional.

230. Con fundamento en los artículos 10.3 del Acuerdo Antidumping y 65 de la LCE, háganse efectivas las garantías que se hubieren otorgado por el pago de las cuotas compensatorias provisionales.

231. De acuerdo con lo dispuesto en el artículo 66 de la LCE, los importadores que conforme a esta Resolución deban pagar la cuota compensatoria definitiva, no estarán obligados al pago de la misma si comprueban que el país de origen de la mercancía es distinto a China. La comprobación del origen de la mercancía se hará conforme a lo previsto en el Acuerdo por el que se establecen las normas para la determinación del país de origen de las mercancías importadas y las disposiciones para su certificación, para efectos no preferenciales (antes Acuerdo por el que se establecen las normas para la determinación del país de origen de las mercancías importadas y las disposiciones para su certificación, en materia de cuotas compensatorias) publicado en el DOF el 30 de agosto de 1994, y sus modificaciones publicadas en el mismo órgano de difusión el 11 de noviembre de 1996, 12 de octubre de 1998, 30 de julio de 1999, 30 de junio de 2000, 1 y 23 de marzo de 2001, 29 de junio de 2001, 6 de septiembre de 2002, 30 de mayo de 2003, 14 de julio de 2004, 19 de mayo de 2005, 17 de julio de 2008 y 16 de octubre de 2008.

232. Notifíquese la presente Resolución a las partes interesadas de que se tiene conocimiento.

233. Comuníquese esta Resolución al Servicio de Administración Tributaria para los efectos legales correspondientes.

234. La presente Resolución entrará en vigor al día siguiente de su publicación en el DOF.

Ciudad de México, a 15 de julio de 2016.- El Secretario de Economía, **Ildefonso Guajardo Villarreal**.- Rúbrica.

Exhibit 32

Historical Pricing Series for Wire Rod

AUVs in Dollars / ST

		Steel Scrap Prices Quarterly			US Producer Pricing Data [ ]		
		No. 1 busheling	No. 1 heavy melt	Shredded auto scrap	Product 1	Product 2	Product 3
2014	Q1	[		]	663	684	662
	Q2	[		]	653	667	649
	Q3	[		]	636	651	639
	Q4	[		]	622	633	622
2015	Q1	[		]	570	565	572
	Q2	[		]	511	514	516
	Q3	[		]	527	525	517
	Q4	[		]	473	467	464
2016	Q1	[		]	438	446	439
	Q2	[		]	483	498	478
	Q3	[		]	489	502	498
	Q4	[		]	454	464	457
2017	Q1	[					]
	Q2	[					]
	Q3	[					]
	Q4	[					]
2018	Q1	[					]
	Q2	[					]
	Q3	[					]
	Q4	[					]
2019	Q1	[					]
	Q2	[					]
	Q3	[					]
	Q4	[					]

Sources: AMM; USITC Pub. No. 4752 at Tables V-3, V-4, and V-5; U.S. Producers' Questionnaire Responses at IV-2b.