



[Billing Code 3290-F8]

**OFFICE OF THE UNITED STATES TRADE REPRESENTATIVE**

**Docket No. USTR-2018-0005**

**Notice of Determination and Request for Public Comment Concerning Proposed Determination of Action Pursuant to Section 301: China's Acts, Policies, and Practices Related to Technology Transfer, Intellectual Property, and Innovation**

**AGENCY:** Office of the United States Trade Representative

**ACTION:** Notice of determination, request for comments, and notice of public hearing

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**SUMMARY:** The U.S. Trade Representative (Trade Representative) has determined that the acts, policies, and practices of the Government of China related to technology transfer, intellectual property, and innovation covered in the investigation are unreasonable or discriminatory and burden or restrict U.S. commerce. The Office of the U.S. Trade Representative (USTR) is seeking public comment and will hold a public hearing regarding a proposed determination on appropriate action in response to these acts, policies, and practices. The Trade Representative proposes an additional duty of 25 percent on a list of products from China. The list of products, defined by 8-digit subheadings of the Harmonized Tariff Schedule of the United States (HTSUS), is set out in the Annex to this Notice.

**DATES:** To be assured of consideration, you must submit comments and responses in accordance with the following schedule:

April 23, 2018: Due date for filing requests to appear and a summary of expected testimony at the public hearing and for filing pre-hearing submissions.

May 11, 2018: Due date for submission of written comments.

May 15, 2018: The Section 301 Committee will convene a public hearing in the main hearing room of the U.S. International Trade Commission, 500 E Street SW Washington DC 20436 beginning at 10:00 am.

May 22, 2018: Due date for submission of post-hearing rebuttal comments.

**ADDRESSES:** USTR strongly prefers electronic submissions made through the Federal eRulemaking Portal: <http://www.regulations.gov>. Follow the instructions for submitting comments in sections F and G below. The docket number is USTR-2018-0005. For alternatives to on-line submissions, please contact Sandy McKinzy at (202) 395-9483.

**FOR FURTHER INFORMATION CONTACT:** For questions about the ongoing investigation or proposed action, contact Arthur Tsao, Assistant General Counsel, at (202) 395-5725. For questions on customs classification of products identified in the Annex to this Notice, contact Evan Conceicao at [Evan.M.Conceicao@cbp.dhs.gov](mailto:Evan.M.Conceicao@cbp.dhs.gov).

## **SUPPLEMENTARY INFORMATION:**

### **A. Proceedings in the Investigation**

On August 14, 2017, the President issued a Memorandum (82 FR 39007) instructing the Trade Representative to determine whether to investigate under section 301 of the Trade Act of 1974 (Trade Act) (19 U.S.C. 2411), laws, policies, practices, or

actions of the Government of China that may be unreasonable or discriminatory and that may be harming American intellectual property rights, innovation, or technology development.

On August 18, 2017, after consultation with the appropriate advisory committees and the inter-agency Section 301 Committee, USTR initiated an investigation into certain acts, policies, and practices of the Government of China related to technology transfer, intellectual property, and innovation. The notice of initiation (82 FR 40213) solicited written comments on, *inter alia*, four categories of acts, policies and practices of the Government of China:

1. The Chinese government reportedly uses a variety of tools, including opaque and discretionary administrative approval processes, joint venture requirements, foreign equity limitations, procurements, and other mechanisms to regulate or intervene in U.S. companies' operations in China, in order to require or pressure the transfer of technologies and intellectual property to Chinese companies. Moreover, many U.S. companies report facing vague and unwritten rules, as well as local rules that diverge from national ones, which are applied in a selective and non-transparent manner by Chinese government officials to pressure technology transfer.
2. The Chinese government's acts, policies and practices reportedly deprive U.S. companies of the ability to set market-based terms in licensing and other technology-related negotiations with Chinese companies and undermine U.S. companies' control over their technology in China. For example, the Regulations on Technology Import and Export Administration mandate particular terms for indemnities and ownership of

technology improvements for imported technology, and other measures also impose non-market terms in licensing and technology contracts.

3. The Chinese government reportedly directs and/or unfairly facilitates the systematic investment in, and/or acquisition of, U.S. companies and assets by Chinese companies to obtain cutting-edge technologies and intellectual property and generate large-scale technology transfer in industries deemed important by Chinese government industrial plans.

4. The investigation will consider whether the Chinese government is conducting or supporting unauthorized intrusions into U.S. commercial computer networks or cyber-enabled theft of intellectual property, trade secrets, or confidential business information, and whether this conduct harms U.S. companies or provides competitive advantages to Chinese companies or commercial sectors.

Interested persons filed approximately 70 written submissions. In addition, USTR and the Section 301 Committee convened a public hearing on October 10, 2017, during which witnesses provided testimony and responded to questions. The public submissions and a transcript of the hearing are available on [www.regulations.gov](http://www.regulations.gov) in docket number USTR-2017-0016.

Based on information obtained during the investigation, including the public submissions and the public hearing, USTR and the Section 301 Committee have prepared a comprehensive report on the acts, policies, and practices under investigation. USTR posted the report on its website on March 22, 2018:

<https://ustr.gov/sites/default/files/Section%20301%20FINAL.PDF>. The report supports

findings that each of the four categories of acts, policies, and practices are unreasonable or discriminatory and burden or restrict U.S. commerce.

## **B. Determination on Acts, Policies, and Practices Under Investigation**

Based on the information obtained during the investigation and the advice of the Section 301 Committee, and as reflected in the publicly-available report on the findings in the investigation, the Trade Representative has made the following determination under sections 301(b) and 304(a) of the Trade Act (19 U.S.C. 2411(b) and 2414(a)): the acts, policies, and practices covered in the investigation are unreasonable or discriminatory and burden or restrict U.S. commerce, and are thus actionable under section 301(b) of the Trade Act. In particular:

1. China uses foreign ownership restrictions, such as joint venture requirements and foreign equity limitations, and various administrative review and licensing processes, to require or pressure technology transfer from U.S. companies.
2. China's regime of technology regulations forces U.S. companies seeking to license technologies to Chinese entities to do so on non-market-based terms that favor Chinese recipients.
3. China directs and unfairly facilitates the systematic investment in, and acquisition of, U.S. companies and assets by Chinese companies to obtain cutting-edge technologies and intellectual property and generate the transfer of technology to Chinese companies.

4. China conducts and supports unauthorized intrusions into, and theft from, the computer networks of U.S. companies to access their sensitive commercial information and trade secrets.

### **C. Proposed Determination on Appropriate Action**

Upon determining that the acts, policies, and practices under investigation are actionable, section 301(b) provides that the Trade Representative shall take all appropriate and feasible action authorized under section 301(c), subject to the specific direction, if any, of the President regarding such action, and all other appropriate and feasible action within the power of the President that the President may direct the Trade Representative to take under section 301(b), to obtain the elimination of that act, policy, or practice. In a Memorandum dated March 22, 2018 (83 FR 13099), the President directed the Trade Representative as follows:

*Section 1. Tariffs.* (a) The Trade Representative should take all appropriate action under section 301 of the Act (19 U.S.C. 2411) to address the acts, policies, and practices of China that are unreasonable or discriminatory and that burden or restrict U.S. commerce. The Trade Representative shall consider whether such action should include increased tariffs on goods from China.

(b) To advance the purposes of subsection (a) of this section, the Trade Representative shall publish a proposed list of products and any intended tariff increases within 15 days of the date of this memorandum. After a period of notice and comment in accordance with section 304(b) of the Act (19 U.S.C. 2414(b)), and after consultation with appropriate agencies and committees, the Trade Representative shall, as

appropriate and consistent with law, publish a final list of products and tariff increases, if any, and implement any such tariffs.

Pursuant to sections 301(b) and (c) and the March 22<sup>nd</sup> Memorandum from the President, the Trade Representative proposes that appropriate action would include increased tariffs on certain goods of Chinese origin. In particular, the proposed action is an additional duty of 25 percent on a list of products of Chinese origin identified in the Annex to this Notice. For example, if a good of Chinese origin is currently subject to a zero *ad valorem* rate of duty, the product would be subject to a 25 percent *ad valorem* rate of duty; if a good of Chinese origin were currently subject to a 10 percent *ad valorem* rate of duty, the product would be subject to a 35 percent *ad valorem* rate of duty; and so on.

To ensure the effectiveness of the action, any merchandise subject to the increased tariffs admitted into a U.S. foreign trade zone on or after the effective date of the increased tariffs would have to be admitted as “privileged foreign status” as defined in 19 CFR 146.41, and would be subject upon entry for consumption to the additional duty.

The list of products covered by the proposed action was developed using the following methodology:

Trade analysts from several U.S. Government agencies identified products that benefit from Chinese industrial policies, including Made in China 2025. The list was refined by removing specific products identified by analysts as likely to cause disruptions to the U.S. economy, and tariff lines that are subject to legal or administrative constraints. The remaining products were ranked according to the likely impact on U.S. consumers, based on available trade data involving alternative country sources for each product. The

proposed list was then compiled by selecting products from the ranked list with lowest consumer impact.

The value of the list is approximately \$50 billion in terms of estimated annual trade value for calendar year 2018. This level is appropriate both in light of the estimated harm to the U.S. economy, and to obtain elimination of China's harmful acts, policies, and practices.

#### **D. WTO Dispute on Certain Discriminatory Technology Regulations**

As noted above, the second category of acts, policies, and practices under investigation involve certain discriminatory technology regulations. The Presidential Memorandum provides the following regarding the Trade Representative's findings on this issue:

*Section 2. WTO Dispute Settlement.* (a) The Trade Representative shall, as appropriate and consistent with law, pursue dispute settlement in the World Trade Organization (WTO) to address China's discriminatory licensing practices. Where appropriate and consistent with law, the Trade Representative should pursue this action in cooperation with other WTO members to address China's unfair trade practices.

(b) Within 60 days of the date of this memorandum, the Trade Representative shall report to me his progress under subsection (a) of this section.

The Trade Representative has decided that certain acts, policies, and practices of China considered in the investigation may be appropriately addressed through recourse to WTO dispute settlement. Accordingly, on March 23, 2018, the Trade Representative initiated a WTO dispute by requesting consultations with the Government of China regarding



certain specific aspects of China's technology regulations considered in the investigation. You can find documents related to this dispute on the dispute settlement section of the WTO website under DS542: China — Certain Measures Concerning the Protection of Intellectual Property Rights. Because the Trade Representative intends to address these issues through recourse to WTO dispute settlement, the proposed tariff action does not relate to or take into account harm caused by these acts, policies, and practices.

#### **E. Request for Public Comments**

In accordance with section 304(b) of the Trade Act (19 U.S.C. 2414(b)), USTR invites comments from interested persons with respect to the proposed action to be taken in response to the acts, policies, and practices of China determined to be unreasonable or discriminatory, and to burden or restrict U.S. commerce. To be assured of consideration, you must submit written comments on the proposed action in response to China's acts, policies, and practices by May 11, 2018, and post-hearing rebuttal comments by May 22, 2018.

USTR requests comments with respect to any aspect of the proposed action, including:

- The specific products to be subject to increased duties, including whether products listed in the Annex should be retained or removed, or whether products not currently on the list should be added.
- The level of the increase, if any, in the rate of duty.
- The appropriate aggregate level of trade to be covered by additional duties.

In commenting on the inclusion or removal of particular products on the list of products subject to the proposed additional duties, USTR requests that commenters address specifically whether imposing increased duties on a particular product would be practicable or effective to obtain the elimination of China's acts, policies, and practices, and whether maintaining or imposing additional duties on a particular product would cause disproportionate economic harm to U.S. interests, including small- or medium-size businesses and consumers.

#### **F. Hearing Participation.**

The Section 301 Committee will convene a public hearing in the main hearing room of the U.S. International Trade Commission, 500 E Street SW Washington DC 20436, beginning at 10:00 am on May 15, 2018. You must submit requests to appear at the hearing by April 23, 2018. The request to appear must include a summary of testimony, and may be accompanied by a pre-hearing submission. Remarks at the hearing may be no longer than five minutes to allow for possible questions from the Section 301 Committee.

All submissions must be in English and sent electronically via [www.regulations.gov](http://www.regulations.gov). To submit a request to appear at the hearing via [www.regulations.gov](http://www.regulations.gov), enter docket number **USTR-2018-0005**. In the "Type Comment" field, include the name, address, email address, and telephone number of the person presenting the testimony. Attach a summary of the testimony, and a pre-hearing submission if provided, by using the "Upload File" field. The file name should include the name of the person who will be presenting the testimony. In addition, please submit a

request to appear by email to [301investigation@ustr.eop.gov](mailto:301investigation@ustr.eop.gov). In the subject line of the email, please include the name of the person who will be presenting the testimony, followed by “Request to Appear”. Please also include the name, address, email address, and telephone number of the person presenting testimony in the body of the email message.

#### **G. Procedures for Written Submissions**

To assist in review of public comments submitted pursuant to Section E, the Section 301 Committee has prepared a public comment form that will be posted on the USTR website under “Enforcement/Section 301 investigations” and on the [www.regulations.gov](http://www.regulations.gov) docket. USTR strongly encourages commenters to use the form to submit comments pursuant to Section E, though use of the form is not required. Please identify the specific good in question by the applicable HTSUS subheading.

All submissions must be in English and sent electronically via [www.regulations.gov](http://www.regulations.gov). To submit comments via [www.regulations.gov](http://www.regulations.gov), enter docket number **USTR-2018-0005** on the home page and click “search.” The site will provide a search-results page listing all documents associated with this docket. Find a reference to this notice and click on the link entitled “Comment Now!” For further information on using the [www.regulations.gov](http://www.regulations.gov) website, please consult the resources provided on the website by clicking on “How to Use Regulations.gov” on the bottom of the home page. We will not accept hand-delivered submissions.

The [www.regulations.gov](http://www.regulations.gov) website allows users to submit comments by filling in a “Type Comment” field or by attaching a document using an “Upload File” field. USTR

prefers that you submit comments in an attached document. If you attach a document, it is sufficient to type “see attached” in the “Type Comment” field. USTR prefers submissions in Microsoft Word (.doc) or Adobe Acrobat (.pdf). If you use an application other than those two, please indicate the name of the application in the “Type Comment” field.

File names should reflect the name of the person or entity submitting the comments. Please do not attach separate cover letters to electronic submissions; rather, include any information that might appear in a cover letter in the comments themselves. Similarly, to the extent possible, please include any exhibits, annexes, or other attachments in the same file as the comment itself, rather than submitting them as separate files.

For any comments submitted electronically containing business confidential information, the file name of the business confidential version should begin with the characters “BC”. Any page containing business confidential information must be clearly marked “BUSINESS CONFIDENTIAL” on the top of that page and the submission should clearly indicate, via brackets, highlighting, or other means, the specific information that is business confidential. If you request business confidential treatment, you must certify in writing that disclosure of the information would endanger trade secrets or profitability, and that the information would not customarily be released to the public. Filers of submissions containing business confidential information also must submit a public version of their comments. The file name of the public version should begin with the character “P”. The “BC” and “P” should be followed by the name of the person or entity submitting the comments or rebuttal comments. If these procedures are

not sufficient to protect business confidential information or otherwise protect business interests, please contact the USTR Tech Transfer Section 301 line at (202) 395-5725 to discuss whether alternative arrangements are possible.

USTR will post submissions in the docket for public inspection, except business confidential information. You can view submissions on the <https://www.regulations.gov> website by entering docket number USTR-2018-0005 in the search field on the home page.

ROBERT LIGHTHIZER  
United States Trade Representative.

## ANNEX

Note: All products that are classified in the 8-digit subheadings of the Harmonized Tariff Schedule of the United States (HTSUS) that are listed in this Annex are covered by the proposed action. The product descriptions that are contained in this Annex are provided for informational purposes only, and are not intended to delimit in any way the scope of the proposed action. Any questions regarding the scope of particular HTSUS subheadings should be referred to U.S. Customs and Border Protection. In the product descriptions, the abbreviations “nesoi” and “nesi” mean “not elsewhere specified or included”.

| HTS subheading | Product Description                                                                                                                     |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| 28443010 ..... | Thorium compounds                                                                                                                       |
| 28443020 ..... | Compounds of uranium depleted in U235                                                                                                   |
| 28443050 ..... | Uranium depleted in U235, thorium; alloys, dispersions, ceramic products and mixtures of these products and their compounds             |
| 28459000 ..... | Isotopes not in heading 2844 and their compounds other than heavy water                                                                 |
| 29146200 ..... | Coenzyme Q10 (ubidecarenone (INN)                                                                                                       |
| 29146921 ..... | Quinone drugs                                                                                                                           |
| 29189914 ..... | 2-(4-Chloro-2-methyl-phenoxy)propionic acid and its salts                                                                               |
| 29189930 ..... | Aromatic drugs derived from carboxylic acids with additional oxygen function, and their derivatives, nesoi                              |
| 29214600 ..... | Amfetamine (INN), benzfetamine (INN), dexamfetamine (INN), etilamfetamine (INN), and other specified INNs; salts thereof                |
| 29214932 ..... | Fast color bases of aromatic monamines and their derivatives                                                                            |
| 29214938 ..... | Aromatic monoamine antidepressants, tranquilizers and other psychotherapeutic agents, nesoi                                             |
| 29214943 ..... | Aromatic monoamine drugs, nesoi                                                                                                         |
| 29221909 ..... | Aromatic amino-alcohols drugs, their ethers and esters, other than those containing > one kind of oxygen function; salts thereof; nesoi |
| 29221990 ..... | Salts of triethanolamine                                                                                                                |
| 29221996 ..... | Amino-alcohols, other than those containing more than one kind of oxygen function, their ethers and esters and salts thereof, nesoi     |
| 29225013 ..... | Isoetharine hydrochloride and other specified aromatic drugs of amino-compounds with oxygen function                                    |
| 29225014 ..... | Other aromatic cardiovascular drugs of amino-compounds with oxygen function                                                             |
| 29225017 ..... | Aromatic dermatological agents and local anesthetics of amino-compounds with oxygen function                                            |
| 29225019 ..... | Aromatic guaiacol derivatives of amino-compounds with oxygen function                                                                   |
| 29242905 ..... | Biligradin acid; 3,5-diacetamido-2,4,6-triiodobenzoic acid; and metrizoic acid                                                          |
| 29242936 ..... | Naphthol AS and derivatives, nesoi                                                                                                      |
| 29242952 ..... | Aromatic cyclic amides for use as fast color bases                                                                                      |
| 29242957 ..... | Diethylaminoacetoxylidide (Lidocaine)                                                                                                   |
| 29242962 ..... | Other aromatic cyclic amides and derivatives for use as drugs                                                                           |

| HTS subheading | Product Description                                                                                                                          |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| 29280010 ..... | Methyl ethyl ketoxime                                                                                                                        |
| 29319010 ..... | 4,4'-Diphenyl-bis-phosphonous acid, di(2',2'',4',4''-di-tert-butyl)phenyl ester                                                              |
| 29329961 ..... | Aromatic heterocyclic compounds with oxygen hetero-atom(s) only described in additional U.S. note 3 to section VI, nesoi                     |
| 29333915 ..... | Quinuclidin-3-ol                                                                                                                             |
| 29339942 ..... | Acriflavin; Acriflavin hydrochloride; Carbadox; Pyrazinamide                                                                                 |
| 29339951 ..... | Hydralazine hydrochloride                                                                                                                    |
| 29339958 ..... | Droperidol; and Imipramine hydrochloride                                                                                                     |
| 29349901 ..... | Mycophenolate mofetil                                                                                                                        |
| 29349905 ..... | 5-Amino-3-phenyl-1,2,4-thiadiazole(3-Phenyl-5-amino-1,2,4-thiadiazole); and 3 other specified aromatic/mod. aromatic heterocyclic compounds  |
| 29349906 ..... | 7-Nitronaphth[1,2]oxadiazole-5-sulfonic acid and its salts                                                                                   |
| 29349947 ..... | Nonaromatic drugs of other heterocyclic compounds, nesoi                                                                                     |
| 29349970 ..... | Morpholinethyl chloride hydrochloride; 2-methyl-2,5-dioxo-1-oxa-2-phospholan; and 1 other specified nonaromatic chemical                     |
| 29371100 ..... | Somatotropin, its derivatives and structural analogues                                                                                       |
| 29371900 ..... | Polypeptide hormones, protein hormones and glycoprotein hormones, their derivatives and structural analogues, nesoi                          |
| 29372325 ..... | Estradiol benzoate; and Estradiol cyclopentylpropionate (estradiol cypionate)                                                                |
| 29375000 ..... | Prostaglandins, thromboxanes and leukotrienes, their derivatives and structural analogues                                                    |
| 29379005 ..... | Epinephrine                                                                                                                                  |
| 29379040 ..... | L-Thyroxine(Levothyroxine), sodium                                                                                                           |
| 30012000 ..... | Extracts of glands or other organs or of their secretions for organotherapeutic uses                                                         |
| 30021100 ..... | Malaria diagnostic test kits                                                                                                                 |
| 30021200 ..... | Antisera and other blood fractions including human blood and fetal bovine serum                                                              |
| 30021300 ..... | Immunological products, unmixed, not put up in measured doses or in forms or packings for retail sale                                        |
| 30021400 ..... | Immunological products, mixed, not put up in measured doses or in forms or packings for retail sale                                          |
| 30021500 ..... | Immunological products, put up in measured doses or in forms or packings for retail sale                                                     |
| 30021900 ..... | Blood fractions, nesoi                                                                                                                       |
| 30022000 ..... | Vaccines for human medicine                                                                                                                  |
| 30023000 ..... | Vaccines for veterinary medicine                                                                                                             |
| 30029010 ..... | Ferments, excluding yeasts                                                                                                                   |
| 30029051 ..... | Human blood; animal blood prepared for therapeutic, prophylactic, diagnostic uses; toxins, cultures of micro-organisms nesoi & like products |
| 30032000 ..... | Medicaments containing antibiotics, nesoi, not dosage form and not packaged for retail                                                       |
| 30033100 ..... | Medicaments containing insulin, not dosage form and not packed for retail                                                                    |
| 30033910 ..... | Medicaments containing artificial mixtures of natural hormones, but not antibiotics, not dosage form and not packed for retail               |

| HTS subheading | Product Description                                                                                                                                   |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| 30033950 ..... | Medicaments containing products of heading 2937, nesoi, but not antibiotics, not dosage form and not packed for retail                                |
| 30034100 ..... | Medicaments containing ephedrine or its salts, not dosage form and not packed for retail                                                              |
| 30034200 ..... | Medicaments containing pseudoephedrine (INN) or its salts, not dosage form and not packed for retail                                                  |
| 30034300 ..... | Medicaments containing norephedrine or its salts, not dosage form and not packed for retail                                                           |
| 30034900 ..... | Other medicaments containing alkaloids or derivatives thereof, nesoi, not dosage form and not packed for retail                                       |
| 30036000 ..... | Other medicaments containing antimalarial active principles described in subheading note 2 to this chapter, not dosage form and not packed for retail |
| 30039001 ..... | Medicaments nesoi, not dosage form and not packed for retail                                                                                          |
| 30041010 ..... | Medicaments containing penicillin G salts, in dosage form and packed for retail                                                                       |
| 30041050 ..... | Medicaments cont. penicillins or streptomycins, nesoi, in dosage form or packed for retail                                                            |
| 30042000 ..... | Medicaments containing antibiotics, nesoi, in dosage form or packed for retail                                                                        |
| 30043100 ..... | Medicaments containing insulin, in dosage form or packed for retail                                                                                   |
| 30043200 ..... | Medicaments, containing adrenal cortical hormones, in dosage form or packed for retail                                                                |
| 30043900 ..... | Medicaments, containing products of heading 2937 nesoi, in dosage form or packed for retail                                                           |
| 30044100 ..... | Medicaments containing ephedrine or its salts, in dosage form and packed for retail                                                                   |
| 30044200 ..... | Medicaments containing pseudoephedrine (INN) or its salts, in dosage form and packed for retail                                                       |
| 30044300 ..... | Medicaments containing norephedrine or its salts, in dosage form and packed for retail                                                                |
| 30044900 ..... | Other medicaments containing alkaloids or derivatives thereof, nesoi, in dosage form and packed for retail                                            |
| 30045010 ..... | Medicaments containing vitamin B2 synthesized from aromatic or mod. aromatic compounds, in dosage form or packed for retail                           |
| 30045020 ..... | Medicaments containing vitamin B12 synthesized from aromatic or mod. aromatic compounds, in dosage form or packed for retail                          |
| 30045030 ..... | Medicaments containing vitamin E synthesized from aromatic or mod. aromatic compounds, in dosage form or packed for retail                            |
| 30045040 ..... | Medicaments containing vitamins nesoi, synthesized from aromatic or mod. aromatic compounds, in dosage form or packed for retail                      |
| 30045050 ..... | Medicaments containing vitamins or other products of heading 2936, nesoi, in dosage form or packed for retail                                         |
| 30046000 ..... | Other medicaments containing antimalarial active principles described in subheading note 2 to this chapter, in dosage form and packed for retail      |
| 30049010 ..... | Medicaments containing antigens or hyaluronic acid or its sodium salt, nesoi, in dosage form or packed for retail                                     |
| 30049092 ..... | Medicaments nesoi, in dosage form and packed for retail                                                                                               |
| 30051010 ..... | Adhesive dressings and other articles having an adhesive layer, coated or impregnated with pharmaceutical substances, packed for retail               |



| HTS subheading | Product Description                                                                                                                          |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| 30061001 ..... | Sterile surgical catgut, suture materials, tissue adhesives for wound closure, laminaria, laminaria tents, and absorbable hemostatics        |
| 30062000 ..... | Blood-grouping reagents                                                                                                                      |
| 30063010 ..... | Opacifying preparation for X-ray examination; diagnostic reagent designed to be administered to the patient; all cont. antigens or antisera  |
| 30064000 ..... | Dental cements and other dental fillings; bone reconstruction cements                                                                        |
| 30066000 ..... | Chemical contraceptive preparations based on hormones or spermicides                                                                         |
| 30067000 ..... | Gel preparation use human/veterinary medicine lubricant in surgical operation, physical exam or coupling agent tween body & med instrument   |
| 30069100 ..... | Appliances identifiable for ostomy use                                                                                                       |
| 38200000 ..... | Antifreezing preparations and prepared de-icing fluids                                                                                       |
| 40061000 ..... | "Camel-back" strips of unvulcanized rubber, for retreading rubber tires                                                                      |
| 40091200 ..... | Tubes, pipes and hoses of vulcanized rubber other than hard rubber, not reinforced or combined w/other materials, with fittings              |
| 40094200 ..... | Tubes, pipes and hoses of vulcanized rubber other than hard rubber, reinforced or combined with other materials nesoi, with fittings         |
| 40101100 ..... | Conveyor belts or belting of vulcanized rubber reinforced only with metal                                                                    |
| 40113000 ..... | New pneumatic tires, of rubber, of a kind used on aircraft                                                                                   |
| 40121300 ..... | Retreaded pneumatic tires, of rubber, of a kind used on aircraft                                                                             |
| 40121980 ..... | Retreaded pneumatic tires (nonradials), of rubber, not elsewhere specified or included                                                       |
| 40169915 ..... | Caps, lids, seals, stoppers and other closures, of noncellular vulcanized rubber other than hard rubber                                      |
| 72071100 ..... | Iron or nonalloy steel semifinished products, w/less than 0.25% carbon, w/rect. cross sect.(incl. sq.), w/width less than twice thickness    |
| 72071200 ..... | Iron or nonalloy steel semifinished products, w/less than 0.25% carbon, w/rect. cross sect. (exclud. sq.), nesoi                             |
| 72071900 ..... | Iron or nonalloy steel semifinished products, w/less than 0.25% carbon, o/than w/rect. cross section                                         |
| 72072000 ..... | Iron or nonalloy steel semifinished products, w/0.25% or more of carbon                                                                      |
| 72081015 ..... | Iron/nonalloy steel, width 600mm+, hot-rolled flat-rolled products, w/patterns in relief, in coils, pickled, not clad/plated/coated          |
| 72081060 ..... | Iron/nonalloy steel,width 600mm+,hot-rolled flat-rolled product,in coil,w/pattern in relief,w/thick <4.75mm,not pickld,not clad/plated/coatd |
| 72082530 ..... | Nonalloy hi-strength steel, width 600mm+, hot-rolled flat-rolled products, in coils, w/thick 4.75mm+, pickled, not clad/plated/coated        |
| 72082560 ..... | Iron/nonalloy steel, width 600mm+, hot-rolled flat-rolled products, in coils, w/thick 4.7mm or more, pickled, not clad/plated/coated         |
| 72082600 ..... | Iron/nonalloy steel, width 600mm+, hot-rolled flat-rolled products, in coils, w/thick 3mm or mor but less 4.75mm, pickled, not clad/plated   |
| 72082700 ..... | Iron/nonalloy steel, width 600mm+, hot-rolled flat-rolled products, in coils, w/thick less than 3mm, pickled, not clad/plated/coated         |
| 72083600 ..... | Iron/nonalloy steel, width 600mm+, hot-rolled flat-rolled products, in coils, w/thick o/10mm, not pickled/clad/plated/coated                 |

| HTS subheading | Product Description                                                                                                                          |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| 72083700 ..... | Iron/nonalloy steel, width 600mm+, hot-rolled flat-rolled products, in coils, w/thick 4.75mm or more & n/o 10mm, not pickled/clad/plated     |
| 72083800 ..... | Iron/nonalloy steel, width 600mm+, hot-rolled flat-rolled products, in coils, w/thick 3mm or more & less 4.75mm, not pickld/clad/plated      |
| 72083900 ..... | Iron/nonalloy steel, width 600mm+, hot-rolled flat-rolled products, in coils, w/thick less than 3mm, not pickled/clad/plated/coated          |
| 72084030 ..... | Iron/nonalloy steel, width 600mm+, hot-rolled flat-rolled products, w/pattern in relief,not coils,w/thick 4.75 or more, n/clad/plated/coated |
| 72085100 ..... | Iron/nonalloy steel, width 600mm+, hot-rolled flat-rolled products, nesoi, not in coils, w/thick o/10mm, not clad/plated/coated              |
| 72085200 ..... | Iron/nonalloy steel, width 600mm+, hot-rolled flat-rolled products, nesoi, not in coils, w/thick 4.75mm+ but n/o 10mm, not clad/plated/      |
| 72085300 ..... | Iron/nonalloy steel, width 600mm+, hot-rolled flat-rolled products, nesoi, not in coils, w/thick 3mm+ but < 4.75mm, not clad/plated/coated   |
| 72091825 ..... | Nonalloy steel(blackplate), width 600mm+, cold-rolled flat-rolled products, in coils, w/thick less than 0.361mm, not clad/plated/coated      |
| 72091860 ..... | Iron/nonalloy steel, width 600mm+, cold-rolled flat-rolled products, in coils, w/thick 0.361mm+ but less 5mm, not clad/plated/coated         |
| 72101100 ..... | Iron/nonalloy steel, width 600mm+, flat-rolled products, plated or coated with tin, w/thick. 0.5 mm or more                                  |
| 72102000 ..... | Iron/nonalloy steel, width 600mm+, flat-rolled products, plated or coated with lead, including terneplate                                    |
| 72106100 ..... | Iron/nonalloy steel, width 600mm+, flat-rolled products, plated or coated with aluminum-zinc alloys                                          |
| 72106900 ..... | Iron/nonalloy steel, width 600mm+, flat-rolled products, plated or coated with aluminum o/than aluminum-zinc alloy                           |
| 72107030 ..... | Iron/nonalloy steel, width 600mm+, flat-rolled products, painted/varnished or coated w/plastic but not plated/coated or clad w/metal         |
| 72111300 ..... | Iron/nonalloy steel, width less th/600mm, hot-rolled flat-rolled universal mill plate, not clad/plated/coated                                |
| 72111400 ..... | Iron/nonalloy steel, width less th/600mm, hot-rolled flat-rolled products, nesoi, w/thick of 4.75mm or more, not clad/plated/coated          |
| 72111920 ..... | Iron/nonalloy steel, nesoi, width less th/300mm, hot-rolled flat-rolled products, w/thick o/1.25 mm but n/o 4.75 mm, n/clad/plated/coated    |
| 72111930 ..... | Iron/nonalloy steel, nesoi, width less th/300mm, hot-rolled flat-rolled products, w/thick 1.25mm or less, not clad/plated/coated             |
| 72111975 ..... | Iron/nonalloy steel, nesoi, width 300mm+ but less th/600mm, hot-rolled flat-rolled products, not pickled, not clad/plated/coated             |
| 72112315 ..... | Nonalloy hi-strength steel, width less th/300mm, cold-rolled flat-rolled, <0.25% carbon, w/thick o/1.25mm, not clad/plated/coated            |
| 72112330 ..... | Iron/nonalloy steel, nesoi, width less th/300mm, cold-rolled flat-rolled, <0.25% carbon, w/thick o/0.25mm n/o 1.25mm, not clad/plated        |
| 72112360 ..... | Iron/nonalloy steel, nesoi, width 300mm+ but less th/600mm, cold-rolled flat-rolled, <0.25% carbon, not clad/plated/coated                   |
| 72112920 ..... | Iron/nonalloy steel, width less th/300mm, cold-rolled flat-rolled, w/0.25% or more carbon,w/thick o/0.25mm, not clad/plated/coated           |

| HTS subheading | Product Description                                                                                                                        |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| 72112960 ..... | Iron/nonalloy steel, width 300mm+ but less th/600mm, cold-rolled flat-rolled, w/0.25% or more carbon, not clad/plated/coated               |
| 72119000 ..... | Iron/nonalloy steel, width less th/600mm, flat-rolled further worked than cold-rolled, not clad, plated or coated                          |
| 72121000 ..... | Iron/nonalloy steel, width less th/600mm, flat-rolled products, plated or coated with tin                                                  |
| 72122000 ..... | Iron/nonalloy steel, width less th/600mm, flat-rolled products, electrolytically plated or coated with zinc                                |
| 72123010 ..... | Iron/nonalloy steel, width less th/300mm, flat-rolled products, plated/coated with zinc (other than electrolytically), w/thick o/0.25mm    |
| 72123050 ..... | Iron/nonalloy steel, width 300+ but less th/600mm, flat-rolled products, plated or coated with zinc (other than electrolytically)          |
| 72124010 ..... | Iron/nonalloy steel, width less th/300mm, flat-rolled products, painted, varnished or coated w/plastic                                     |
| 72125000 ..... | Iron/nonalloy steel, width less th/600mm, flat-rolled products, plated or coated nesoi                                                     |
| 72126000 ..... | Iron/nonalloy steel, width less th/600mm, flat-rolled products, clad                                                                       |
| 72131000 ..... | Iron/nonalloy, concrete reinforcing bars and rods in irregularly wound coils, hot-rolled                                                   |
| 72139130 ..... | Iron/nonalloy steel, nesoi, hot-rolled bars & rods in irregularly wound coils, w/cir. x-sect. diam. <14mm, n/tempered/treated/partly mfd   |
| 72139145 ..... | Iron/nonalloy steel, nesoi, hot-rolled bars & rods in irregularly wound coils, w/cir. x-sect. diam. <14mm, w/0.6%+ of carbon, nesoi        |
| 72139900 ..... | Iron/nonalloy steel, nesoi, hot-rolled bars & rods, w/cir. x-sect. diam 14+mm or non-circ. x-sect., in irregularly wound coils, nesoi      |
| 72141000 ..... | Iron/nonalloy steel, forged bars and rods, not in coils                                                                                    |
| 72142000 ..... | Iron/nonalloy steel, concrete reinforcing bars and rods, not further worked than hot-rolled, hot-drawn or hot-extruded, n/coils            |
| 72143000 ..... | Free-cutting steel, bars and rods, not further worked than hot-rolled, hot-drawn or hot-extruded, n/coils, nesoi                           |
| 72149100 ..... | Iron/nonalloy steel, bars and rods, not further worked than hot-rolled, hot-drawn or hot-extruded, w/rectangular (o/than square) X-section |
| 72151000 ..... | Free-cutting steel, bars and rods, not further worked than cold-formed or cold-finished, not in coils                                      |
| 72155000 ..... | Iron/nonalloy steel nesoi, bars and rods, not further wkd. than cold-formed or cold-finished, not in coils                                 |
| 72161000 ..... | Iron/nonalloy steel, U,I or H-sections, not further worked than hot-rolled, hot-drawn or extruded, w/height under 80 mm                    |
| 72163100 ..... | Iron/nonalloy steel, U-sections, not further worked than hot-rolled, hot-drawn or extruded, w/height of 80 mm or more                      |
| 72163200 ..... | Iron/nonalloy steel, I-sections (standard beams), not further worked than hot-rolled, hot-drawn or extruded, w/height 80 mm or more        |
| 72163300 ..... | Iron/nonalloy steel, H-sections, not further worked than hot-rolled, hot-drawn or extruded, w/height 80 mm or more                         |
| 72171070 ..... | Iron/nonalloy steel, flat wire, w/0.25% or more carbon, not plated or coated                                                               |
| 72181000 ..... | Stainless steel, ingots and other primary forms                                                                                            |
| 72189100 ..... | Stainless steel, semifinished products of rectangular (other than square) cross-section                                                    |

| HTS subheading | Product Description                                                                                                                       |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| 72189900 ..... | Stainless steel, semifinished products, other than of rectangular (other than square) cross-section                                       |
| 72191100 ..... | Stainless steel, width 600mm+, hot-rolled flat-rolled products, in coils, w/thickness o/10 mm                                             |
| 72191300 ..... | Stainless steel, width 600mm+, hot-rolled flat-rolled products, in coils, w/thick. 3 mm or more but less than 4.75 mm                     |
| 72192100 ..... | Stainless steel, width 600mm+, hot-rolled flat-rolled products, not in coils, w/thickness o/10 mm                                         |
| 72192300 ..... | Stainless steel, width 600mm+, hot-rolled flat-rolled products, not in coils, w/thick. 3 mm or more but less than 4.75 mm                 |
| 72192400 ..... | Stainless steel, width 600mm+, hot-rolled flat-rolled products, not in coils, w/thickness less than 3 mm                                  |
| 72201100 ..... | Stainless steel, width less th/600mm, hot-rolled flat-rolled products, w/thickness of 4.75 mm or more                                     |
| 72201210 ..... | Stainless steel, width 300m+ but less th/600mm, hot-rolled flat-rolled products, w/thickness of less than 4.75 mm                         |
| 72202010 ..... | Stainless steel, width 300+ but less th/600mm, cold-rolled flat-rolled products                                                           |
| 72202060 ..... | Stainless steel, width less th/300mm, cold-rolled flat-rolled products, w/thickness o/1.25 mm                                             |
| 72202080 ..... | Stainless razor blade steel, width less th/300mm, cold-rolled flat-rolled, w/thickness n/o 0.25 mm                                        |
| 72202090 ..... | Stainless steel (o/than razor blade steel), width less th/300mm, cold-rolled flat-rolled products, w/thickness n/o 0.25 mm                |
| 72221100 ..... | Stainless steel, bars and rods, hot-rolled, hot-drawn or extruded, of circular cross-section                                              |
| 72221900 ..... | Stainless steel, bars and rods, hot-rolled, hot-drawn or extruded, other than of circular cross-section                                   |
| 72222000 ..... | Stainless steel, bars and rods, not further worked than cold-formed or cold-finished, nesoi                                               |
| 72224030 ..... | Stainless steel, angles, shapes & sections, hot-rolled, not drilled/punched or otherwise advanced                                         |
| 72230090 ..... | Stainless steel, wire (other than round or flat wire)                                                                                     |
| 72241000 ..... | Alloy (o/than stainless) steel, ingots and other primary forms                                                                            |
| 72249000 ..... | Alloy (o/than stainless) steel, semifinished products                                                                                     |
| 72251900 ..... | Alloy silicon electrical steel (other than grain-oriented), width 600mm+, flat-rolled products                                            |
| 72253011 ..... | Alloy tool steel, width 600mm+, hot-rolled flat-rolled products, in coils, w/thick. of 4.75 mm or more                                    |
| 72253051 ..... | Alloy tool steel, width 600mm+, hot-rolled flat-rolled products, in coils, w/thick. of less than 4.75 mm                                  |
| 72254070 ..... | Alloy (o/th stainless, silicon elect., hi-speed, or tool) steel, width 600mm+, hot-rolled flat-rolled prod., n/coils, w/thick less 4.75mm |
| 72255070 ..... | Alloy heat-resisting steel, width 600mm+, cold-rolled flat-rolled products, w/thickness less than 4.75 mm                                 |
| 72255080 ..... | Alloy steel (o/th heat-resisting), width 600mm+, cold-rolled flat-rolled products, w/thickness less than 4.75 mm                          |

| HTS subheading | Product Description                                                                                                                   |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------|
| 72259100 ..... | Alloy steel, width 600mm+, flat-rolled products further worked than cold-rolled, electrolytically plated or coated with zinc          |
| 72259200 ..... | Alloy steel, width 600mm+, flat-rolled products further worked than cold-rolled, plated or coated with zinc (o/than electrolytically) |
| 72259900 ..... | Alloy steel, width 600mm+, flat-rolled products further worked than cold-rolled, nesoi                                                |
| 72261110 ..... | Alloy silicon electrical steel (grain-oriented), width 300mm+ but less th/600mm, flat-rolled products                                 |
| 72261190 ..... | Alloy silicon electrical steel (grain-oriented), width less th/300mm, flat-rolled products                                            |
| 72261910 ..... | Alloy silicon electrical steel (o/than grain-oriented), width 300mm+ but less th/600mm, flat-rolled products                          |
| 72261990 ..... | Alloy silicon electrical steel (o/than grain-oriented), width less th/300mm, flat-rolled products                                     |
| 72269115 ..... | Alloy tool steel (o/than hi-speed/chipper knife), width 300mm+ but less th/600mm, hot-rolled flat-rolled products                     |
| 72269150 ..... | Alloy steel (o/than silicon elect./tool), width less th/600mm, hot-rolled flat-rolled products, w/thickness of 4.75 mm or more        |
| 72269210 ..... | Alloy tool steel (o/than hi-speed), width 300mm+ but less th/600mm, cold-rolled flat-rolled products                                  |
| 72269230 ..... | Alloy tool steel (o/than hi-speed), width less th/300mm, cold-rolled flat-rolled products                                             |
| 72269270 ..... | Alloy steel (o/than tool), width less th/300mm, cold-rolled flat-rolled products, w/thickness n/o 0.25 mm                             |
| 72269280 ..... | Alloy steel (o/than tool), width less th/300mm, cold-rolled flat-rolled products, w/thickness o/0.25 mm                               |
| 72269901 ..... | Alloy steel, width less than 600mm, flat-rolled products further worked than cold-rolled, nesoi                                       |
| 72272000 ..... | Alloy silico-manganese steel, bars and rods in irregularly wound coils, hot-rolled                                                    |
| 72279010 ..... | Alloy tool steel (o/than hi-speed), bars & rods in irregular wound coils, hot-rolled, n/tempered, treated or partly manufactured      |
| 72279020 ..... | Alloy tool steel (o/than hi-speed), bars and rods in irregularly wound coils, hot-rolled, nesoi                                       |
| 72282010 ..... | Alloy silico-manganese steel, bars and rods, not cold-formed, o/than hot-rolled and in irregularly wound coils                        |
| 72285050 ..... | Alloy steel (o/than tool), bars and rods, not further worked than cold-formed or cold-finished                                        |
| 72286010 ..... | Alloy tool steel (o/than hi-speed), bars and rods, further worked than hot-rolled, forged, cold-formed or cold-finished               |
| 72286060 ..... | Alloy steel (o/than tool), bars and rods, further worked than hot-rolled, forged but not cold-formed                                  |
| 72286080 ..... | Alloy steel (o/than tool), bars and rods, cold-formed                                                                                 |
| 72299010 ..... | Alloy steel (o/than hi-speed/silico-mang.), flat wire                                                                                 |
| 73021050 ..... | Alloy steel, rails for railway or tramway tracks                                                                                      |
| 73041950 ..... | Alloy (other than stainless) steel, seamless line pipe used for oil or gas pipelines                                                  |
| 73042430 ..... | Stainless steel, seamless casing pipe, threaded or coupled, of a kind used in drilling for oil or gas                                 |

| HTS subheading | Product Description                                                                                                                          |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| 73042440 ..... | Stainless steel, seamless casing pipe, not threaded or coupled, of a kind used in drilling for oil or gas                                    |
| 73042910 ..... | Iron (o/than cast) or nonalloy steel, seamless casing pipe, threaded or coupled, of a kind used in drilling for oil or gas                   |
| 73042920 ..... | Iron (o/than cast) or nonalloy steel, seamless casing pipe, not threaded or coupled, of a kind used in drilling for oil or gas               |
| 73042931 ..... | Alloy (other than stainless) steel, seamless casing pipe, threaded or coupled, of a kind used in drilling for oil or gas                     |
| 73042941 ..... | Alloy (other than stainless) steel, seamless casing pipe, not threaded or coupled, of a kind used in drilling for oil or gas                 |
| 73042950 ..... | Iron (o/than cast) or nonalloy, seamless tubing, of a kind used in drilling for oil or gas                                                   |
| 73042961 ..... | Alloy (other than stainless) steel, seamless tubing, of a kind used in drilling for oil or gas                                               |
| 73045960 ..... | Heat-resisting alloy steel (o/than stainless), seamless, n/cold-drawn/cold-rolled, tubes, pipes, etc., w/circ. cross sect., nesoi            |
| 73051150 ..... | Alloy steel, seamed, circ. w/cross sect. & ext. diam o/406.4mm, line pipe, long. submerg. arc weld., used for oil/gas pipelines              |
| 73051210 ..... | Iron or nonalloy steel, seamed, w/circ. cross sect. & ext. diam o/406.4mm, line pipe, long. welded nesoi, used for oil/gas                   |
| 73051250 ..... | Alloy steel, seamed, w/circ. cross sect. & ext. diam o/406.4mm, line pipe, long. welded nesoi, used for oil/gas pipelines                    |
| 73051910 ..... | Iron or nonalloy steel, seamed, w/circ. cross sect. & ext. diam o/406.4mm, line pipe, not long. welded, used for oil/gas                     |
| 73051950 ..... | Alloy steel, seamed, w/circ. cross sect. & ext. diam o/406.4mm, line pipe, not long. welded, used for oil/gas pipelines                      |
| 73052020 ..... | Iron or nonalloy steel, seamed, w/circ. cross sect. & ext. diam. o/406.4mm, casing pipe, threaded/coupled, of kind for drilling for oil/gas  |
| 73052040 ..... | Iron or nonalloy steel, seamed, w/circ. cross sect. & ext. diam. o/406.4mm, casing pipe, n/threaded/coupled, of kind for drill. for oil/gas  |
| 73052080 ..... | Alloy steel, seamed, w/circ. cross sect. & ext. diam. o/406.4mm, casing pipe, n/threaded/coupled, of kind for drilling for oil/gas           |
| 73053120 ..... | Steel, long. welded, w/circ. cross sect & ext. diam o/406.4mm, tapered pipes and tubes principally used as pts of illuminating arts.         |
| 73053160 ..... | Alloy steel, long. welded, w/circ. cross sect. & ext. diam. o/406.4mm, tubes and pipes, o/than used in oil/gas drill. or pipelines           |
| 73059010 ..... | Iron or nonalloy steel, seamed, w/circ. cross sect. & ext. diam. o/406.4mm, not welded, tubes and pipes, o/th used in oil/gas drill.etc      |
| 73059050 ..... | Alloy steel, seamed, w/circ. cross sect. & ext. diam. o/406.4mm, not welded, tubes and pipes, o/than used in oil/gas drill. or pipelines     |
| 73061100 ..... | Welded stainless steel, w/ext. diam 406.4mm or less or o/than circ. x-sect, line pipe of a kind used for oil and gas pipelines               |
| 73061910 ..... | Iron or nonalloy steel, seamed, w/ext. diam. 406.4mm or less or o/than circ. x-sect, line pipe of a kind used for oil and gas pipelines      |
| 73061951 ..... | Alloy steel, seamed (o/than welded stainless steel), w/ext. diam 406.4mm or less or o/than circ. x-sect, line pipe of a kind used for oil an |

| HTS subheading | Product Description                                                                                                                         |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| 73062910 ..... | Iron or nonalloy steel, seamed, w/ext. diam 406.4mm or less or o/than circ. x-sect, threaded/coupled, casing of kind used in drill. oil/gas |
| 73062920 ..... | Iron or nonalloy steel, seamed, w/ext. diam 406.4mm or less or o/than circ. x-sect, n/threaded/coupled, casing kind used drill for oil/gas  |
| 73062941 ..... | Alloy steel, seamed (o/than welded stainless steel), w/ext. diam 406.4mm or less or o/than circ. x-sect, n/threaded/coupled, casing of kind |
| 73062960 ..... | Iron or nonalloy steel, seamed, w/ext. diam. 406.4mm or less or o/than circ. x-sect, tubing of a kind used for drilling for oil/gas         |
| 73063010 ..... | Iron or nonalloy steel, welded, w/circ. x-sect & ext. diam. 406.4mm or less, tubes, pipes, hollow profiles, w/wall thick. less than 1.65 mm |
| 73063030 ..... | Nonalloy steel, welded, w/circ. x-sect & ext. diam. 406.4mm or less, tapered pipes & tubes, w/wall thick. of 1.65 mm+, pts. of illum. arts. |
| 73064050 ..... | Stainless steel, welded, w/circ. x-sect & ext. diam. 406.4mm or less, tubes, pipes, hollow profiles, w/wall thick. of 1.65 mm or more       |
| 73065010 ..... | Alloy steel (o/stainless), welded, w/circ. x-sect & ext. diam. 406.4mm or less, tubes, pipes, hollow prof., w/wall thick. less th/1.65 mm   |
| 73066110 ..... | Iron or nonalloy steel, welded, w/square or rectangular x-sect, tubes, pipes and hollow profiles, w/wall thickness of 4 mm or more          |
| 73066130 ..... | Alloy steel, welded, w/square or rectangular x-sect, tubes, pipes and hollow profiles, w/wall thickness of 4 mm or more                     |
| 73066150 ..... | Iron or nonalloy steel, welded, w/square or rectangular x-sect, tubes, pipes and hollow profiles, w/wall thickness less than 4 mm           |
| 73066910 ..... | Iron or nonalloy steel, welded, w/other non-circ. x-sect, tubes, pipes and hollow profiles, w/wall thickness of 4 mm or more                |
| 73066930 ..... | Alloy steel, welded, w/other non-circ. x-sect, tubes, pipes and hollow profiles, w/wall thickness of 4 mm or more                           |
| 73066950 ..... | Iron or nonalloy steel, welded, w/other non-circ. x-sect, tubes, pipes and hollow profiles, w/wall thickness less than 4 mm                 |
| 73066970 ..... | Alloy steel, welded, w/other non-circ. x-sect, tubes, pipes and hollow profiles, w/wall thickness less than 4 mm                            |
| 73181600 ..... | Iron or steel, nuts                                                                                                                         |
| 73202010 ..... | Iron or steel, helical springs, suitable for motor-vehicle suspension                                                                       |
| 73202050 ..... | Iron or steel, helical springs (o/than suitable for motor-vehicle suspension)                                                               |
| 76011030 ..... | Aluminum (o/than alloy), unwrought, in coils, w/uniform x-section throughout length & w/least cross-sectional dimension n/o 9.5 mm          |
| 76011060 ..... | Aluminum (o/than alloy), unwrought nesoi                                                                                                    |
| 76012060 ..... | Aluminum alloys, w/25% or more by weight of silicon, unwrought nesoi                                                                        |
| 76012090 ..... | Aluminum alloys nesoi, unwrought nesoi                                                                                                      |
| 76041010 ..... | Aluminum (o/than alloy), profiles                                                                                                           |
| 76041030 ..... | Aluminum (o/than alloy), bar and rods, with a round cross section                                                                           |
| 76041050 ..... | Aluminum (o/than alloy), bar and rods, other than with a round cross section                                                                |
| 76042100 ..... | Aluminum alloy, hollow profiles                                                                                                             |
| 76042910 ..... | Aluminum alloy, profiles (o/than hollow profiles)                                                                                           |
| 76042930 ..... | Aluminum alloy, bars and rods, having a round cross section                                                                                 |
| 76042950 ..... | Aluminum alloy, bars and rods, other than with a round cross section                                                                        |

| HTS subheading | Product Description                                                                                                                      |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------|
| 76051100 ..... | Aluminum (o/than alloy), wire, with a maximum cross-sectional dimension over 7 mm                                                        |
| 76051900 ..... | Aluminum (o/than alloy), wire, with a maximum cross-sectional dimension of 7 mm or less                                                  |
| 76052100 ..... | Aluminum alloy, wire, with a maximum cross-sectional dimension over 7 mm                                                                 |
| 76052900 ..... | Aluminum alloy, wire, with a maximum cross-sectional dimension of 7 mm or less                                                           |
| 76061160 ..... | Aluminum (o/than alloy), plates/sheets/strip, w/thick. o/0.2mm, rectangular (incl. sq), clad                                             |
| 76061230 ..... | Aluminum alloy, plates/sheets/strip, w/thick. o/0.2mm, rectangular (incl. sq), not clad                                                  |
| 76061260 ..... | Aluminum alloy, plates/sheets/strip, w/thick. o/0.2mm, rectangular (incl. sq), clad                                                      |
| 76069130 ..... | Aluminum (o/than alloy), plates/sheets/strip, w/thick. o/0.2mm, o/than rectangular (incl. sq), not clad                                  |
| 76069160 ..... | Aluminum (o/than alloy), plates/sheets/strip, w/thick. o/0.2mm, o/than rectangular (incl. sq), clad                                      |
| 76069230 ..... | Aluminum alloy, plates/sheets/strip, w/thick. o/0.2mm, o/than rectangular (incl. sq), not clad                                           |
| 76069260 ..... | Aluminum alloy, plates/sheets/strip, w/thick. o/0.2mm, o/than rectangular (incl. sq), clad                                               |
| 76071910 ..... | Aluminum, etched capacitor foil, w/thickness n/o 0.2 mm, not rolled or rolled and further worked, not backed                             |
| 76071960 ..... | Aluminum, foil nesoi, w/thickness o/0.15mm but n/o 0.2 mm or 0.15mm or less & not cut to shape, not rolled, not backed, nesoi            |
| 76072010 ..... | Aluminum, foil, w/thickness n/o 0.2 mm, backed, covered or decorated with a character, design, fancy effect or pattern                   |
| 76082000 ..... | Aluminum alloy, tubes and pipes                                                                                                          |
| 76090000 ..... | Aluminum, fittings for tubes and pipes                                                                                                   |
| 83021030 ..... | Iron or steel, aluminum, or zinc hinges and base metal parts thereof, designed for motor vehicles                                        |
| 84011000 ..... | Nuclear reactors                                                                                                                         |
| 84012000 ..... | Machinery and apparatus for isotopic separation, and parts thereof                                                                       |
| 84013000 ..... | Fuel elements (cartridges), non-irradiated and parts thereof                                                                             |
| 84014000 ..... | Parts of nuclear reactors                                                                                                                |
| 84021100 ..... | Watertube boilers with a steam production exceeding 45 tons per hour                                                                     |
| 84021200 ..... | Watertube boilers with a steam production not exceeding 45 tons per hour                                                                 |
| 84021900 ..... | Vapor-generating boilers, including hybrid boilers, other than watertube boilers                                                         |
| 84022000 ..... | Super-heated water boilers                                                                                                               |
| 84029000 ..... | Parts of steam- or other vapor-generating boilers                                                                                        |
| 84031000 ..... | Central heating boilers (other than those of heading 8402)                                                                               |
| 84039000 ..... | Parts of central heating boilers (other than those of heading 8402)                                                                      |
| 84042000 ..... | Condensers for steam or other vapor power units                                                                                          |
| 84049000 ..... | Parts for auxiliary plant for use with boilers of heading 8402 and 8403 and condensers for steam or vapor power units                    |
| 84051000 ..... | Producer gas or water gas generators, acetylene gas generators and similar water process gas generators; with or without their purifiers |
| 84059000 ..... | Parts for gas generators of subheading 8405.10                                                                                           |



| HTS subheading | Product Description                                                                                                                    |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------|
| 84061010 ..... | Steam turbines for marine propulsion                                                                                                   |
| 84061090 ..... | Vapor turbines (other than steam) for marine propulsion                                                                                |
| 84068190 ..... | Vapor turbines (excluding steam turbines) other than for marine propulsion, of an output exceeding 40 MW                               |
| 84068290 ..... | Vapor turbines (excluding steam turbines) other than for marine propulsion, of an output not exceeding 40 MW                           |
| 84071000 ..... | Spark-ignition reciprocating or rotary internal combustion piston engines for use in aircraft                                          |
| 84072100 ..... | Marine propulsion spark-ignition reciprocating or rotary internal-combustion piston engines for outboard motors                        |
| 84072900 ..... | Marine propulsion spark-ignition reciprocating or rotary internal-combustion piston engines, nesi                                      |
| 84081000 ..... | Marine propulsion compression-ignition internal-combustion piston engines                                                              |
| 84089010 ..... | Compression-ignition internal-combustion piston engines, to be installed in agricultural or horticultural machinery or equipment, nesi |
| 84089090 ..... | Compression-ignition internal-combustion piston engines, for machinery or equipment, nesi                                              |
| 84091000 ..... | Parts for internal combustion aircraft engines                                                                                         |
| 84101100 ..... | Hydraulic turbines and water wheels of a power not exceeding 1,000 kW                                                                  |
| 84101200 ..... | Hydraulic turbines and water wheels of a power exceeding 1,000 kW but not exceeding 10,000 kW                                          |
| 84101300 ..... | Hydraulic turbines and water wheels of a power exceeding 10,000 kW                                                                     |
| 84109000 ..... | Parts, including regulators, of hydraulic turbines and water wheels                                                                    |
| 84111140 ..... | Aircraft turbojets of a thrust not exceeding 25 kN                                                                                     |
| 84111180 ..... | Turbojets of a thrust not exceeding 25 kN, other than aircraft                                                                         |
| 84111240 ..... | Aircraft turbojets of a thrust exceeding 25 kN                                                                                         |
| 84111280 ..... | Turbojets of a thrust exceeding 25 kN, other than aircraft                                                                             |
| 84112140 ..... | Aircraft turbopropellers of a power not exceeding 1,100 kW                                                                             |
| 84112180 ..... | Turbopropellers of a power not exceeding 1,100 kW, other than aircraft                                                                 |
| 84112240 ..... | Aircraft turbopropellers of a power exceeding 1,100 kW                                                                                 |
| 84112280 ..... | Turbopropellers of a power exceeding 1,100 kW, other than aircraft                                                                     |
| 84118140 ..... | Aircraft gas turbines other than turbojets or turbopropellers, of a power not exceeding 5,000 kW                                       |
| 84118180 ..... | Gas turbines other than turbojets or turbopropellers, of a power not exceeding 5,000 kW, other than aircraft                           |
| 84118240 ..... | Aircraft gas turbines other than turbojets or turbopropellers, of a power exceeding 5,000 kW                                           |
| 84118280 ..... | Gas turbines, other than turbojets or turbopropellers of a power exceeding 5,000 kW, other than aircraft                               |
| 84119110 ..... | Cast-iron parts of turbojets or turbopropellers machined only for removal of fins, gates, etc. or to permit location in machinery      |
| 84119190 ..... | Parts of turbojets or turbopropellers other than those of subheading 8411.91.10                                                        |
| 84119910 ..... | Cast-iron parts of gas turbines nesi, not advanced beyond cleaning, and machined for removal of fins, gates, sprues and risers         |
| 84119990 ..... | Parts of gas turbines nesi, other than those of subheading 8411.99.10                                                                  |

| HTS subheading | Product Description                                                                                                            |
|----------------|--------------------------------------------------------------------------------------------------------------------------------|
| 84121000 ..... | Reaction engines other than turbojets                                                                                          |
| 84122100 ..... | Hydraulic power engines and motors, linear acting (cylinders)                                                                  |
| 84122940 ..... | Hydrojet engines for marine propulsion                                                                                         |
| 84122980 ..... | Hydraulic power engines and motors, nesi                                                                                       |
| 84123100 ..... | Pneumatic power engines and motors, linear acting (cylinders)                                                                  |
| 84123900 ..... | Pneumatic power engines and motors, other than linear acting                                                                   |
| 84128010 ..... | Spring-operated and weight-operated motors                                                                                     |
| 84128090 ..... | Engines and motors, nesi (excluding motors of heading 8501)                                                                    |
| 84129010 ..... | Parts of hydrojet engines for marine propulsion                                                                                |
| 84131900 ..... | Pumps for liquids fitted or designed to be fitted with a measuring device, nesi                                                |
| 84134000 ..... | Concrete pumps for liquids, not fitted with a measuring device                                                                 |
| 84135000 ..... | Reciprocating positive displacement pumps for liquids, not fitted with a measuring device, nesi                                |
| 84136000 ..... | Rotary positive displacement pumps for liquids, not fitted with a measuring device, nesi                                       |
| 84137010 ..... | Stock pumps imported for use with machines for making cellulosic pulp, paper or paperboard, not fitted with a measuring device |
| 84137020 ..... | Centrifugal pumps for liquids, not fitted with a measuring device, nesi                                                        |
| 84138100 ..... | Pumps for liquids, not fitted with a measuring device, nesi                                                                    |
| 84138200 ..... | Liquid elevators                                                                                                               |
| 84139110 ..... | Parts of fuel-injection pumps for compression-ignition engines                                                                 |
| 84139120 ..... | Parts of stock pumps imported for use with machines for making cellulosic pulp, paper or paperboard                            |
| 84139190 ..... | Parts of pumps, nesi                                                                                                           |
| 84143040 ..... | Compressors of a kind used in refrigerating equipment (including air conditioning) not exceeding 1/4 horsepower                |
| 84143080 ..... | Compressors of a kind used in refrigerating equipment (incl. air conditioning) exceeding 1/4 horsepower                        |
| 84145930 ..... | Turbocharger and supercharger fans                                                                                             |
| 84148005 ..... | Turbocharger and supercharger air compressors                                                                                  |
| 84148020 ..... | Gas compressors, nesi                                                                                                          |
| 84149030 ..... | Stators and rotors of goods of subheading 8414.30                                                                              |
| 84149041 ..... | Parts of air or gas compressors, nesoi                                                                                         |
| 84149090 ..... | Parts of air or vacuum pumps and ventilating or recycling hoods                                                                |
| 84159040 ..... | Chassis, chassis bases and other outer cabinets for air conditioning machines,                                                 |
| 84159080 ..... | Parts for air conditioning machines, nesi                                                                                      |
| 84161000 ..... | Furnace burners for liquid fuel                                                                                                |
| 84162000 ..... | Furnace burners for pulverized solid fuel or for gas, including combination burners                                            |
| 84169000 ..... | Parts for furnace burners, mechanical stokers, mechanical grates, mechanical ash dischargers and similar appliances            |
| 84171000 ..... | Furnaces and ovens for the roasting, melting or other heat treatment of ores, pyrites or of metals                             |
| 84172000 ..... | Bakery ovens, including biscuit ovens                                                                                          |

| HTS subheading | Product Description                                                                                                                         |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| 84178000 ..... | Industrial or laboratory furnaces and ovens nesi, including incinerators, nonelectric                                                       |
| 84179000 ..... | Parts for industrial or laboratory furnaces and ovens, including incinerators, nonelectric                                                  |
| 84186901 ..... | Refrigerating or freezing equipment nesi                                                                                                    |
| 84191100 ..... | Instantaneous gas water heaters, nonelectric                                                                                                |
| 84191900 ..... | Storage water heaters, nonelectric                                                                                                          |
| 84192000 ..... | Medical, surgical or laboratory sterilizers                                                                                                 |
| 84193100 ..... | Dryers for agricultural products, not used for domestic purposes                                                                            |
| 84193210 ..... | Dryers for wood                                                                                                                             |
| 84193250 ..... | Dryers for paper pulp, paper or paperboard                                                                                                  |
| 84193901 ..... | Dryers, other than of a kind for domestic purposes, nesoi                                                                                   |
| 84194000 ..... | Distilling or rectifying plant, not used for domestic purposes                                                                              |
| 84195010 ..... | Brazed aluminum plate-fin heat exchangers                                                                                                   |
| 84195050 ..... | Heat exchange units, nesoi                                                                                                                  |
| 84196050 ..... | Machinery for liquefying air or gas, nesoi                                                                                                  |
| 84198150 ..... | Cooking stoves, ranges & ovens, other than microwave, for making hot drinks or for cooking or heating food, not used for domestic purposes  |
| 84198190 ..... | Machinery and equipment nesi, for making hot drinks or for cooking or heating food, not used for domestic purposes                          |
| 84198960 ..... | Industrial machinery, plant or equip. for the treat. of mat., involving a change in temp., for molten-salt-cooled acrylic acid reactors     |
| 84199010 ..... | Parts of instantaneous or storage water heaters                                                                                             |
| 84199020 ..... | Parts of machinery and plant, for making paper pulp, paper or paperboard                                                                    |
| 84199030 ..... | Parts of heat exchange units                                                                                                                |
| 84199050 ..... | Parts of molten-salt-cooled acrylic acid reactors, nesi; parts of certain medical, surgical or laboratory sterilizers, nesi                 |
| 84199085 ..... | Parts of electromechanical tools for work in the hand, w/self-contained electric motor, for treatment of materials by change in temperature |
| 84199095 ..... | Parts of machinery, plant or laboratory equipment for the treatment of materials by a process involving a change of temperature, nesoi      |
| 84201010 ..... | Textile calendering or rolling machines                                                                                                     |
| 84201090 ..... | Calendering or other rolling machines, other than for metals or glass, nesi                                                                 |
| 84209110 ..... | Cylinders for textile calendering or rolling machines                                                                                       |
| 84209120 ..... | Cylinders for paper pulp, paper or paperboard calendering or rolling machines                                                               |
| 84209190 ..... | Cylinders for calendering and similar rolling machines, nesi                                                                                |
| 84209920 ..... | Parts of calendering or rolling machines for making paper pulp, paper or paperboard                                                         |
| 84209990 ..... | Parts of calendering or other rolling machines, other than for metals or glass, nesi                                                        |
| 84211200 ..... | Centrifugal clothes dryers                                                                                                                  |
| 84211900 ..... | Centrifuges, other than cream separators or clothes dryers                                                                                  |
| 84212100 ..... | Machinery and apparatus for filtering or purifying water                                                                                    |
| 84212200 ..... | Machinery and apparatus for filtering or purifying beverages other than water                                                               |
| 84212900 ..... | Filtering or purifying machinery and apparatus for liquids, nesi                                                                            |
| 84213940 ..... | Catalytic converters                                                                                                                        |

| HTS subheading | Product Description                                                                                                                          |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| 84213980 ..... | Filtering or purifying machinery and apparatus for gases, other than intake air filters for internal combustion engines or catalytic conv.   |
| 84219120 ..... | Drying chambers for the clothes-dryers of subheading 8421.12 and other parts of clothes-dryers incorporating drying chambers                 |
| 84219140 ..... | Furniture designed to receive the clothes-dryers of subheading 8421.12                                                                       |
| 84219160 ..... | Parts of centrifuges, including centrifugal dryers, nesi                                                                                     |
| 84219900 ..... | Parts for filtering or purifying machinery or apparatus for liquids or gases                                                                 |
| 84221100 ..... | Dishwashing machines of the household type                                                                                                   |
| 84221900 ..... | Dishwashing machines other than of the household type                                                                                        |
| 84222000 ..... | Machinery for cleaning or drying bottles or other containers                                                                                 |
| 84223011 ..... | Can-sealing machines                                                                                                                         |
| 84223091 ..... | Machinery for filling,closing,sealing, capsuling or labeling bottles,cans, boxes or other containers;machinery for aerating beverages; nesoi |
| 84224011 ..... | Machinery for packing or wrapping pipe tobacco, candy and cigarette packages; combination candy cutting and wrapping machines                |
| 84224091 ..... | Packing or wrapping machinery, nesoi                                                                                                         |
| 84229006 ..... | Parts of dishwashing machines, nesi                                                                                                          |
| 84229011 ..... | Parts of can-sealing machines                                                                                                                |
| 84229021 ..... | Parts of machines for packing tobacco, wrapping candy, cigarette packages and of combination candy cutting and wrapping machines             |
| 84229091 ..... | Parts of packing or wrapping machinery, nesoi                                                                                                |
| 84232010 ..... | Scales for continuous weighing of goods on conveyors using electronic means for gauging weights                                              |
| 84232090 ..... | Other scales for continuous weighing of goods on conveyors                                                                                   |
| 84233000 ..... | Constant weight scales and scales for discharging a predetermined weight of material into a bag or container, including hopper scales        |
| 84238200 ..... | Weighing machinery having a maximum weighing capacity exceeding 30 kg but not exceeding 5,000 kg                                             |
| 84238910 ..... | Weighing machinery with maximum capacity exceeding 5,000 kg, using electronic means for gauging                                              |
| 84238990 ..... | Weighing machinery with maximum capacity exceeding 5,000 kg, not using electronic means for gauging nesi                                     |
| 84239010 ..... | Parts of weighing machinery using electronic means for gauging, except parts for weighing motor vehicles                                     |
| 84239090 ..... | Other parts of weighing machinery, including weights                                                                                         |
| 84241000 ..... | Fire extinguishers, whether or not charged                                                                                                   |
| 84248910 ..... | Mechanical appliances for projecting, dispersing or spraying liquids or powders, nesoi                                                       |
| 84249005 ..... | Parts of fire extinguishers                                                                                                                  |
| 84249010 ..... | Parts of simple piston pump sprays and powder bellows                                                                                        |
| 84249020 ..... | Parts of sand blasting machines                                                                                                              |
| 84251100 ..... | Pulley tackle and hoists other than skip hoists or hoists used for raising vehicles, powered by electric motor                               |
| 84253901 ..... | Winches nesi, and capstans, not powered by electric motor                                                                                    |
| 84261100 ..... | Overhead traveling cranes on fixed support                                                                                                   |

| HTS subheading | Product Description                                                                                                             |
|----------------|---------------------------------------------------------------------------------------------------------------------------------|
| 84261200 ..... | Mobile lifting frames on tires and straddle carriers                                                                            |
| 84262000 ..... | Tower cranes                                                                                                                    |
| 84264100 ..... | Derricks, cranes and other lifting machinery nesi, self-propelled, on tires                                                     |
| 84264900 ..... | Derricks, cranes and other lifting machinery nesi, self-propelled, not on tires                                                 |
| 84269900 ..... | Derricks, cranes and other lifting machinery nesi                                                                               |
| 84271040 ..... | Self-propelled works trucks powered by an electric motor, rider type forklift trucks                                            |
| 84271080 ..... | Self-propelled works trucks powered by an electric motor, fitted with lifting and handling equipment, nesi                      |
| 84272040 ..... | Self-propelled works trucks not powered by an electric motor, rider type forklift trucks                                        |
| 84272080 ..... | Self-propelled works trucks not powered by an electric motor, fitted with lifting and handling equipment, nesi                  |
| 84281000 ..... | Passenger or freight elevators other than continuous action; skip hoists                                                        |
| 84282000 ..... | Pneumatic elevators and conveyors                                                                                               |
| 84283100 ..... | Continuous-action elevators and conveyors, for goods or materials, specially designed for underground use                       |
| 84283200 ..... | Bucket type continuous-action elevators and conveyors, for goods or materials                                                   |
| 84283300 ..... | Belt type continuous-action elevators and conveyors, for goods or materials                                                     |
| 84283900 ..... | Continuous-action elevators and conveyors, for goods or materials, nesi                                                         |
| 84286000 ..... | Teleferics, chair lifts, ski draglines; traction mechanisms for funiculars                                                      |
| 84289002 ..... | Machinery for lifting, handling, loading or unloading, nesi                                                                     |
| 84291100 ..... | Self-propelled bulldozers and angledozers, for track laying                                                                     |
| 84291900 ..... | Self-propelled bulldozers and angledozers other than track laying                                                               |
| 84292000 ..... | Self-propelled graders and levelers                                                                                             |
| 84293000 ..... | Self-propelled scrapers                                                                                                         |
| 84294000 ..... | Self-propelled tamping machines and road rollers                                                                                |
| 84295110 ..... | Self-propelled front-end shovel loaders, wheel-type                                                                             |
| 84295150 ..... | Self-propelled front-end shovel loaders, other than wheel-type                                                                  |
| 84295210 ..... | Self-propelled backhoes, shovels, clamshells and draglines with a 360 degree revolving superstructure                           |
| 84295250 ..... | Self-propelled machinery with a 360 degree revolving superstructure, other than backhoes, shovels, clamshells and draglines     |
| 84295910 ..... | Self-propelled backhoes, shovels, clamshells and draglines not with a 360 degree revolving superstructure                       |
| 84295950 ..... | Self-propelled machinery not with a 360 degree revolving superstructure, other than backhoes, shovels, clamshells and draglines |
| 84301000 ..... | Pile-drivers and pile-extractors                                                                                                |
| 84302000 ..... | Snowplows and snowblowers                                                                                                       |
| 84303100 ..... | Self-propelled coal or rock cutters and tunneling machinery                                                                     |
| 84303900 ..... | Coal or rock cutters and tunneling machinery, not self-propelled                                                                |
| 84304100 ..... | Self-propelled boring or sinking machinery                                                                                      |
| 84304980 ..... | Boring or sinking machinery, not self-propelled, nesi                                                                           |
| 84305050 ..... | Self-propelled machinery for working earth, minerals or ores, nesi                                                              |
| 84306100 ..... | Tamping or compacting machinery, not self-propelled                                                                             |

| HTS subheading | Product Description                                                                                                                      |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------|
| 84306901 ..... | Machinery for working earth, minerals or ores, not self-propelled, nesi                                                                  |
| 84311000 ..... | Parts suitable for use solely or principally with the machinery of heading 8425                                                          |
| 84312000 ..... | Parts suitable for use solely or principally with the machinery of heading 8427                                                          |
| 84313100 ..... | Parts suitable for use solely or principally with passenger or freight elevators other than continuous action, skip hoists or escalators |
| 84313900 ..... | Parts suitable for use solely or principally with the machinery of heading 8428, nesi                                                    |
| 84314100 ..... | Buckets, shovels, grabs and grips suitable for use solely or principally with the machinery of headings 8426, 8429, or 8430              |
| 84314200 ..... | Bulldozer or angledozer blades suitable for use solely or principally with the machinery of heading 8426, 8429 or 8430                   |
| 84314340 ..... | Parts for offshore oil & natural gas, drilling and production platforms                                                                  |
| 84314380 ..... | Parts for boring or sinking machinery of 8430.41 or 8430.49, nesi                                                                        |
| 84314910 ..... | Parts suitable for use solely or principally with the machinery of heading 8426, nesi                                                    |
| 84314990 ..... | Parts suitable for use solely or principally with the machinery of heading 8429 or 8430, nesi                                            |
| 84321000 ..... | Plows for soil preparation or cultivation                                                                                                |
| 84322100 ..... | Disc harrows for soil preparation or cultivation                                                                                         |
| 84328000 ..... | Agricultural, horticultural or forestry machinery for soil preparation or cultivation, nesi; lawn or sports ground rollers               |
| 84329000 ..... | Parts of agricultural, horticultural or forestry machinery for soil preparation or cultivation; parts of lawn or sports ground rollers   |
| 84332000 ..... | Mowers nesi, including cutter bars for tractor mounting                                                                                  |
| 84333000 ..... | Haymaking machinery other than mowers                                                                                                    |
| 84334000 ..... | Straw or fodder balers, including pick-up balers                                                                                         |
| 84335100 ..... | Combine harvester-threshers                                                                                                              |
| 84335200 ..... | Threshing machinery other than combine harvester-threshers                                                                               |
| 84335300 ..... | Root or tuber harvesting machines                                                                                                        |
| 84335900 ..... | Harvesting machinery or threshing machinery, nesi                                                                                        |
| 84336000 ..... | Machines for cleaning, sorting or grading eggs, fruit or other agricultural produce                                                      |
| 84339050 ..... | Parts for machinery of heading 8433, nesi                                                                                                |
| 84341000 ..... | Milking machines                                                                                                                         |
| 84342000 ..... | Dairy machinery other than milking machines                                                                                              |
| 84349000 ..... | Parts for milking machines and dairy machinery                                                                                           |
| 84351000 ..... | Presses, crushers and similar machinery used in the manufacture of wine, cider, fruit juices or similar beverages                        |
| 84359000 ..... | Parts of presses, crushers and similar machinery used in the manufacture of wine, cider, fruit juices or similar beverages               |
| 84361000 ..... | Machinery for preparing animal feeds                                                                                                     |
| 84362100 ..... | Poultry incubators and brooders                                                                                                          |
| 84362900 ..... | Poultry-keeping machinery                                                                                                                |
| 84368000 ..... | Agricultural, horticultural, forestry or bee-keeping machinery, nesi                                                                     |
| 84369100 ..... | Parts of poultry-keeping machinery or poultry incubators and brooders                                                                    |
| 84369900 ..... | Parts for agricultural, horticultural, forestry or bee-keeping machinery, nesi                                                           |

| HTS subheading | Product Description                                                                                                                       |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| 84371000 ..... | Machines for cleaning, sorting or grading seed, grain or dried leguminous vegetables                                                      |
| 84378000 ..... | Machinery used in the milling industry or for the working of cereals or dried leguminous vegetables, other than farm type machinery       |
| 84379000 ..... | Parts for machinery used in the milling industry or for cleaning, sorting, grading or working of cereals or dried leguminous vegetables   |
| 84381000 ..... | Bakery machinery and machinery for the manufacture of macaroni, spaghetti or similar products, nesi                                       |
| 84382000 ..... | Machinery for the manufacture of confectionery, cocoa or chocolate, nesi                                                                  |
| 84383000 ..... | Machinery for sugar manufacture, nesi                                                                                                     |
| 84384000 ..... | Brewery machinery, nesi                                                                                                                   |
| 84385000 ..... | Machinery for the preparation of meat or poultry, nesi                                                                                    |
| 84386000 ..... | Machinery for the preparation of fruits, nuts or vegetables, nesi                                                                         |
| 84388000 ..... | Machinery for the industrial preparation or manufacture of food or drink, nesi                                                            |
| 84389010 ..... | Parts of machinery for sugar manufacture, nesi                                                                                            |
| 84389090 ..... | Parts of machinery for the industrial preparation or manufacture of food or drink, other than sugar manufacturing, nesi                   |
| 84391000 ..... | Machinery for making pulp of fibrous cellulosic material                                                                                  |
| 84392000 ..... | Machinery for making paper or paperboard                                                                                                  |
| 84393000 ..... | Machinery for finishing paper or paperboard                                                                                               |
| 84399110 ..... | Bed plates, roll bars and other stock-treating parts of machinery for making pulp of fibrous cellulosic materials                         |
| 84399190 ..... | Parts of machinery for making pulp of fibrous cellulosic materials, nesi                                                                  |
| 84399910 ..... | Parts of machinery for making paper or paperboard                                                                                         |
| 84399950 ..... | Parts of machinery for finishing paper or paperboard                                                                                      |
| 84401000 ..... | Bookbinding machinery, including book-sewing machines                                                                                     |
| 84409000 ..... | Parts for bookbinding machinery, including book-sewing machines                                                                           |
| 84412000 ..... | Machines for making bags, sacks or envelopes of paper pulp, paper or paperboard                                                           |
| 84413000 ..... | Machines for making cartons, boxes, cases, tubes, drums or similar containers, other than by molding, of paper pulp, paper or paperboard  |
| 84414000 ..... | Machines for molding articles in paper pulp, paper or paperboard                                                                          |
| 84418000 ..... | Machinery for making up paper pulp, paper or paperboard, nesi                                                                             |
| 84419000 ..... | Parts for machinery used in making up paper pulp, paper or paperboard, including cutting machines                                         |
| 84423001 ..... | Machinery, apparatus and equipment of heading 8442                                                                                        |
| 84424000 ..... | Parts of the machinery, apparatus or equipment of subheadings 8442.10, 8442.20 and 8442.30                                                |
| 84425090 ..... | Printing type, blocks, cylinders and other printing components; blocks, cylinders and lithographic stones, prepared for printing purposes |
| 84431110 ..... | Reel-fed offset printing machinery, double-width newspaper printing presses                                                               |
| 84431150 ..... | Reel-fed offset printing machinery, other than double-width newspaper printing presses                                                    |
| 84431200 ..... | Sheet-fed offset printing machinery, office type (sheet size not exceeding 22 X 36 cm)                                                    |
| 84431300 ..... | Offset printing machinery, nesi                                                                                                           |
| 84431400 ..... | Letterpress printing machinery, excluding flexographic printing, reel-fed                                                                 |

| HTS subheading | Product Description                                                                                                                          |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| 84431700 ..... | Gravure printing machinery                                                                                                                   |
| 84431920 ..... | Textile printing machinery                                                                                                                   |
| 84431930 ..... | Printing machinery, nesoi                                                                                                                    |
| 84433250 ..... | Single function units other than printer units (machines which perform only one of the functions of printing, copying or facsimile transmiss |
| 84433910 ..... | Electrostatic photocopying apparatus, operating by reproducing the original image directly onto the copy (direct process)                    |
| 84433960 ..... | Copying machines, nesoi                                                                                                                      |
| 84439110 ..... | Machines for uses ancillary to printing                                                                                                      |
| 84439120 ..... | Parts of textile printing machinery                                                                                                          |
| 84439130 ..... | Parts for printing machinery other than textile printing machinery                                                                           |
| 84439920 ..... | Parts of printer units of subheading 8443.32.10 specified in additional U.S. note 2 to this chapter                                          |
| 84439925 ..... | Parts and accessories of printers, nesoi                                                                                                     |
| 84439945 ..... | Parts and accessories of copying machines; nesoi                                                                                             |
| 84439950 ..... | Parts and accessories of other printing, copying or facsimile machines; nesoi                                                                |
| 84440000 ..... | Machines for extruding, drawing, texturing or cutting man-made textile materials                                                             |
| 84451100 ..... | Carding machines for preparing textile fibers                                                                                                |
| 84451200 ..... | Combing machines for preparing textile fibers                                                                                                |
| 84451300 ..... | Drawing or roving machines for preparing textile fibers                                                                                      |
| 84451900 ..... | Machines for preparing textile fibers, nesi                                                                                                  |
| 84452000 ..... | Textile spinning machines                                                                                                                    |
| 84453000 ..... | Textile doubling or twisting machines                                                                                                        |
| 84454000 ..... | Textile winding (including weft-winding) or reeling machines                                                                                 |
| 84459000 ..... | Machinery for producing textile yarns nesi; machines for preparing textile yarns for use on machines of heading 8446 or 8447                 |
| 84461000 ..... | Weaving machines (looms) for weaving fabrics of a width not exceeding 30 cm                                                                  |
| 84462110 ..... | Shuttle type power looms for weaving fabrics of a width exceeding 4.9 m                                                                      |
| 84462150 ..... | Shuttle type power looms for weaving fabrics of a width exceeding 30 cm, but not exceeding 4.9 m                                             |
| 84462900 ..... | Weaving machines for weaving fabrics of a width exceeding 30 cm, shuttle type, nesi                                                          |
| 84463010 ..... | Shuttleless type power looms, for weaving fabrics of a width exceeding 4.9 m, nesi                                                           |
| 84471110 ..... | Circular knitting machines with cylinder diameter not exceeding 165 mm, for knitting hosiery                                                 |
| 84471190 ..... | Circular knitting machines with cylinder diameter not exceeding 165 mm, other than for knitting hosiery                                      |
| 84471210 ..... | Circular knitting machines with cylinder diameter exceeding 165 mm, for knitting hosiery                                                     |
| 84471290 ..... | Circular knitting machines with cylinder diameter exceeding 165 mm, other than for knitting hosiery                                          |
| 84472020 ..... | V-bed flat knitting machines, power driven, over 50.8 mm in width                                                                            |
| 84472030 ..... | V-bed flat knitting machines, nesi                                                                                                           |
| 84472040 ..... | Warp knitting machines                                                                                                                       |
| 84472060 ..... | Flat knitting machines, other than V-bed or warp; stitch-bonding machines                                                                    |



| HTS subheading | Product Description                                                                                                                      |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------|
| 84479010 ..... | Braiding and lace-braiding machines                                                                                                      |
| 84479050 ..... | Embroidery machines                                                                                                                      |
| 84479090 ..... | Knitting machines other than circular or flat knitting; machines for making gimped yarn, tulle, trimmings or net; machines for tufting   |
| 84481100 ..... | Dobbies and Jacquards, card reducing, copying, punching or assembling machines for use with machines of heading 8444, 8445, 8446 or 8447 |
| 84481900 ..... | Auxiliary machinery for machines of heading 8444, 8445, 8446 or 8447, nesi                                                               |
| 84482010 ..... | Parts and accessories of machines for extruding or drawing man-made textile filaments                                                    |
| 84482050 ..... | Parts and accessories of machines of heading 8444 or of their auxiliary machinery, nesi                                                  |
| 84483100 ..... | Card clothing as parts and accessories of machines of heading 8445 or of their auxiliary machinery                                       |
| 84483200 ..... | Parts and accessories of machines for preparing textile fibers, other than card clothing                                                 |
| 84483300 ..... | Spindles, spindle flyers, spinning rings and ring travellers of machines of heading 8445 or of their auxiliary machines                  |
| 84483910 ..... | Parts of spinning, doubling or twisting machines of heading 8445 or of their auxiliary machinery                                         |
| 84483950 ..... | Parts of winding or reeling machines of heading 8445 or of their auxiliary machinery                                                     |
| 84483990 ..... | Parts and accessories of machines of heading 8445 or their auxiliary machinery, nesi                                                     |
| 84484200 ..... | Reeds for looms, healds and heald-frames of weaving machines (looms) or their auxiliary machinery                                        |
| 84484910 ..... | Shuttles for weaving machines (looms)                                                                                                    |
| 84484920 ..... | Parts and accessories of weaving machines (looms) or of their auxiliary machinery, other than shuttles, reeds, healds and heald-frames   |
| 84485110 ..... | Latch needles for knitting machines                                                                                                      |
| 84485130 ..... | Needles for knitting machines other than latch needles or spring-beard needles                                                           |
| 84485150 ..... | Sinkers, needles and other articles used to form stitches, nesi, for machines of heading 8447                                            |
| 84485910 ..... | Parts of knitting machines of heading 8447 or of their auxiliary machinery, nesi                                                         |
| 84485950 ..... | Accessories of machines of heading 8447 or of their auxiliary machinery, nesi                                                            |
| 84490010 ..... | Finishing machinery for felt or nonwovens and parts thereof                                                                              |
| 84490050 ..... | Machinery for making felt hats; blocks for making hats; parts thereof                                                                    |
| 84522110 ..... | Sewing machines specially designed to join footwear soles to uppers, automatic                                                           |
| 84522910 ..... | Sewing machines, other than automatic, specially designed to join footwear soles to uppers                                               |
| 84523000 ..... | Sewing machine needles                                                                                                                   |
| 84529020 ..... | Parts of sewing machines, nesi                                                                                                           |
| 84531000 ..... | Machinery for preparing, tanning or working hides, skins or leather                                                                      |
| 84532000 ..... | Machinery for making or repairing footwear                                                                                               |
| 84538000 ..... | Machinery, nesi, for making or repairing articles of hides, skins or leather                                                             |
| 84539010 ..... | Parts of machinery for making or repairing footwear                                                                                      |
| 84539050 ..... | Parts of machinery for preparing, tanning or working hides, skins or leather or making or repairing articles of same, nesi               |

| HTS subheading | Product Description                                                                                                                        |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| 84541000 ..... | Converters of a kind used in metallurgy or in metal foundries                                                                              |
| 84543000 ..... | Casting machines, of a kind used in metallurgy or in metal foundries                                                                       |
| 84549000 ..... | Parts of converters, ladles, ingot molds and casting machines, of a kind used in metallurgy or in metal foundries                          |
| 84551000 ..... | Metal-rolling tube mills                                                                                                                   |
| 84552100 ..... | Metal-rolling mills, other than tube mills, hot or combination hot and cold                                                                |
| 84552200 ..... | Metal-rolling mills, other than tube mills, cold                                                                                           |
| 84553000 ..... | Rolls for metal-rolling mills                                                                                                              |
| 84559080 ..... | Parts for metal-rolling mills, other than rolls, nesl                                                                                      |
| 84561110 ..... | Machine tools operated by laser, for working metal                                                                                         |
| 84561170 ..... | Machine tools operated by laser, of a kind used solely or principally for manufacture of printed circuits                                  |
| 84561190 ..... | Machine tools operated by laser, nesoi                                                                                                     |
| 84561210 ..... | Machine tools operated by light or photon beam processes, for working metal                                                                |
| 84561270 ..... | Machine tools operated by light or photon beam processes, of a kind used solely or principally for the manufacture of printed circuits     |
| 84561290 ..... | Machine tools operated by light or photon beam processes, nesoi                                                                            |
| 84562010 ..... | Machine tools operated by ultrasonic processes, for working metal                                                                          |
| 84562050 ..... | Machine tools operated by ultrasonic processes, other than for working metal                                                               |
| 84563010 ..... | Machine tools operated by electro-discharge processes, for working metal                                                                   |
| 84563050 ..... | Machine tools operated by electro-discharge processes, other than for working metal                                                        |
| 84564010 ..... | Machine tools operated by plasma arc process, for working metal                                                                            |
| 84564090 ..... | Machine tools operated by plasma arc process, other than for working metal                                                                 |
| 84565000 ..... | Water-jet cutting machines                                                                                                                 |
| 84569031 ..... | Machine tools operated by electro-chemical or ionic-beam processes, for working metal                                                      |
| 84569071 ..... | Machine tools operated by electro-chemical or ionic-beam processes, other than for working metal                                           |
| 84571000 ..... | Machining centers for working metal                                                                                                        |
| 84572000 ..... | Unit construction machines (single station), for working metal                                                                             |
| 84573000 ..... | Multistation transfer machines for working metal                                                                                           |
| 84581100 ..... | Horizontal lathes (including turning centers) for removing metal, numerically controlled                                                   |
| 84581900 ..... | Horizontal lathes (including turning centers) for removing metal, other than numerically controlled                                        |
| 84589110 ..... | Vertical turret lathes (including turning centers) for removing metal, numerically controlled                                              |
| 84589150 ..... | Lathes (including turning centers), other than horizontal or vertical turret lathes, for removing metal, numerically controlled            |
| 84589910 ..... | Vertical turret lathes (including turning centers) for removing metal, other than numerically controlled                                   |
| 84589950 ..... | Lathes (including turning centers), other than horizontal or vertical turret lathes, for removing metal, other than numerically controlled |

| HTS subheading | Product Description                                                                                                                  |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------|
| 84591000 ..... | Way-type unit head machines for drilling, boring, milling, threading or tapping by removing metal, other than lathes of heading 8458 |
| 84592100 ..... | Drilling machines, numerically controlled, nesi                                                                                      |
| 84593100 ..... | Boring-milling machines, numerically controlled, nesi                                                                                |
| 84593900 ..... | Boring-milling machines, other than numerically controlled, nesi                                                                     |
| 84594100 ..... | Boring machines, numerically controlled, nesoi                                                                                       |
| 84594900 ..... | Boring machines, not numerically controlled, nesoi                                                                                   |
| 84595100 ..... | Milling machines, knee type, numerically controlled, nesi                                                                            |
| 84596100 ..... | Milling machines, other than knee type, numerically controlled, nesi                                                                 |
| 84596900 ..... | Milling machines, other than knee type, other than numerically controlled, nesi                                                      |
| 84597040 ..... | Other threading or tapping machines, numerically controlled                                                                          |
| 84597080 ..... | Other threading or tapping machines nesi                                                                                             |
| 84601200 ..... | Flat-surface grinding machines, numerically controlled                                                                               |
| 84601901 ..... | Flat-surface grinding machines, not numerically controlled                                                                           |
| 84602200 ..... | Centerless grinding machines, numerically controlled                                                                                 |
| 84602300 ..... | Other cylindrical grinding machines, numerically controlled                                                                          |
| 84602400 ..... | Other grinding machines, numerically controlled                                                                                      |
| 84602901 ..... | Other grinding machines, other than numerically controlled                                                                           |
| 84603100 ..... | Sharpening (tool or cutter grinding) machines for working metal or cermets, numerically controlled                                   |
| 84604040 ..... | Honing or lapping machines for working metal or cermets, numerically controlled                                                      |
| 84604080 ..... | Honing or lapping machines for working metal or cermets, other than numerically controlled                                           |
| 84609040 ..... | Other machine tools for deburring, polishing or otherwise finishing metal or cermets, nesoi, numerically controlled                  |
| 84609080 ..... | Other machine tools for deburring, polishing or otherwise finishing metal or cermets, nesoi, other than numerically controlled       |
| 84612040 ..... | Shaping or slotting machines for working by removing metal or cermets, numerically controlled                                        |
| 84612080 ..... | Shaping or slotting machines for working by removing metal or cermets, other than numerically controlled                             |
| 84613040 ..... | Broaching machines for working by removing metal or cermets, numerically controlled                                                  |
| 84613080 ..... | Broaching machines for working by removing metal or cermets, other than numerically controlled                                       |
| 84614010 ..... | Gear cutting machines for working by removing metal or cermets                                                                       |
| 84614050 ..... | Gear grinding or finishing machines for working by removing metal or cermets                                                         |
| 84615040 ..... | Sawing or cutting-off machines for working by removing metal or cermets, numerically controlled                                      |
| 84619030 ..... | Machine-tools for working by removing metal or cermets, nesoi, numerically controlled                                                |
| 84619060 ..... | Machine-tools for working by removing metal or cermets, nesoi, other than numerically controlled                                     |
| 84621000 ..... | Forging or die-stamping machines (including presses) and hammers                                                                     |

| HTS subheading | Product Description                                                                                                                        |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| 84622100 ..... | Bending, folding, straightening or flattening machines (including presses) numerically controlled for working metal or metal carbides      |
| 84622900 ..... | Bending, folding, straightening or flattening machines (including presses) not numerically controlled for working metal or metal carbides  |
| 84623100 ..... | Shearing machines (incl. presses), excl. combined punching & shearing machines, numerically controlled for working metal or metal carbides |
| 84623900 ..... | Shearing machines (incl. presses), excl. combined punch & shearing machines, nt numerically controlled for working metal or metal carbides |
| 84624100 ..... | Punch/notch machines (incl. presses), incl. combined punch & shearing machines, numerically controlled for working metal or metal carbides |
| 84624900 ..... | Punch/notch machines (incl. presses), incl. combined punch & shear machines, nt numerically controlled for working metal or metal carbides |
| 84629140 ..... | Hydraulic presses, numerically controlled                                                                                                  |
| 84629180 ..... | Hydraulic presses, not numerically controlled                                                                                              |
| 84629940 ..... | Machine tools (including nonhydraulic presses) for working metal or metal carbides, nesi, numerically controlled                           |
| 84629980 ..... | Machine tools (including nonhydraulic presses) for working metal or metal carbides, nesi, not numerically controlled                       |
| 84631000 ..... | Draw-benches for bars, tubes, profiles, wire or the like, for working metal or cermets, without removing material                          |
| 84632000 ..... | Thread rolling machines for working metal or cermets, without removing material                                                            |
| 84633000 ..... | Machines for working wire of metal or cermets, without removing material                                                                   |
| 84639000 ..... | Machine tools for working metal or cermets, without removing material, nesoi                                                               |
| 84642001 ..... | Grinding or polishing machines for working stone, ceramics, concrete, asbestos-cement or like mineral materials, or glass, nesi            |
| 84649001 ..... | Machine tools for working stone, ceramics, concrete, asbestos-cement or like mineral materials or for cold working glass, nesoi            |
| 84651000 ..... | Machines for working certain hard materials which can carry out different types of machining operations w/o tool change between operations |
| 84659200 ..... | Planing, milling or molding (by cutting) machines for working wood, cork, bone, hard rubber, hard plastics or similar hard materials       |
| 84659300 ..... | Grinding, sanding or polishing machines for working wood, cork, bone, hard rubber, hard plastics or similar hard materials                 |
| 84659400 ..... | Bending or assembling machines for working wood, cork, bone hard rubber, hard plastics or similar hard materials                           |
| 84659902 ..... | Machine tools for working wood, cork, bone, hard rubber, hard plastics and similar hard materials, nesoi                                   |
| 84661001 ..... | Tool holders and self-opening dieheads for use solely or principally with machines of headings 8456 to 8465, nesoi                         |
| 84662010 ..... | Work holders for machine tools used in cutting gears                                                                                       |
| 84662080 ..... | Work holders for machine tools other than those used in cutting gears, nesoi                                                               |
| 84663010 ..... | Dividing heads for use solely or principally for machine tools of headings 8456 to 8465                                                    |
| 84663060 ..... | Special attachments (which are machines) use solely or principally for machines of heading 8456 to 8465, excluding dividing heads, nesoi   |
| 84669150 ..... | Parts and accessories nesi, for machines of heading 8464                                                                                   |

| HTS subheading | Product Description                                                                                                                           |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| 84669210 ..... | Cast-iron parts not advanced beyond cleaning and specifically machined, for machines of heading 8465                                          |
| 84669250 ..... | Parts and accessories nesi, for machines of heading 8465                                                                                      |
| 84669311 ..... | Certain parts for water-jet cutting machines                                                                                                  |
| 84669330 ..... | Certain specified parts and accessories of metal working machine tools for cutting gears                                                      |
| 84669353 ..... | Certain specified parts and accessories for machines of heading 8456 to 8461, nesoi                                                           |
| 84669360 ..... | Other cast-iron parts not advanced beyond cleaning and specifically machined, for metalworking machine tools for cutting, etc.                |
| 84669375 ..... | Other parts and accessories of metal working machine tools for cutting gears                                                                  |
| 84669396 ..... | Parts & accessories for machines of heading 8456 to 8461 used to make printed circuits or PCAs, parts of heading 8517 or computers            |
| 84669398 ..... | Other parts and accessories for machines of heading 8456 to 8461, nesoi                                                                       |
| 84669420 ..... | Certain specified cast-iron parts not advanced beyond cleaning and specifically machined, for machines of heading 8462 or 8463                |
| 84669440 ..... | Other cast-iron parts not advanced beyond cleaning and specifically machined, for machines of heading 8462 or 8463                            |
| 84669465 ..... | Other specified parts and accessories for machines of heading 8462 or 8463, nesoi                                                             |
| 84669485 ..... | Other parts and accessories for machines of heading 8462 or 8463, nesoi                                                                       |
| 84671110 ..... | Tools for working in the hand, pneumatic, rotary type, suitable for metal working                                                             |
| 84671150 ..... | Tools for working in the hand, pneumatic, rotary type, other than suitable for metal working                                                  |
| 84671910 ..... | Tools for working in the hand, pneumatic, other than rotary type, suitable for metal working                                                  |
| 84678100 ..... | Chain saws for working in the hand, hydraulic or with self-contained nonelectric motor                                                        |
| 84678910 ..... | Other tools for working in the hand, hydraulic or with self-contained nonelectric motor, suitable for metal working, nesoi                    |
| 84678950 ..... | Other tools for working in the hand, hydraulic or with self-contained nonelectric motor, other than suitable for metal working, nesoi         |
| 84679101 ..... | Parts of chain saws                                                                                                                           |
| 84679200 ..... | Parts of pneumatic tools for working in the hand                                                                                              |
| 84681000 ..... | Hand-held blow torches                                                                                                                        |
| 84682050 ..... | Gas-operated machinery, apparatus and appliances, not hand-directed or -controlled, used for soldering, brazing, welding or tempering, nesi   |
| 84688050 ..... | Machinery and apparatus other than hand-directed or -controlled, used for soldering, brazing or welding, not gas-operated                     |
| 84705000 ..... | Cash registers                                                                                                                                |
| 84716080 ..... | Optical scanners and magnetic ink recognition devices not entered with the rest of a ADP system                                               |
| 84717030 ..... | ADP magnetic disk drive storage units, disk dia. ov 21 cm, nesoi, not entered with the rest of a system                                       |
| 84717040 ..... | ADP magnetic disk drive storage units, disk dia. n/ov 21 cm, not in cabinet, w/o attached external power supply, n/entered w/rest of a system |

| HTS subheading | Product Description                                                                                                                         |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| 84717060 ..... | ADP storage units other than magnetic disk, not in cabinets for placing on a table, etc., not entered with the rest of a system             |
| 84717090 ..... | ADP storage units other than magnetic disk drive units, nesoi, not entered with the rest of a system                                        |
| 84733020 ..... | Parts and accessories of the ADP machines of heading 8471, not incorporating a CRT, parts and accessories of printed circuit assemblies     |
| 84734010 ..... | Printed circuit assemblies for automatic teller machines of subheading 8472.90.10                                                           |
| 84734086 ..... | Other parts and accessories of machines of heading 8472, nesoi                                                                              |
| 84735030 ..... | Printed circuit assemblies suitable for use with machines of two or more of the headings 8469 to 8472                                       |
| 84741000 ..... | Sorting, screening, separating or washing machines for earth, stones, ores or other mineral substances in solid form                        |
| 84742000 ..... | Crushing or grinding machines for earth, stones, ores or other mineral substances                                                           |
| 84743100 ..... | Concrete or mortar mixers                                                                                                                   |
| 84743200 ..... | Machines for mixing mineral substances with bitumen                                                                                         |
| 84743900 ..... | Mixing or kneading machines for earth, stones, ores or other mineral substances, nesi                                                       |
| 84748000 ..... | Machinery for agglomerating, shaping or molding solid mineral fuels, or other mineral products; machines for forming sand foundry molds     |
| 84749000 ..... | Parts for the machinery of heading 8474                                                                                                     |
| 84751000 ..... | Machines for assembling electric or electronic lamps, tubes or flashbulbs, in glass envelopes                                               |
| 84752100 ..... | Machines for making glass optical fibers and preforms thereof                                                                               |
| 84759010 ..... | Parts of machines for assembling electric or electronic lamps, tubes or flashbulbs, in glass envelopes                                      |
| 84759090 ..... | Parts of machines for manufacturing or hot working glass or glassware                                                                       |
| 84768900 ..... | Automatic goods-vending (other than beverage-vending but incl. money-changing machines) not incorporating heating or refrigerating devices  |
| 84771030 ..... | Injection-molding machines for manufacturing shoes of rubber or plastics                                                                    |
| 84771040 ..... | Injection-molding machines for use in the manufacture of video laser discs                                                                  |
| 84771090 ..... | Injection-molding machines of a type used for working or manufacturing products from rubber or plastics, nesoi                              |
| 84772000 ..... | Extruders for working rubber or plastics or for the manufacture of products from these materials, nesi                                      |
| 84773000 ..... | Blow-molding machines for working rubber or plastics or for the manufacture of products from these materials                                |
| 84774001 ..... | Vacuum-molding and other thermoforming machines for working rubber or plastics or for manufacture of products from these materials, nesoi   |
| 84775100 ..... | Machinery for molding or retreading pneumatic tires or for molding or otherwise forming inner tubes                                         |
| 84778000 ..... | Machinery for working rubber or plastics or for the manufacture of products from these materials, nesi                                      |
| 84779025 ..... | Base, bed, platen and specified parts of machinery for working rubber or plastics or for manufacture of products from these material, nesoi |
| 84779045 ..... | Barrel screws of machinery for working rubber or plastics or for the manufacture of products from these materials, nesoi                    |

| HTS subheading | Product Description                                                                                                                     |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| 84779065 ..... | Hydraulic assemblies of machinery for working rubber or plastics or for the manufacture of products from these materials, nesoi         |
| 84779085 ..... | Parts of machinery for working rubber or plastics or for the manufacture of products from these materials, nesoi                        |
| 84781000 ..... | Machinery for preparing or making up tobacco, nesi                                                                                      |
| 84789000 ..... | Parts of machinery for preparing or making up tobacco, nesi                                                                             |
| 84791000 ..... | Machinery for public works, building or the like, nesi                                                                                  |
| 84792000 ..... | Machinery for the extraction or preparation of animal or fixed vegetable fats or oils, nesi                                             |
| 84793000 ..... | Presses for making particle board or fiber building board of wood or other ligneous materials, and mach. for treat. wood or cork, nesi  |
| 84794000 ..... | Rope- or cable-making machines nesi                                                                                                     |
| 84795000 ..... | Industrial robots, not elsewhere specified or included                                                                                  |
| 84797900 ..... | Other passenger boarding bridges                                                                                                        |
| 84798100 ..... | Machines and mechanical appliances for treating metal, including electric wire coil-winders, nesi                                       |
| 84798200 ..... | Machines for mixing, kneading, crushing, grinding, screening, sifting, homogenizing, emulsifying or stirring, nesi                      |
| 84798955 ..... | Electromechanical appliances with self-contained electric motor, trash compactors                                                       |
| 84798965 ..... | Electromechanical appliances with self-contained electric motor, nesi                                                                   |
| 84798983 ..... | Machines for the manufacture of optical media                                                                                           |
| 84798992 ..... | Automated electronic component placement machines for making printed circuit assemblies                                                 |
| 84799041 ..... | Parts of floor polishers of subheading 8479.89.20; parts of carpet sweepers                                                             |
| 84799045 ..... | Parts of trash compactors, frame assemblies                                                                                             |
| 84799055 ..... | Parts of trash compactors, ram assemblies                                                                                               |
| 84799065 ..... | Parts of trash compactors, container assemblies                                                                                         |
| 84799075 ..... | Parts of trash compactors, cabinets or cases                                                                                            |
| 84799085 ..... | Parts of trash compactors, nesi                                                                                                         |
| 84799094 ..... | Parts of machines and mechanical appliances having individual functions, not specified or included elsewhere in chapter 84, nesoi       |
| 84802000 ..... | Mold bases                                                                                                                              |
| 84803000 ..... | Molding patterns                                                                                                                        |
| 84804100 ..... | Molds for metal or metal carbides, injection or compression types                                                                       |
| 84804900 ..... | Molds for metal or metal carbides other than injection or compression types                                                             |
| 84805000 ..... | Molds for glass                                                                                                                         |
| 84806000 ..... | Molds for mineral materials                                                                                                             |
| 84807110 ..... | Molds for rubber or plastics, injection or compression types, for shoe machinery                                                        |
| 84807140 ..... | Injection or compression type molds for rubber or plastics for the manufacture of semiconductor devices                                 |
| 84807180 ..... | Molds for rubber or plastics, injection or compression types, other than for shoe machinery or for manufacture of semiconductor devices |
| 84811000 ..... | Pressure-reducing valves for pipes, boiler shells, tanks, vats or the like                                                              |
| 84812000 ..... | Valves for oleohydraulic or pneumatic transmissions                                                                                     |

| HTS subheading | Product Description                                                                                                                  |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------|
| 84813020 ..... | Check valves of iron or steel for pipes, boiler shells, tanks, vats or the like                                                      |
| 84813090 ..... | Check valves other than of copper or iron or steel, for pipes, boiler shells, tanks, vats or the like                                |
| 84814000 ..... | Safety or relief valves for pipes, boiler shells, tanks, vats or the like                                                            |
| 84819090 ..... | Parts of taps, cocks, valves and similar appliances for pipes, boiler shells, tanks, vats or the like, nesi                          |
| 84821050 ..... | Ball bearings other than ball bearings with integral shafts                                                                          |
| 84822000 ..... | Tapered roller bearings, including cone and tapered roller assemblies                                                                |
| 84823000 ..... | Spherical roller bearings                                                                                                            |
| 84824000 ..... | Needle roller bearings                                                                                                               |
| 84825000 ..... | Cylindrical roller bearings nesi                                                                                                     |
| 84828000 ..... | Ball or roller bearings nesi, including combined ball/roller bearings                                                                |
| 84829100 ..... | Balls, needles and rollers for ball or roller bearings                                                                               |
| 84829905 ..... | Inner or outer rings or races for ball bearings                                                                                      |
| 84829915 ..... | Inner or outer rings or races for taper roller bearings                                                                              |
| 84829925 ..... | Inner or outer rings or races for other bearings, nesi                                                                               |
| 84829935 ..... | Parts of ball bearings (including parts of ball bearings with integral shafts), nesi                                                 |
| 84829945 ..... | Parts of tapered roller bearings, nesi                                                                                               |
| 84829965 ..... | Parts of other ball or roller bearings, nesi                                                                                         |
| 84833040 ..... | Bearing housings of the flange, take-up, cartridge and hanger unit type                                                              |
| 84834010 ..... | Torque converters                                                                                                                    |
| 84834030 ..... | Fixed, multiple and variable ratio speed changers, imported for use with machines for making cellulosic pulp, paper or paperboard    |
| 84834080 ..... | Ball or roller screws                                                                                                                |
| 84834090 ..... | Gears and gearing, other than toothed wheels, chain sprockets and other transmission elements entered separately                     |
| 84835060 ..... | Flywheels, nesi                                                                                                                      |
| 84835090 ..... | Pulleys, including pulley blocks, nesi                                                                                               |
| 84836040 ..... | Clutches and universal joints                                                                                                        |
| 84839010 ..... | Chain sprockets and parts thereof                                                                                                    |
| 84839020 ..... | Parts of flange, take-up, cartridge and hanger units                                                                                 |
| 84839030 ..... | Parts of bearing housings and plain shaft bearings, nesi                                                                             |
| 84839070 ..... | Parts of articles of subheading 8483.20                                                                                              |
| 84839080 ..... | Parts of transmission equipment, nesi                                                                                                |
| 84841000 ..... | Gaskets and similar joints of metal sheeting combined with other material or of two or more layers of metal                          |
| 84842000 ..... | Mechanical seals                                                                                                                     |
| 84849000 ..... | Sets or assortments of gaskets and similar joints dissimilar in composition, put up in pouches, envelopes or similar packings        |
| 84871000 ..... | Ships' or boats propellers and blades therefor                                                                                       |
| 84879000 ..... | Machinery parts, not containing electrical connectors, insulators, coils, contacts or other electrical features and other parts nesi |



| HTS subheading | Product Description                                                                                                                       |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| 85011040 ..... | Electric motors of an output of under 18.65 W, other than synchronous valued not over \$4 each                                            |
| 85012020 ..... | Universal AC/DC motors of an output exceeding 37.5 W but not exceeding 74.6 W                                                             |
| 85012050 ..... | Universal AC/DC motors of an output exceeding 735 W but under 746 W                                                                       |
| 85012060 ..... | Universal AC/DC motors of an output of 746 W or more                                                                                      |
| 85013120 ..... | DC motors nesi, of an output exceeding 37.5 W but not exceeding 74.6 W                                                                    |
| 85013150 ..... | DC motors, nesi, of an output exceeding 735 W but under 746 W                                                                             |
| 85013160 ..... | DC motors nesi, of an output of 746 W but not exceeding 750 W                                                                             |
| 85013245 ..... | DC motors nesi, of an output exceeding 14.92 kW but not exceeding 75 kW, used as primary source of mechanical power for electric vehicles |
| 85013255 ..... | DC motors nesi, of an output exceeding 14.92 kW but not exceeding 75 kW, nesi                                                             |
| 85013340 ..... | DC motors nesi, of an output exceeding 150 kW but not exceeding 375 kW                                                                    |
| 85013360 ..... | DC generators of an output exceeding 75 kW but not exceeding 375 kW                                                                       |
| 85013430 ..... | DC motors nesi, of an output exceeding 375 kW                                                                                             |
| 85013460 ..... | DC generators of an output exceeding 375 kW                                                                                               |
| 85015120 ..... | AC motors nesi, multi-phase, of an output exceeding 37.5 W but not exceeding 74.6 W                                                       |
| 85015140 ..... | AC motors, nesi, multi-phase, of an output exceeding 74.6 W but not exceeding 735 W                                                       |
| 85015150 ..... | AC motors, nesi, multi-phase, of an output exceeding 735 W but under 746 W                                                                |
| 85015160 ..... | AC motors nesi, multi-phase of an output of 746 W but not exceeding 750 W                                                                 |
| 85015280 ..... | AC motors nesi, multi-phase, of an output exceeding 14.92 kW but not exceeding 75 kW                                                      |
| 85015340 ..... | AC motors nesi, multi-phase, of an output exceeding 75 kW but under 149.2 kW                                                              |
| 85015380 ..... | AC motors nesi, multi-phase, of an output exceeding 150 kW                                                                                |
| 85016200 ..... | AC generators (alternators) of an output exceeding 75 kVA but not exceeding 375 kVA                                                       |
| 85016300 ..... | AC generators (alternators) of an output exceeding 375 kVA but not exceeding 750 kVA                                                      |
| 85016400 ..... | AC generators (alternators) of an output exceeding 750 kVA                                                                                |
| 85021100 ..... | Electric generating sets with compression-ignition internal-combustion piston engines, of an output not exceeding 75 kVA                  |
| 85021200 ..... | Electric generating sets with compression-ignition internal-combustion piston engines, of an output exceeding 75 kVA but not over 375 kVA |
| 85021300 ..... | Electric generating sets with compression-ignition internal-combustion piston engines, of an output exceeding 375 kVA                     |
| 85023100 ..... | Wind-powered electric generating sets                                                                                                     |
| 85023900 ..... | Electric generating sets, nesoi                                                                                                           |
| 85024000 ..... | Electric rotary converters                                                                                                                |
| 85030020 ..... | Commutators suitable for use solely or principally with the machines of heading 8501 or 8502                                              |
| 85030035 ..... | Parts of electric motors under 18.65 W, stators and rotors                                                                                |
| 85030045 ..... | Stators and rotors for electric generators for use on aircraft                                                                            |
| 85030065 ..... | Stators and rotors for electric motors & generators of heading 8501, nesi                                                                 |
| 85030075 ..... | Parts of electric motors under 18.65 W, other than commutators, stators or rotors                                                         |
| 85030090 ..... | Parts for electric generators suitable for use on aircraft                                                                                |

| HTS subheading | Product Description                                                                                                                     |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| 85042100 ..... | Liquid dielectric transformers having a power handling capacity not exceeding 650 kVA                                                   |
| 85042200 ..... | Liquid dielectric transformers having a power handling capacity exceeding 650 kVA but not exceeding 10,000 kVA                          |
| 85042300 ..... | Liquid dielectric transformers having a power handling capacity exceeding 10,000 kVA                                                    |
| 85043200 ..... | Electrical transformers other than liquid dielectric, having a power handling capacity exceeding 1 kVA but not exceeding 16 kVA         |
| 85043300 ..... | Electrical transformers other than liquid dielectric, having a power handling capacity exceeding 16 kVA but not exceeding 500 kVA       |
| 85043400 ..... | Electrical transformers other than liquid dielectric, having a power handling capacity exceeding 500 kVA                                |
| 85044040 ..... | Electrical speed drive controllers for electric motors (static converters)                                                              |
| 85049041 ..... | Parts of power supplies (other than printed circuit assemblies) for automatic data processing machines or units thereof of heading 8471 |
| 85049065 ..... | Printed circuit assemblies of the goods of subheading 8504.40 or 8504.50 for telecommunication apparatus                                |
| 85049075 ..... | Printed circuit assemblies of electrical transformers, static converters and inductors, nesoi                                           |
| 85049096 ..... | Parts (other than printed circuit assemblies) of electrical transformers, static converters and inductors                               |
| 85051910 ..... | Flexible permanent magnets, other than of metal                                                                                         |
| 85052000 ..... | Electromagnetic couplings, clutches and brakes                                                                                          |
| 85059030 ..... | Electromagnetic lifting heads                                                                                                           |
| 85059040 ..... | Electromagnetic or permanent magnet work holders and parts thereof                                                                      |
| 85059070 ..... | Electromagnets used for MRI                                                                                                             |
| 85059075 ..... | Other electromagnets and parts thereof, and parts of related electromagnetic articles nesi                                              |
| 85064010 ..... | Silver oxide primary cells and primary batteries having an external volume not exceeding 300 cubic cm                                   |
| 85064050 ..... | Silver oxide primary cells and primary batteries having an external volume exceeding 300 cubic cm                                       |
| 85065000 ..... | Lithium primary cells and primary batteries                                                                                             |
| 85066000 ..... | Air-zinc primary cells and primary batteries                                                                                            |
| 85069000 ..... | Parts of primary cells and primary batteries                                                                                            |
| 85073080 ..... | Nickel-cadmium storage batteries, other than of a kind used as the primary source of power for electric vehicles                        |
| 85079040 ..... | Parts of lead-acid storage batteries, including separators therefor                                                                     |
| 85079080 ..... | Parts of storage batteries, including separators therefor, other than parts of lead-acid storage batteries                              |
| 85141000 ..... | Resistance heated industrial or laboratory furnaces and ovens                                                                           |
| 85142060 ..... | Industrial or laboratory microwave ovens, nesoi                                                                                         |
| 85142080 ..... | Industrial or laboratory furnaces and ovens (other than microwave) functioning by induction or dielectric loss                          |
| 85143010 ..... | Industrial furnaces and ovens for making printed circuits or printed circuit assemblies                                                 |
| 85143090 ..... | Industrial or laboratory electric industrial or laboratory furnaces and ovens nesi                                                      |

| HTS subheading | Product Description                                                                                                                          |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| 85144000 ..... | Industrial or laboratory induction or dielectric heating equipment nesi                                                                      |
| 85149080 ..... | Parts of industrial or laboratory electric furnaces and ovens and other industrial or laboratory induction or dielectric heating equipment   |
| 85151100 ..... | Electric soldering irons and guns                                                                                                            |
| 85151900 ..... | Electric brazing or soldering machines and apparatus, other than soldering irons and guns                                                    |
| 85152100 ..... | Electric machines and apparatus for resistance welding of metal, fully or partly automatic                                                   |
| 85152900 ..... | Electric machines and apparatus for resistance welding of metal, other than fully or partly automatic                                        |
| 85153100 ..... | Electric machines and apparatus for arc (including plasma arc) welding of metals, fully or partly automatic                                  |
| 85153900 ..... | Electric machines and apparatus for arc (including plasma arc) welding of metals, other than fully or partly automatic                       |
| 85158000 ..... | Electric welding apparatus nesi, and electric machines and apparatus for hot spraying metals or sintered metal carbides                      |
| 85159020 ..... | Parts of electric welding machines and apparatus                                                                                             |
| 85159040 ..... | Parts of electric soldering or brazing machines & apparatus, & electric apparatus for hot spraying of metals or sintered metal carbides      |
| 85192000 ..... | Sound recording or reproducing apparatus operated by coins, bank notes, bank cards, tokens or other means of payment                         |
| 85198110 ..... | Transcribing machines                                                                                                                        |
| 85198125 ..... | Cassette players (non-recording), nesi                                                                                                       |
| 85232910 ..... | Unrecorded magnetic media                                                                                                                    |
| 85232920 ..... | Pre-recorded magnetic tapes for reproducing phenomena other than sound or image                                                              |
| 85232930 ..... | Pre-recorded magnetic tapes, of a width not exceeding 4 mm, of news sound recording relating to current events                               |
| 85232940 ..... | Pre-recorded magnetic tapes, of a width not exceeding 4 mm, nesi                                                                             |
| 85232950 ..... | Pre-recorded magnetic video tape recordings of a width exceeding 4 mm but not exceeding 6.5 mm                                               |
| 85232960 ..... | Pre-recorded magnetic tapes of a width exceeding 4 mm but not exceeding 6.5 mm, nesi                                                         |
| 85232970 ..... | Pre-recorded magnetic video tape recordings of a width exceeding 6.5 mm                                                                      |
| 85232980 ..... | Pre-recorded magnetic tapes of a width exceeding 6.5 mm, nesi                                                                                |
| 85232990 ..... | Pre-recorded magnetic media other than tape, nesi                                                                                            |
| 85234100 ..... | Unrecorded optical media                                                                                                                     |
| 85234920 ..... | Recorded optical media, for reproducing phenomena other than sound or image                                                                  |
| 85234930 ..... | Recorded optical media, for reproducing sound only                                                                                           |
| 85234950 ..... | Recorded optical media, nesi                                                                                                                 |
| 85238010 ..... | Phonograph records                                                                                                                           |
| 85238020 ..... | Discs, tapes, solid-state non-volatile storage devices, "smart cards" and other media for the recording of sound or of other phenomena, whet |
| 85255070 ..... | Transmission apparatus for radiobroadcasting                                                                                                 |
| 85256010 ..... | Transceivers                                                                                                                                 |

| HTS subheading | Product Description                                                                                                                          |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| 85256020 ..... | Transmission apparatus incorporating reception apparatus, other than transceivers                                                            |
| 85258010 ..... | Television cameras, gyrostabilized                                                                                                           |
| 85258020 ..... | Television cameras, studio type, other than shoulder-carried or other portable cameras                                                       |
| 85261000 ..... | Radar apparatus                                                                                                                              |
| 85269100 ..... | Radio navigational aid apparatus, other than radar                                                                                           |
| 85269250 ..... | Radio remote control apparatus other than for video game consoles                                                                            |
| 85279915 ..... | Radio receivers, NESOI                                                                                                                       |
| 85279940 ..... | Reception apparatus for radiobroadcasting, NESOI                                                                                             |
| 85284905 ..... | Incomplete or unfinished color video monitors, presented w/o a display device, incorp. VCR or player                                         |
| 85284910 ..... | Incomplete or unfinished color video monitors, presented w/o a display device, not incorp. VCR or player                                     |
| 85284925 ..... | Non-high definition color video monitors, nonprojection type, w/CRT, video display diagonal not over 34.29 cm, not incorp. VCR or player     |
| 85284930 ..... | Non-high definition color video monitors, nonprojection, w/CRT, video display diag. ov 34.29 cm but n/ov 35.56 cm, not incorp. VCR or player |
| 85284940 ..... | Non-high definition color video monitors, nonprojection type, w/CRT, video display diagonal over 35.56 cm, not incorporating VCR or player   |
| 85284950 ..... | Non-high definition color video monitors, projection type, with cathode-ray tube, not incorporating VCR or player                            |
| 85284965 ..... | High definition color video monitors, nonprojection type, with cathode-ray tube, not incorporating VCR or player                             |
| 85284970 ..... | High definition color video monitors, projection type, with cathode-ray tube, incorporating VCR or player                                    |
| 85284975 ..... | High definition color video monitors, projection type, with cathode-ray tube, not incorporating VCR or player                                |
| 85285923 ..... | Color video monitors w/flat panel screen, video display diagonal > 34.29 cm, incorporating VCR or player, not subject US note 13             |
| 85285925 ..... | Color video monitors w/flat panel screen, video display diagonal n/ov 34.29 cm, not incorporate VCR or player                                |
| 85285933 ..... | Color video monitors w/flat panel screen, video display diagonal > 34.29 cm, not with VCR/player, not subj US note 13                        |
| 85285945 ..... | Color video monitors nesoi, with video display diagonal not over 34.29 cm, not incorporating VCR or player                                   |
| 85285960 ..... | Black and white or other monochrome video monitors, other                                                                                    |
| 85286915 ..... | Non-high definition color video projectors, with a cathode-ray tube, incorporating VCR or player                                             |
| 85286925 ..... | High definition color video projectors, with a cathode-ray tube, incorporating VCR or player                                                 |
| 85286940 ..... | Color video projectors w/flat panel screen, video display diagonal over 34.29 cm, incorporating VCR or player                                |
| 85286955 ..... | Color video projectors nesoi, incorporating video recording or reproducing apparatus                                                         |
| 85286960 ..... | Color video projectors nesoi, not incorporating a video recording or reproducing apparatus                                                   |

| HTS subheading | Product Description                                                                                                                          |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| 85286970 ..... | Black and white or other monochrome video projectors                                                                                         |
| 85287110 ..... | Reception apparatus for television, not designed to incorporate a video display or screen, incorporating video recording or reproducing appa |
| 85287130 ..... | TV reception printed circuit assemblies incorporating a tuner, of a kind used with ADP machines of heading 8471, nesoi                       |
| 85287208 ..... | Incomplete or unfinished color tv reception apparatus, presented w/o a display device, n/incorp. VCR or player                               |
| 85287216 ..... | Non-high def. color television reception app., nonprojection, w/CRT, display diag. ov 34.29 cm but n/ov 35.56 cm, incorp. VCR or player      |
| 85287232 ..... | Non-high definition color television reception apparatus, nonprojection, w/CRT, video display diag. ov 35.56 cm, not incorp. a VCR or player |
| 85287248 ..... | High definition color television reception apparatus, nonprojection, with cathode-ray tube, not incorporating a VCR or player                |
| 85287252 ..... | High definition color television reception apparatus, projection type, with cathode-ray tube, incorporating a VCR or player                  |
| 85287256 ..... | High definition color television reception apparatus, projection type, with cathode-ray tube, not incorporating a VCR or player              |
| 85287262 ..... | Color television reception apparatus w/flat panel screen, video display diagonal n/ov 34.29 cm, incorporating a VCR or player                |
| 85287264 ..... | Color television reception apparatus w/flat panel screen, video display diagonal over 34.29 cm, incorporating a VCR or player                |
| 85287280 ..... | Color television reception apparatus nesoi, video display diagonal over 34.29 cm, incorporating a VCR or player                              |
| 85287297 ..... | Color television reception apparatus nesoi, video display diagonal over 34.29 cm, not incorporating a VCR or player, nesoi                   |
| 85291040 ..... | Radar, radio navigational aid and radio remote control antennas and antenna reflectors, and parts suitable for use therewith                 |
| 85299005 ..... | PCBs and ceramic substrates and subassemblies thereof, for color TV, with components listed in add. US note 4, chap. 85                      |
| 85299006 ..... | PCBs and ceramic substrates and subassemblies thereof, for color TV, not with components listed in add. US note 4, chap. 85                  |
| 85299009 ..... | Printed circuit assemblies for television cameras                                                                                            |
| 85299016 ..... | Printed circuit assemblies which are subassemblies of radar, radio nav. aid or remote control apparatus, of 2 or more parts joined together  |
| 85299019 ..... | Printed circuit assemblies, nesi, for radar, radio navigational aid or radio remote control apparatus                                        |
| 85299022 ..... | Other printed circuit assemblies suitable for use solely or principally with the apparatus of headings 8525 to 8528, nesi                    |
| 85299024 ..... | Transceiver assemblies for the apparatus of subheading 8526.10, other than printed circuit assemblies                                        |
| 85299029 ..... | Tuners for television apparatus, other than printed circuit assemblies                                                                       |
| 85299033 ..... | Subassies w/2 or more PCBs or ceramic substrates, as spec'd in add. US note 9 ch. 85, for color TV, w/components in add. US note 4, ch. 85   |
| 85299046 ..... | Combinations of PCBs and ceramic substrates and subassemblies thereof for color TV, w/components listed in add. U.S. note 4, chap. 85        |

| HTS subheading | Product Description                                                                                                                         |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| 85299063 ..... | Parts of printed circuit assemblies (including face plates and lock latches) for television cameras                                         |
| 85299068 ..... | Parts of printed circuit assemblies (including face plates and lock latches) for television apparatus other than television cameras         |
| 85299073 ..... | Parts of printed circuit assemblies (including face plates and lock latches) for radar, radio navigational aid or radio remote control app. |
| 85299078 ..... | Mounted lenses for use in closed circuit television cameras, separately imported, w/ or w/o attached elec. connectors or motors             |
| 85299081 ..... | Other parts of television cameras, nesi                                                                                                     |
| 85299083 ..... | Other parts of television apparatus (other than television cameras), nesi                                                                   |
| 85299089 ..... | Subassies w/2 or more PCBs or ceramic substrates, exc. tuners or converg. ass'ies, for color TV, not w/components in add. US note 4, ch. 85 |
| 85299093 ..... | Parts of television apparatus, nesi                                                                                                         |
| 85299095 ..... | Assemblies and subassemblies of radar, radio navigational aid or remote control apparatus, of 2 or more parts joined together, nesi         |
| 85299097 ..... | Parts suitable for use solely or principally in radar, radio navigational aid or radio remote control apparatus, nesi                       |
| 85299099 ..... | Parts suitable for use solely or principally with the apparatus of headings 8525 to 8528, nesi                                              |
| 85301000 ..... | Electrical signaling, safety or traffic control equipment for railways, streetcar lines or subways                                          |
| 85308000 ..... | Electrical signaling, safety or traffic control equipment for roads, inland waterways, parking facilities, port installations or airfields  |
| 85309000 ..... | Parts for electrical signaling, safety or traffic control equipment                                                                         |
| 85321000 ..... | Fixed electrical capacitors designed for use in 50/60 Hz circuits and having a reactive power handling capacity of not less than 0.5 kvar   |
| 85322100 ..... | Tantalum fixed capacitors                                                                                                                   |
| 85322200 ..... | Aluminum electrolytic fixed capacitors                                                                                                      |
| 85322300 ..... | Ceramic dielectric fixed capacitors, single layer                                                                                           |
| 85322400 ..... | Ceramic dielectric fixed capacitors, multilayer                                                                                             |
| 85322500 ..... | Dielectric fixed capacitors of paper or plastics                                                                                            |
| 85322900 ..... | Fixed electrical capacitors, nesi                                                                                                           |
| 85323000 ..... | Variable or adjustable (pre-set) electrical capacitors                                                                                      |
| 85329000 ..... | Parts of electrical capacitors, fixed, variable or adjustable (pre-set)                                                                     |
| 85331000 ..... | Electrical fixed carbon resistors, composition or film types                                                                                |
| 85332100 ..... | Electrical fixed resistors, other than composition or film type carbon resistors, for a power handling capacity not exceeding 20 W          |
| 85332900 ..... | Electrical fixed resistors, other than composition or film type carbon resistors, for a power handling capacity exceeding 20 W              |
| 85333100 ..... | Electrical wirewound variable resistors, including rheostats and potentiometers, for a power handling capacity not exceeding 20 W           |
| 85334040 ..... | Metal oxide resistors                                                                                                                       |
| 85334080 ..... | Electrical variable resistors, other than wirewound, including rheostats and potentiometers                                                 |
| 85339080 ..... | Other parts of electrical resistors, including rheostats and potentiometers, nesi                                                           |

| HTS subheading | Product Description                                                                                                                           |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| 85351000 ..... | Fuses, for a voltage exceeding 1,000 V                                                                                                        |
| 85352100 ..... | Automatic circuit breakers, for a voltage of less than 72.5 kV, but exceeding 1,000 V                                                         |
| 85352900 ..... | Automatic circuit breakers, for a voltage of 72.5 kV or more                                                                                  |
| 85353000 ..... | Isolating switches and make-and-break switches, for a voltage exceeding 1,000 V                                                               |
| 85359040 ..... | Electrical motor starters and electrical motor overload protector, for a voltage exceeding 1,000 V                                            |
| 85359080 ..... | Electrical apparatus nesi for switching, protecting, or making connections for electrical circuits, for a voltage exceeding 1,000 V, nesi     |
| 85361000 ..... | Fuses, for a voltage not exceeding 1,000 V                                                                                                    |
| 85362000 ..... | Automatic circuit breakers, for a voltage not exceeding 1,000 V                                                                               |
| 85363040 ..... | Electrical motor overload protectors, for a voltage not exceeding 1,000 V, nesi                                                               |
| 85364100 ..... | Relays for switching, protecting or making connections to or in electrical circuits, for a voltage not exceeding 60 V                         |
| 85364900 ..... | Relays for switching, protecting or making connections to or in electrical circuits, for a voltage exceeding 60 but not exceeding 1,000 V     |
| 85365040 ..... | Electrical motor starters (which are switches), for a voltage not exceeding 1,000 V                                                           |
| 85365090 ..... | Switches nesoi, for switching or making connections to or in electrical circuits, for a voltage not exceeding 1,000 V                         |
| 85366940 ..... | Connectors: coaxial, cylindrical multicontact, rack and panel, printed circuit, ribbon or flat cable, for a voltage not exceeding 1,000 V     |
| 85369040 ..... | Electrical terminals, electrical splicers and electrical couplings, wafer probers, for a voltage not exceeding 1,000 V                        |
| 85369060 ..... | Battery clamps used in motor vehicles of headings 8702, 8703, 8704, or 8711                                                                   |
| 85369085 ..... | Other electrical apparatus nesi, for switching or making connections to or in electrical circuits, for a voltage not exceeding 1,000 V, nesoi |
| 85371060 ..... | Boards, panels, etc., equipped with apparatus for electric control, for a voltage not exceeding 1,000, motor control centers                  |
| 85371080 ..... | Touch screens without display capabilities for incorporation in apparatus having a display                                                    |
| 85372000 ..... | Boards, panels, consoles, desks, cabinets and other bases, equipped with apparatus for electric control, for a voltage exceeding 1,000 V      |
| 85381000 ..... | Parts of boards, panels, consoles, desks, cabinets and other bases for the goods of heading 8537, not equipped with their apparatus           |
| 85389040 ..... | Parts for articles of 8535.90.40, 8536.30.40 or 8536.50.40, of ceramic or metallic materials, mech. or elec. reactive to changes in temp.     |
| 85389060 ..... | Molded parts nesi, suitable for use solely or principally with the apparatus of heading 8535, 8536 or 8537                                    |
| 85389081 ..... | Other parts nesi, suitable for use solely or principally with the apparatus of heading 8535, 8536 or 8537                                     |
| 85392920 ..... | Electrical filament lamps, voltage not exceeding 100 V, having glass envelopes n/o 6.35 mm in diameter, suitable in surgical instruments      |
| 85392930 ..... | Electrical filament lamps nesi, designed for a voltage not exceeding 100 V, excluding ultraviolet and infrared lamps                          |
| 85394100 ..... | Arc lamps                                                                                                                                     |
| 85399000 ..... | Parts of electrical filament or discharge lamps                                                                                               |

| HTS subheading | Product Description                                                                                                                         |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| 85407910 ..... | Klystron tubes                                                                                                                              |
| 85407920 ..... | Microwave tubes (other than magnetrons or klystrons) excluding grid-controlled tubes                                                        |
| 85408900 ..... | Thermionic, cold cathode or photocathode tubes, nesi                                                                                        |
| 85412100 ..... | Transistors, other than photosensitive transistors, with a dissipation rating of less than 1 W                                              |
| 85412900 ..... | Transistors, other than photosensitive transistors, with a dissipation rating of 1 W or more                                                |
| 85413000 ..... | Thyristors, diacs and triacs, other than photosensitive devices                                                                             |
| 85414020 ..... | Light-emitting diodes (LED's)                                                                                                               |
| 85414070 ..... | Photosensitive transistors                                                                                                                  |
| 85414080 ..... | Photosensitive semiconductor devices nesi, optical coupled isolators                                                                        |
| 85414095 ..... | Photosensitive semiconductor devices nesi, other                                                                                            |
| 85415000 ..... | Semiconductor devices other than photosensitive semiconductor devices, nesi                                                                 |
| 85416000 ..... | Mounted piezoelectric crystals                                                                                                              |
| 85419000 ..... | Parts of diodes, transistors, similar semiconductor devices, photosensitive semiconductor devices, LED's and mounted piezoelectric crystals |
| 85431000 ..... | Electrical particle accelerators                                                                                                            |
| 85432000 ..... | Electrical signal generators                                                                                                                |
| 85433020 ..... | Electrical machines and apparatus for electroplating, electrolysis, or electrophoresis for making printed circuits                          |
| 85433090 ..... | Other electrical machines and apparatus for electroplating, electrolysis, or electrophoresis                                                |
| 85437020 ..... | Physical vapor deposition apparatus, nesoi                                                                                                  |
| 85437042 ..... | Flight data recorders                                                                                                                       |
| 85437060 ..... | Electrical machines and apparatus nesoi, designed for connection to telegraphic or telephonic apparatus, instruments or networks            |
| 85437080 ..... | Microwave amplifiers                                                                                                                        |
| 85437095 ..... | Touch screens without display capabilities for incorporation in apparatus having a display                                                  |
| 85437097 ..... | Plasma cleaner machines that remove organic contaminants from electron microscopy specimens and holders                                     |
| 85439012 ..... | Parts of physical vapor deposition apparatus of subheading 8543.70                                                                          |
| 85439015 ..... | Assemblies and subassemblies for flight data recorders, consisting of 2 or more parts pieces fastened together, printed circuit assemblies  |
| 85439035 ..... | Assemblies and subassemblies for flight data recorders, consisting of 2 or more parts pieces fastened together, not printed circuit assys.  |
| 85439065 ..... | Printed circuit assemblies of flat panel displays other than for reception apparatus for television of heading 8528                         |
| 85439068 ..... | Printed circuit assemblies of electrical machines and apparatus, having individual functions, nesoi                                         |
| 85441100 ..... | Insulated (including enameled or anodized) winding wire, of copper                                                                          |
| 85441900 ..... | Insulated (including enameled or anodized) winding wire, other than of copper                                                               |
| 85443000 ..... | Insulated ignition wiring sets and other wiring sets of a kind used in vehicles, aircraft or ships                                          |



| HTS subheading | Product Description                                                                                                                          |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| 85444930 ..... | Insulated electric conductors nesi, of copper, for a voltage not exceeding 1,000 V, not fitted with connectors                               |
| 85444990 ..... | Insulated electric conductors nesi, not of copper, for a voltage not exceeding 1,000 V, not fitted with connectors                           |
| 85446020 ..... | Insulated electric conductors nesi, for a voltage exceeding 1,000 V, fitted with connectors                                                  |
| 85446040 ..... | Insulated electric conductors nesi, of copper, for a voltage exceeding 1,000 V, not fitted with connectors                                   |
| 85447000 ..... | Optical fiber cables made up of individually sheathed fibers                                                                                 |
| 86011000 ..... | Rail locomotives powered from an external source of electricity                                                                              |
| 86031000 ..... | Self-propelled railway or tramway coaches, vans and trucks (o/than those of 8604), powered from an external source of electricity            |
| 86039000 ..... | Self-propelled railway or tramway coaches, vans and trucks (o/than those of 8604), o/than powered from an external source of electricity     |
| 86040000 ..... | Railway or tramway maintenance or service vehicles, whether or not self-propelled                                                            |
| 86071200 ..... | Parts of railway/tramway locomotives/rolling stock, truck assemblies for other than self-propelled vehicles                                  |
| 86071906 ..... | Parts of railway/tramway locomotives/rolling stock, parts of axles                                                                           |
| 86071912 ..... | Parts of railway/tramway locomotives/rolling stock, wheels, whether or not fitted with axles                                                 |
| 86071915 ..... | Parts of railway/tramway locomotives/rolling stock, parts of wheels                                                                          |
| 86071990 ..... | Parts of railway/tramway locomotives/rolling stock, parts of truck assemblies for self-propelled vehicles or for non-self propelled nesoi    |
| 86072110 ..... | Parts of railway/tramway locomotives/rolling stock, air brakes & parts thereof for non-self-propelled passenger coaches or freight cars      |
| 86072150 ..... | Parts of railway/tramway locomotives/rolling stock, air brakes & parts thereof for self-propelled vehicles or non-self-propelled stock nesoi |
| 86072910 ..... | Parts of railway/tramway locomotives/rolling stock, pts of brakes (o/than air brakes) for non-self-propelled passenger coaches or freight    |
| 86072950 ..... | Parts of railway/tramway locomotives/rolling stock, pts of brakes (o/th air brakes) for self-propelled vehicles or non-self-propelled nesoi  |
| 86079100 ..... | Parts, nesoi, of railway/tramway locomotives                                                                                                 |
| 86079910 ..... | Parts (o/than brake regulators) nesoi, of railway/tramway, non-self-propelled passenger coaches or freight cars                              |
| 86079950 ..... | Parts, nesoi, of railway or tramway rolling stock, nesoi                                                                                     |
| 86080000 ..... | Railway or tramway track fixtures and fittings; mechanical signaling, safety or traffic control equipment of all kinds nesoi; parts thereof  |
| 87011001 ..... | Single axle tractors, other than tractors of 8709                                                                                            |
| 87013010 ..... | Track-laying tractors, suitable for agricultural use                                                                                         |
| 87021031 ..... | Motor vehicles w/diesel engine, to transport 16 or more persons, incl driver                                                                 |
| 87021061 ..... | Motor vehicles w/diesel engine, to transport 10 to 15 persons, incl driver                                                                   |
| 87022031 ..... | Motor vehicles w/diesel engine & electric motor, to transport 16 or more persons, incl driver                                                |
| 87022061 ..... | Motor vehicles w/diesel engine & electric motor, to transport 10 to 15 persons, incl driver                                                  |

| HTS subheading | Product Description                                                                                                                          |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| 87023031 ..... | Motor vehicles w/spark-ign. IC recip. piston engine & electric motor, to transport 16 or more persons, incl driver                           |
| 87023061 ..... | Motor vehicles w/spark-ign. IC recip. piston engine & electric motor, to transport 10 to 15 persons, incl driver                             |
| 87024031 ..... | Motor vehicles w/electric motor, to transport 16 or more persons, incl driver                                                                |
| 87024061 ..... | Motor vehicles w/electric motor, to transport 10 to 15 persons, incl driver                                                                  |
| 87029031 ..... | Motor vehicles nesoi, to transport 16 or more persons, incl driver                                                                           |
| 87029061 ..... | Motor vehicles nesoi, to transport 10 to 15 persons, incl driver                                                                             |
| 87031010 ..... | Motor vehicles specially designed for traveling on snow                                                                                      |
| 87031050 ..... | Golf carts and similar motor vehicles                                                                                                        |
| 87032101 ..... | Motor vehicles to transport persons, w/spark-ign. IC recip. piston engine, w/cyl capacity <= 1, 000 cc                                       |
| 87032201 ..... | Motor vehicles to transport persons, w/spark-ign. IC recip. piston engine, w/cyl capacity > 1, 000cc but <=1, 500cc                          |
| 87032301 ..... | Motor vehicles to transport persons, w/spark-ign. IC recip. piston engine, w/cyl capacity >1, 500cc but <=3, 000cc                           |
| 87032401 ..... | Motor vehicles to transport persons, w/spark-ign. IC recip. piston engine, w/cyl capacity >3, 000cc                                          |
| 87033101 ..... | Motor vehicles to transport persons, w/diesel engines, of a cylinder capacity <= 1, 500cc                                                    |
| 87033201 ..... | Motor vehicles to transport persons, w/diesel engines, of a cylinder capacity > 1, 500cc but <= 2, 500cc                                     |
| 87033301 ..... | Motor vehicles to transport persons, w/diesel engines, of a cylinder capacity > 2, 500cc                                                     |
| 87034000 ..... | Motor vehicles to transport persons, w/spark-ign. IC recip. piston engine & elec motor incapable of charge by plug to external source        |
| 87035000 ..... | Motor vehicles to transport persons, w/diesel engine & elec motor incapable of charge by plug to external source                             |
| 87036000 ..... | Motor vehicles to transport persons, w/spark-ign. IC recip. piston engine & elec motor capable of charge by plug to external source          |
| 87037000 ..... | Motor vehicles to transport persons, w/diesel engine & elec motor capable of charge by plug to external source                               |
| 87038000 ..... | Motor vehicles to transport persons, w/electric motor for propulsion                                                                         |
| 87039001 ..... | Motor vehicles to transport persons, nesoi                                                                                                   |
| 87041010 ..... | Mtr. vehicles for transport of goods, cab chassis for dumpers designed for off-highway use                                                   |
| 87041050 ..... | Mtr. vehicles for transport of goods, complete dumpers designed for off-highway use                                                          |
| 87042100 ..... | Mtr. vehicles for transport of goods, w/compress.-ign. int. combust. recip. piston engine, w/G.V.W. not over 5 metric tons                   |
| 87042210 ..... | Mtr. vehicles for transport of goods, cab chassis, w/compress.-ign. int. combust. recip. piston engine, w/G.V.W. o/5 but n/o 20 metric tons  |
| 87042250 ..... | Mtr. vehicl. for transport of goods (o/than cab chassis), w/compress.-ign. int. combust. recip. piston engine, w/G.V.W. o/5 but n/o 20 mtons |
| 87042300 ..... | Mtr. vehicles for transport of goods, w/compress.-ign. int. combust. recip. piston engine, w/G.V.W. over 20 metric tons                      |

| HTS subheading | Product Description                                                                                                               |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------|
| 87043100 ..... | Mtr. vehicles for transport of goods, w/spark.-ign. int. combust. recip. piston engine, w/G.V.W. not over 5 metric tons           |
| 87043200 ..... | Mtr. vehicles for transport of goods, w/spark.-ign. int. combust. recip. piston engine, w/G.V.W. over 5 metric tons               |
| 87053000 ..... | Mtr. vehicles (o/than for transport of persons or of goods), fire fighting vehicles                                               |
| 87054000 ..... | Mtr. vehicles (o/than for transport of persons or of goods), concrete mixers                                                      |
| 87060025 ..... | Chassis fitted w/engines, for mtr. vehicles of heading 8705                                                                       |
| 87060030 ..... | Chassis fitted w/engines, for tractors suitable for agricultural use                                                              |
| 87091100 ..... | Electrical, self-propelled, works trucks, not fitted w/lift. equip. and tractors of type used on railway station platforms        |
| 87091900 ..... | Non-electrical, self-propelled, works trucks, not fitted w/lift. equip. and tractors of type used on railway station platforms    |
| 87099000 ..... | Parts of self-propelled works trucks, not fitted w/lift. equip. and tractors of the type used on railway station platforms        |
| 87112000 ..... | Motorcycles (incl. mopeds) and cycles, fitted w/recip. internal-combustion piston engine w/capacity o/50 but n/o 250 cc           |
| 87113000 ..... | Motorcycles (incl. mopeds) and cycles, fitted w/recip. internal-combustion piston engine w/capacity o/250 but n/o 500 cc          |
| 87114030 ..... | Motorcycles (incl. mopeds) and cycles, fitted w/recip. internal-combustion piston engine w/capacity o/500 cc but n/o 700 cc       |
| 87114060 ..... | Motorcycles (incl. mopeds) and cycles, fitted w/recip. internal-combustion piston engine w/capacity o/700 cc but n/o 800 cc       |
| 87115000 ..... | Motorcycles (incl. mopeds) and cycles, fitted w/recip. internal-combustion piston engine w/capacity o/800 cc                      |
| 87141000 ..... | Pts. & access. for motorcycles (including mopeds)                                                                                 |
| 88010000 ..... | Balloons, dirigibles and non-powered aircraft, gliders and hang gliders                                                           |
| 88021100 ..... | Helicopters, with an unladen weight not over 2,000 kg                                                                             |
| 88021200 ..... | Helicopters, with an unladen weight over 2,000 kg                                                                                 |
| 88022000 ..... | Airplanes and other powered aircraft, nesoi, with an unladen weight not over 2,000 kg                                             |
| 88023000 ..... | Airplanes and other powered aircraft, nesoi, with an unladen weight over 2,000 kg but not over 15,000 kg                          |
| 88024000 ..... | Airplanes and other powered aircraft, nesoi, with an unladen weight over 15,000 kg                                                |
| 88026030 ..... | Communication satellites                                                                                                          |
| 88026090 ..... | Spacecraft, including satellites (o/than communication satellites), and suborbital and spacecraft launch vehicles                 |
| 88031000 ..... | Parts of airplanes and other aircraft, propellers and rotors and parts thereof                                                    |
| 88032000 ..... | Parts of airplanes and other aircraft, undercarriages and parts thereof                                                           |
| 88033000 ..... | Parts of airplanes and helicopters, nesoi                                                                                         |
| 88039030 ..... | Parts of communication satellites                                                                                                 |
| 88039090 ..... | Parts of aircraft (o/than airplanes and helicopters), spacecraft (o/than comm. satell.) and suborbital and launch vehicles, nesoi |
| 88051000 ..... | Aircraft launching gear and parts thereof; deck-arrestors or similar gear and parts thereof                                       |
| 88052100 ..... | Air combat ground flying simulators and parts thereof                                                                             |
| 88052900 ..... | Ground flying trainers and parts thereof, other than air combat simulators                                                        |

| HTS subheading | Product Description                                                                                                                         |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| 89011000 ..... | Vessels, designed for the transport of persons, cruise ships, excursion boats and similar vessels; ferry boats of all kinds                 |
| 89012000 ..... | Vessels, designed for the transport of goods, tankers                                                                                       |
| 89019000 ..... | Vessels, designed for the transport of goods or for the transport of both persons and goods, nesoi                                          |
| 89020000 ..... | Vessels, fishing; factory ships and other vessels for processing or preserving fishery products                                             |
| 89040000 ..... | Vessels, tugs and pusher craft                                                                                                              |
| 89051000 ..... | Vessels, dredgers                                                                                                                           |
| 89052000 ..... | Floating or submersible drilling or production platforms                                                                                    |
| 89059050 ..... | Vessels, light-vessels, fire-floats, floating cranes, & other vessels nesoi, the navigability of which is subsidiary to their main function |
| 89069000 ..... | Vessels (including lifeboats other than row boats), nesoi                                                                                   |
| 89079000 ..... | Floating structures nesoi (for example, rafts, other than inflatable rafts, tanks, cofferdams, landing stages, buoys and beacons)           |
| 89080000 ..... | Vessels and other floating structures for breaking up (scrapping)                                                                           |
| 90029020 ..... | Prisms, mounted, for optical uses                                                                                                           |
| 90029040 ..... | Mirrors, mounted, for optical uses                                                                                                          |
| 90029070 ..... | Half-tone screens, mounted, designed for use in engraving or photographic processes                                                         |
| 90029095 ..... | Mounted optical elements, nesi; parts and accessories of mounted optical elements, nesi                                                     |
| 90079140 ..... | Parts for cinematographic cameras                                                                                                           |
| 90079180 ..... | Accessories for cinematographic cameras                                                                                                     |
| 90111040 ..... | Stereoscopic microscopes, provided with a means for photographing the image                                                                 |
| 90111080 ..... | Stereoscopic microscopes, other than those provided with a means for photographing the image                                                |
| 90112040 ..... | Microscopes for microphotography, microcinematography or microprojection, provided with a means for photographing the image                 |
| 90119000 ..... | Parts and accessories for compound optical microscopes, including those for microphotography, microcinematography or microprojection        |
| 90121000 ..... | Microscopes other than optical microscopes; diffraction apparatus                                                                           |
| 90129000 ..... | Parts and accessories for microscopes other than optical microscopes, and for diffraction apparatus                                         |
| 90131010 ..... | Telescopic sights for rifles not designed for use with infrared light                                                                       |
| 90131045 ..... | Telescopes as parts of machines, appliances, etc. of chapter 90 or section XVI                                                              |
| 90131050 ..... | Other telescopic sights for arms other than rifles; periscopes                                                                              |
| 90132000 ..... | Lasers, other than laser diodes                                                                                                             |
| 90138070 ..... | Liquid crystal and other optical flat panel displays other than for articles of heading 8528, nesoi                                         |
| 90141060 ..... | Gyroscopic directing finding compasses, other than electrical                                                                               |
| 90141070 ..... | Electrical direction finding compasses                                                                                                      |
| 90142020 ..... | Optical instruments and appliances (other than compasses) for aeronautical or space navigation                                              |
| 90142040 ..... | Automatic pilots for aeronautical or space navigation                                                                                       |

| HTS subheading | Product Description                                                                                                                        |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| 90142060 ..... | Electrical instruments and appliances (other than compasses) for aeronautical or space navigation                                          |
| 90142080 ..... | Nonelectrical instruments and appliances (other than compasses) for aeronautical or space navigation                                       |
| 90148010 ..... | Optical navigational instruments, nesi                                                                                                     |
| 90148020 ..... | Ships' logs and depth-sounding apparatus                                                                                                   |
| 90148040 ..... | Electrical navigational instruments and appliances, nesi                                                                                   |
| 90148050 ..... | Nonelectrical navigational instruments and appliances, nesi                                                                                |
| 90149010 ..... | Parts and accessories of automatic pilots for aeronautical or space navigation of subheading 9014.20.40                                    |
| 90149020 ..... | Parts and accessories of nonelectrical instruments and appliances for aeronautical or space navigation of subheading 9014.20.80            |
| 90149040 ..... | Parts and accessories of nonelectrical navigational instruments and appliances nesi of subheading 9014.80.50                               |
| 90149060 ..... | Parts and accessories of navigational instruments and appliances, nesi                                                                     |
| 90151080 ..... | Rangefinders, other than electrical                                                                                                        |
| 90152040 ..... | Electrical theodolites and tachymeters                                                                                                     |
| 90152080 ..... | Theodolites and tachymeters, other than electrical                                                                                         |
| 90154040 ..... | Electrical photogrammetrical surveying instruments and appliances                                                                          |
| 90154080 ..... | Photogrammetrical surveying instruments and appliances, other than electrical                                                              |
| 90158020 ..... | Optical surveying, hydrographic, oceanographic, hydrological, meteorological or geophysical instruments and appliances, nesi               |
| 90158060 ..... | Seismographs                                                                                                                               |
| 90158080 ..... | Surveying, hydrographic, oceanographic, hydrological, meteorological or geophysical instruments and appliances, nesi, nonoptical           |
| 90181130 ..... | Electrocardiographs                                                                                                                        |
| 90181160 ..... | Printed circuit assemblies for electrocardiographs                                                                                         |
| 90181190 ..... | Parts and accessories of electrocardiographs, other than printed circuit assemblies                                                        |
| 90181200 ..... | Ultrasonic scanning electro-diagnostic apparatus used in medical, surgical, dental or veterinary sciences                                  |
| 90181300 ..... | Magnetic resonance imaging electro-diagnostic apparatus used in medical, surgical, dental or veterinary sciences                           |
| 90181400 ..... | Scintigraphic electro-diagnostic apparatus used in medical, surgical, dental or veterinary sciences                                        |
| 90181940 ..... | Electro-diagnostic apparatus for functional exploratory examination, and parts and accessories thereof                                     |
| 90181955 ..... | Electro-diagnostic patient monitoring systems                                                                                              |
| 90181975 ..... | Printed circuit assemblies for electro-diagnostic parameter acquisition modules                                                            |
| 90181995 ..... | Electro-diagnostic apparatus nesi, and parts and accessories thereof nesi                                                                  |
| 90182000 ..... | Ultraviolet or infrared ray apparatus used in medical, surgical, dental or veterinary sciences, and parts and accessories thereof          |
| 90183100 ..... | Syringes, with or without their needles; parts and accessories thereof                                                                     |
| 90183200 ..... | Tubular metal needles and needles for sutures, used in medical, surgical, dental or veterinary sciences, and parts and accessories thereof |

| HTS subheading | Product Description                                                                                                                     |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| 90183900 ..... | Catheters, cannulae and the like nesi, used in medical, surgical, dental or veterinary sciences, and parts and accessories thereof      |
| 90184100 ..... | Dental drill engines, whether or not combined on a single base with other dental equipment, and parts and accessories thereof           |
| 90184940 ..... | Dental burs                                                                                                                             |
| 90184980 ..... | Instruments and apparatus used in dental sciences, nesi, and parts and accessories thereof                                              |
| 90185000 ..... | Ophthalmic instruments and appliances nesi, and parts and accessories thereof                                                           |
| 90189010 ..... | Mirrors and reflectors used in medical, surgical, dental or veterinary sciences, and parts and accessories thereof                      |
| 90189020 ..... | Optical instruments and appliances nesi, used in medical, surgical, dental or veterinary sciences, and parts and accessories thereof    |
| 90189030 ..... | Anesthetic instruments and appliances nesi, used in medical, surgical, dental or veterinary sciences, and parts and accessories thereof |
| 90189060 ..... | Electro-surgical instruments and appliances nesi, other than extracorporeal shock wave lithotripters and parts and accessories thereof  |
| 90189064 ..... | Defibrillators                                                                                                                          |
| 90189068 ..... | Printed circuit assemblies for defibrillators                                                                                           |
| 90189075 ..... | Electro-medical instruments and appliances nesi, and parts and accessories thereof                                                      |
| 90189080 ..... | Instruments and appliances used in medical, surgical, dental or veterinary sciences, nesi, and parts and accessories thereof            |
| 90191060 ..... | Psychological aptitude testing apparatus, other than electrical, and parts and accessories thereof                                      |
| 90192000 ..... | Ozone, oxygen and aerosol therapy, artificial respiration or other therapeutic respiration apparatus, and parts and accessories thereof |
| 90211000 ..... | Orthopedic or fracture appliances, and parts and accessories thereof                                                                    |
| 90212140 ..... | Artificial teeth and parts and accessories thereof, of plastics                                                                         |
| 90212940 ..... | Dental fittings and parts and accessories thereof, of plastics                                                                          |
| 90212980 ..... | Dental fittings and parts and accessories thereof, other than of plastics                                                               |
| 90213100 ..... | Artificial joints and parts and accessories thereof                                                                                     |
| 90213900 ..... | Artificial parts of the body (other than artificial joints) and parts and accessories thereof, nesi                                     |
| 90214000 ..... | Hearing aids, excluding parts and accessories thereof                                                                                   |
| 90215000 ..... | Pacemakers for stimulating heart muscles, excluding parts and accessories thereof                                                       |
| 90221200 ..... | Computed tomography apparatus based on the use of X-rays                                                                                |
| 90221300 ..... | Apparatus based on the use of X-rays for dental uses (other than computed tomography apparatus)                                         |
| 90221400 ..... | Apparatus based on the use of X-rays for medical, surgical or veterinary uses (other than computed tomography apparatus)                |
| 90221900 ..... | Apparatus based on the use of X-rays other than for medical, surgical, dental or veterinary use                                         |
| 90222100 ..... | Apparatus based on the use of alpha, beta or gamma radiations, for medical, surgical, dental or veterinary use                          |
| 90222980 ..... | Apparatus based on the use of alpha, beta or gamma radiations, other than for medical, surgical, dental or veterinary use, nesi         |

| HTS subheading | Product Description                                                                                                                    |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------|
| 90223000 ..... | X-ray tubes                                                                                                                            |
| 90229005 ..... | Radiation generator units                                                                                                              |
| 90229015 ..... | Radiation beam delivery units                                                                                                          |
| 90229025 ..... | X-ray generators, high tension generators, desks, screens, examination or treatment tables, chairs and similar apparatus, nesi         |
| 90229040 ..... | Parts and accessories of X-ray tubes                                                                                                   |
| 90229060 ..... | Parts and accessories of apparatus based on the use of X-rays                                                                          |
| 90229095 ..... | Parts and accessories of apparatus based on the use of alpha, beta or gamma radiations                                                 |
| 90241000 ..... | Machines and appliances for testing the mechanical properties of metals                                                                |
| 90248000 ..... | Machines and appliances for testing the mechanical properties of materials other than metals                                           |
| 90249000 ..... | Parts and accessories of machines and appliances for testing the hardness, strength, compressibility, or other properties of materials |
| 90251120 ..... | Clinical thermometers, liquid-filled, for direct reading, not combined with other instruments                                          |
| 90258015 ..... | Nonelectrical barometers, not combined with other instruments                                                                          |
| 90258035 ..... | Hygrometers and psychrometers, non-electrical, non-recording                                                                           |
| 90258040 ..... | Thermographs, barographs, hygrographs and other recording instruments, other than electrical                                           |
| 90258050 ..... | Combinations of thermometers, barometers and similar temperature and atmosphere measuring and recording instruments, nonelectrical     |
| 90261020 ..... | Electrical instruments and apparatus for measuring or checking the flow or level of liquids                                            |
| 90261040 ..... | Flow meters, other than electrical, for measuring or checking the flow of liquids                                                      |
| 90261060 ..... | Instruments and apparatus for measuring or checking the level of liquids, other than flow meters, non-electrical                       |
| 90262040 ..... | Electrical instruments and apparatus for measuring or checking the pressure of liquids or gases                                        |
| 90262080 ..... | Instruments and apparatus, other than electrical, for measuring or checking the pressure of liquids or gases                           |
| 90268020 ..... | Electrical instruments and apparatus for measuring or checking variables of liquids or gases, nesi                                     |
| 90268060 ..... | Nonelectrical instruments and apparatus for measuring or checking variables of liquids or gases, nesi                                  |
| 90269020 ..... | Parts and accessories of electrical instruments and apparatus for measuring or checking variables of liquids or gases                  |
| 90269040 ..... | Parts and accessories of nonelectrical flow meters, heat meters incorporating liquid supply meters and anemometers                     |
| 90269060 ..... | Parts and accessories of nonelectrical instruments and apparatus for measuring or checking variables of liquids or gases, nesi         |
| 90272050 ..... | Electrical chromatographs and electrical electrophoresis instruments                                                                   |
| 90272080 ..... | Nonelectrical chromatographs                                                                                                           |
| 90273040 ..... | Electrical spectrometers, spectrophotometers and spectrographs using optical radiations (ultraviolet, visible, infrared)               |

| HTS subheading | Product Description                                                                                                                           |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| 90273080 ..... | Nonelectrical spectrometers, spectrophotometers and spectrographs using optical radiations (ultraviolet, visible, infrared)                   |
| 90275010 ..... | Exposure meters                                                                                                                               |
| 90275040 ..... | Electrical instruments and apparatus using optical radiations (ultraviolet, visible, infrared), nesi                                          |
| 90275080 ..... | Nonelectrical instruments and apparatus using optical radiations (ultraviolet, visible, infrared), nesi                                       |
| 90278025 ..... | Nuclear magnetic resonance instruments                                                                                                        |
| 90278045 ..... | Electrical instruments and apparatus for physical or chemical analysis, measuring viscosity, checking heat, sound, light, etc., nesi          |
| 90278080 ..... | Nonelectrical instruments and apparatus for physical or chemical analysis, measuring viscosity, checking heat, sound or light, nesi           |
| 90279045 ..... | Printed circuit assemblies for instruments and apparatus of subheading 9027.80                                                                |
| 90279054 ..... | Parts and accessories of electrophoresis instruments not incorporating an optical or other measuring device                                   |
| 90279056 ..... | Parts and accessories of electrical instruments and apparatus of subheading 9027.20, 9027.30, 9027.50 or 9027.80                              |
| 90279059 ..... | Other parts and accessories of other electrical instruments and apparatus of heading 9027, nesoi                                              |
| 90279064 ..... | Parts and accessories of nonelectrical optical instruments and apparatus of subheading 9027.20, 9027.30, 9027.40, 9027.50 or 9027.80          |
| 90279084 ..... | Parts and accessories of nonelectrical nonoptical instruments and apparatus of heading 9027.20, 9027.30, 9027.40, 9027.50 or 9027.80          |
| 90279088 ..... | Parts and accessories of nonelectrical instruments and apparatus of heading 9027, nesoi                                                       |
| 90289000 ..... | Parts and accessories for gas, liquid or electricity supply or production meters                                                              |
| 90299060 ..... | Parts and accessories of stroboscopes                                                                                                         |
| 90301000 ..... | Instruments and apparatus for measuring or detecting ionizing radiations                                                                      |
| 90302005 ..... | Oscilloscopes and oscillographs, specially designed for telecommunications                                                                    |
| 90303334 ..... | Resistance measuring instruments                                                                                                              |
| 90303338 ..... | Other instruments and apparatus, nesi, for measuring or checking electrical voltage, current, resistance or power, without a recording device |
| 90303901 ..... | Instruments and apparatus, nesi, for measuring or checking electrical voltage, current, resistance or power, with a recording device          |
| 90304000 ..... | Instruments and apparatus specially designed for telecommunications                                                                           |
| 90308200 ..... | Instruments and apparatus for measuring or checking electrical quantities, nesoi: for measuring or checking semiconductor wafers or devices   |
| 90309025 ..... | Printed circuit assemblies for instruments and apparatus for measuring or detecting ionizing radiation                                        |
| 90309046 ..... | Parts and accessories for instruments and apparatus for measuring or detecting ionizing radiation, nesi                                       |
| 90309066 ..... | Printed circuit assemblies for subheadings and apparatus of 9030.40 & 9030.82                                                                 |
| 90309068 ..... | Printed circuit assemblies, NESOI                                                                                                             |
| 90309084 ..... | Parts and accessories for instruments and apparatus for measuring or checking semiconductor wafers or devices, nesoi                          |



| HTS subheading | Product Description                                                                                                                          |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| 90309089 ..... | Parts and accessories for articles of subheadings 9030.20 to 9030.40, 9030.83 and 9030.89, nesoi                                             |
| 90311000 ..... | Machines for balancing mechanical parts                                                                                                      |
| 90312000 ..... | Test benches                                                                                                                                 |
| 90314100 ..... | Optical measuring/checking instruments/appliances for inspecting semiconductor wafers/devices or photomasks/reticle used to mfg such devices |
| 90314910 ..... | Profile projectors                                                                                                                           |
| 90314940 ..... | Optical coordinate-measuring machines, nesoi                                                                                                 |
| 90314970 ..... | Optical instrument & appliance: to inspect masks (not photomask) used to mfg semiconductor devices; to measure contamination on such devices |
| 90314990 ..... | Other optical measuring or checking instruments, appliances and machines, nesoi                                                              |
| 90318040 ..... | Electron beam microscopes fitted with equipment specifically designed for the handling and transport of semiconductor devices or reticles    |
| 90318080 ..... | Measuring and checking instruments, appliances and machines, nesoi                                                                           |
| 90319021 ..... | Parts and accessories of profile projectors                                                                                                  |
| 90319054 ..... | Parts & accessories of measuring & checking optical instruments & appliances of subheading 9031.41 or 9031.49.70                             |
| 90319059 ..... | Parts & accessories of measuring & checking optical instruments & appliances, other than test benches or profile projectors, nesoi           |
| 90319070 ..... | Parts and accessories of articles of subheading 9031.80.40                                                                                   |
| 90319091 ..... | Parts and accessories of measuring or checking instruments, appliances and machines, nesoi                                                   |
| 90321000 ..... | Automatic thermostats                                                                                                                        |
| 90322000 ..... | Automatic manostats                                                                                                                          |
| 90328100 ..... | Hydraulic and pneumatic automatic regulating or controlling instruments and apparatus                                                        |
| 90328920 ..... | Automatic voltage and voltage-current regulators, designed for use in a 6, 12, or 24 V system                                                |
| 90328940 ..... | Automatic voltage and voltage-current regulators, not designed for use in a 6, 12, or 24 V system                                            |
| 90328960 ..... | Automatic regulating or controlling instruments and apparatus, nesi                                                                          |
| 90329021 ..... | Parts and accessories of automatic voltage and voltage-current regulators designed for use in a 6, 12, or 24 V system, nesi                  |
| 90329041 ..... | Parts and accessories of automatic voltage and voltage-current regulators, not designed for use in a 6, 12, or 24 V system, nesi             |
| 90329061 ..... | Parts and accessories for automatic regulating or controlling instruments and apparatus, nesi                                                |
| 90330020 ..... | LEDs for backlighting of LCDs                                                                                                                |
| 90330030 ..... | Touch screens without display capabilities for incorporation in apparatus having a display                                                   |
| 90330090 ..... | Other parts and accessories for machines, appliances, instruments or apparatus of chapter 90, nesi                                           |
| 91040060 ..... | Instrument panel clocks for vehicles, air/spacecraft or vessels, w/clock or watch movement < 50 mm wide, nonelectric                         |
| 93011000 ..... | Artillery weapons (for example, guns, howitzers, and mortars)                                                                                |

| <b>HTS subheading</b> | <b>Product Description</b>                                                                                                               |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| 93012000 .....        | Rocket launchers; flame-throwers; grenade launchers; torpedo tubes and similar projectors                                                |
| 93019030 .....        | Rifles, military                                                                                                                         |
| 93019060 .....        | Shotguns, military                                                                                                                       |
| 93019090 .....        | Military weapons, nesoi                                                                                                                  |
| 93040040 .....        | Pistols & other guns (o/than rifles) that eject missiles by release of comp. air or gas, a spring mechanism or rubber held under tension |
| 93051020 .....        | Parts and accessories nesoi, for revolvers or pistols of heading 9302                                                                    |
| 93051040 .....        | Parts and accessories nesoi, for revolvers or pistols designed to fire only blank cartridges or blank ammunition                         |
| 93051060 .....        | Parts and accessories nesoi, for muzzle-loading revolvers and pistols                                                                    |
| 93051080 .....        | Parts and accessories nesoi, for revolvers or pistols nesoi                                                                              |
| 93059940 .....        | Parts and accessories for articles of heading 9303 other than shotguns or rifles                                                         |
| 93059960 .....        | Parts and accessories for articles of headings 9301 to 9304, nesoi                                                                       |
| 93063041 .....        | Cartridges nesoi and empty cartridge shells                                                                                              |
| 93063080 .....        | Parts of cartridges nesoi                                                                                                                |
| 93069000 .....        | Bombs, grenades, torpedoes, mines, missiles and similar munitions of war and pts thereof; other ammunition projectiles & pts. thereof    |
| 94011040 .....        | Seats, of a kind used for aircraft, leather upholstered                                                                                  |
| 94011080 .....        | Seats, of a kind used for aircraft (o/than leather upholstered)                                                                          |
| 94019010 .....        | Parts of seats nesoi, for seats of a kind used for motor vehicles                                                                        |
| 94019015 .....        | Parts of seats nesoi, for bent-wood seats                                                                                                |
| 94019025 .....        | Parts of seats (o/than of 9402) nesoi, of cane, osier, bamboo or similar materials                                                       |

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