

SCHEDULE 6. - METALS AND METAL PRODUCTS

<p>1. <i>(Faint text, likely a list of items)</i></p> <p>2. <i>(Faint text)</i></p> <p>3. <i>(Faint text)</i></p> <p>4. <i>(Faint text)</i></p> <p>5. <i>(Faint text)</i></p> <p>6. <i>(Faint text)</i></p> <p>7. <i>(Faint text)</i></p> <p>8. <i>(Faint text)</i></p> <p>9. <i>(Faint text)</i></p> <p>10. <i>(Faint text)</i></p> <p>11. <i>(Faint text)</i></p> <p>12. <i>(Faint text)</i></p> <p>13. <i>(Faint text)</i></p> <p>14. <i>(Faint text)</i></p> <p>15. <i>(Faint text)</i></p> <p>16. <i>(Faint text)</i></p> <p>17. <i>(Faint text)</i></p> <p>18. <i>(Faint text)</i></p> <p>19. <i>(Faint text)</i></p> <p>20. <i>(Faint text)</i></p> <p>21. <i>(Faint text)</i></p> <p>22. <i>(Faint text)</i></p> <p>23. <i>(Faint text)</i></p> <p>24. <i>(Faint text)</i></p> <p>25. <i>(Faint text)</i></p> <p>26. <i>(Faint text)</i></p> <p>27. <i>(Faint text)</i></p> <p>28. <i>(Faint text)</i></p> <p>29. <i>(Faint text)</i></p> <p>30. <i>(Faint text)</i></p> <p>31. <i>(Faint text)</i></p> <p>32. <i>(Faint text)</i></p> <p>33. <i>(Faint text)</i></p> <p>34. <i>(Faint text)</i></p> <p>35. <i>(Faint text)</i></p> <p>36. <i>(Faint text)</i></p> <p>37. <i>(Faint text)</i></p> <p>38. <i>(Faint text)</i></p> <p>39. <i>(Faint text)</i></p> <p>40. <i>(Faint text)</i></p> <p>41. <i>(Faint text)</i></p> <p>42. <i>(Faint text)</i></p> <p>43. <i>(Faint text)</i></p> <p>44. <i>(Faint text)</i></p> <p>45. <i>(Faint text)</i></p> <p>46. <i>(Faint text)</i></p> <p>47. <i>(Faint text)</i></p> <p>48. <i>(Faint text)</i></p> <p>49. <i>(Faint text)</i></p> <p>50. <i>(Faint text)</i></p> <p>51. <i>(Faint text)</i></p> <p>52. <i>(Faint text)</i></p> <p>53. <i>(Faint text)</i></p> <p>54. <i>(Faint text)</i></p> <p>55. <i>(Faint text)</i></p> <p>56. <i>(Faint text)</i></p> <p>57. <i>(Faint text)</i></p> <p>58. <i>(Faint text)</i></p> <p>59. <i>(Faint text)</i></p> <p>60. <i>(Faint text)</i></p> <p>61. <i>(Faint text)</i></p> <p>62. <i>(Faint text)</i></p> <p>63. <i>(Faint text)</i></p> <p>64. <i>(Faint text)</i></p> <p>65. <i>(Faint text)</i></p> <p>66. <i>(Faint text)</i></p> <p>67. <i>(Faint text)</i></p> <p>68. <i>(Faint text)</i></p> <p>69. <i>(Faint text)</i></p> <p>70. <i>(Faint text)</i></p> <p>71. <i>(Faint text)</i></p> <p>72. <i>(Faint text)</i></p> <p>73. <i>(Faint text)</i></p> <p>74. <i>(Faint text)</i></p> <p>75. <i>(Faint text)</i></p> <p>76. <i>(Faint text)</i></p> <p>77. <i>(Faint text)</i></p> <p>78. <i>(Faint text)</i></p> <p>79. <i>(Faint text)</i></p> <p>80. <i>(Faint text)</i></p> <p>81. <i>(Faint text)</i></p> <p>82. <i>(Faint text)</i></p> <p>83. <i>(Faint text)</i></p> <p>84. <i>(Faint text)</i></p> <p>85. <i>(Faint text)</i></p> <p>86. <i>(Faint text)</i></p> <p>87. <i>(Faint text)</i></p> <p>88. <i>(Faint text)</i></p> <p>89. <i>(Faint text)</i></p> <p>90. <i>(Faint text)</i></p> <p>91. <i>(Faint text)</i></p> <p>92. <i>(Faint text)</i></p> <p>93. <i>(Faint text)</i></p> <p>94. <i>(Faint text)</i></p> <p>95. <i>(Faint text)</i></p> <p>96. <i>(Faint text)</i></p> <p>97. <i>(Faint text)</i></p> <p>98. <i>(Faint text)</i></p> <p>99. <i>(Faint text)</i></p> <p>100. <i>(Faint text)</i></p>	<p>1. <i>(Faint text)</i></p> <p>2. <i>(Faint text)</i></p> <p>3. <i>(Faint text)</i></p> <p>4. <i>(Faint text)</i></p> <p>5. <i>(Faint text)</i></p> <p>6. <i>(Faint text)</i></p> <p>7. <i>(Faint text)</i></p> <p>8. <i>(Faint text)</i></p> <p>9. <i>(Faint text)</i></p> <p>10. <i>(Faint text)</i></p> <p>11. <i>(Faint text)</i></p> <p>12. <i>(Faint text)</i></p> <p>13. <i>(Faint text)</i></p> <p>14. <i>(Faint text)</i></p> <p>15. <i>(Faint text)</i></p> <p>16. <i>(Faint text)</i></p> <p>17. <i>(Faint text)</i></p> <p>18. <i>(Faint text)</i></p> <p>19. <i>(Faint text)</i></p> <p>20. <i>(Faint text)</i></p> <p>21. <i>(Faint text)</i></p> <p>22. <i>(Faint text)</i></p> <p>23. <i>(Faint text)</i></p> <p>24. <i>(Faint text)</i></p> <p>25. <i>(Faint text)</i></p> <p>26. <i>(Faint text)</i></p> <p>27. <i>(Faint text)</i></p> <p>28. <i>(Faint text)</i></p> <p>29. <i>(Faint text)</i></p> <p>30. <i>(Faint text)</i></p> <p>31. <i>(Faint text)</i></p> <p>32. <i>(Faint text)</i></p> <p>33. <i>(Faint text)</i></p> <p>34. <i>(Faint text)</i></p> <p>35. <i>(Faint text)</i></p> <p>36. <i>(Faint text)</i></p> <p>37. <i>(Faint text)</i></p> <p>38. <i>(Faint text)</i></p> <p>39. <i>(Faint text)</i></p> <p>40. <i>(Faint text)</i></p> <p>41. <i>(Faint text)</i></p> <p>42. <i>(Faint text)</i></p> <p>43. <i>(Faint text)</i></p> <p>44. <i>(Faint text)</i></p> <p>45. <i>(Faint text)</i></p> <p>46. <i>(Faint text)</i></p> <p>47. <i>(Faint text)</i></p> <p>48. <i>(Faint text)</i></p> <p>49. <i>(Faint text)</i></p> <p>50. <i>(Faint text)</i></p> <p>51. <i>(Faint text)</i></p> <p>52. <i>(Faint text)</i></p> <p>53. <i>(Faint text)</i></p> <p>54. <i>(Faint text)</i></p> <p>55. <i>(Faint text)</i></p> <p>56. <i>(Faint text)</i></p> <p>57. <i>(Faint text)</i></p> <p>58. <i>(Faint text)</i></p> <p>59. <i>(Faint text)</i></p> <p>60. <i>(Faint text)</i></p> <p>61. <i>(Faint text)</i></p> <p>62. <i>(Faint text)</i></p> <p>63. <i>(Faint text)</i></p> <p>64. <i>(Faint text)</i></p> <p>65. <i>(Faint text)</i></p> <p>66. <i>(Faint text)</i></p> <p>67. <i>(Faint text)</i></p> <p>68. <i>(Faint text)</i></p> <p>69. <i>(Faint text)</i></p> <p>70. <i>(Faint text)</i></p> <p>71. <i>(Faint text)</i></p> <p>72. <i>(Faint text)</i></p> <p>73. <i>(Faint text)</i></p> <p>74. <i>(Faint text)</i></p> <p>75. <i>(Faint text)</i></p> <p>76. <i>(Faint text)</i></p> <p>77. <i>(Faint text)</i></p> <p>78. <i>(Faint text)</i></p> <p>79. <i>(Faint text)</i></p> <p>80. <i>(Faint text)</i></p> <p>81. <i>(Faint text)</i></p> <p>82. <i>(Faint text)</i></p> <p>83. <i>(Faint text)</i></p> <p>84. <i>(Faint text)</i></p> <p>85. <i>(Faint text)</i></p> <p>86. <i>(Faint text)</i></p> <p>87. <i>(Faint text)</i></p> <p>88. <i>(Faint text)</i></p> <p>89. <i>(Faint text)</i></p> <p>90. <i>(Faint text)</i></p> <p>91. <i>(Faint text)</i></p> <p>92. <i>(Faint text)</i></p> <p>93. <i>(Faint text)</i></p> <p>94. <i>(Faint text)</i></p> <p>95. <i>(Faint text)</i></p> <p>96. <i>(Faint text)</i></p> <p>97. <i>(Faint text)</i></p> <p>98. <i>(Faint text)</i></p> <p>99. <i>(Faint text)</i></p> <p>100. <i>(Faint text)</i></p>

SCHEDULE 6. - METALS AND METAL PRODUCTS

252

Part 1 - Metal-Bearing Ores and Other Metal-Bearing Materials

Part 2 - Metals, Their Alloys, and Their Basic Shapes and Forms

- A. Precious Metals
- B. Iron or Steel
- C. Copper
- D. Aluminum
- E. Nickel
- F. Tin
- G. Lead
- H. Zinc
- J. Beryllium, Columbium, Germanium, Hafnium, Indium, Magnesium, Molybdenum, Rhenium, Tantalum, Titanium, Tungsten, Uranium, and Zirconium
- K. Other Base Metals

Part 3 - Metal Products

- A. Metallic Containers
- B. Wire Cordage; Wire Screen, Netting and Fencing; Bale Ties
- C. Metal Leaf and Foil; Metallics
- D. Nails, Screws, Bolts, and Other Fasteners; Locks, Builders' Hardware; Furniture, Luggage, and Saddlery Hardware
- E. Tools, Cutlery, Forks and Spoons
- F. Miscellaneous Metal Products
- G. Metal Products Not Specially Provided For

Part 4 - Machinery and Mechanical Equipment

- A. Boilers, Non-Electric Motors and Engines, and Other General-Purpose Machinery
- B. Elevators, Winches, Cranes, and Related Machinery; Earth-Moving and Mining Machinery
- C. Agricultural and Horticultural Machinery; Machinery for Preparing Food and Drink
- D. Pulp and Paper Machinery; Bookbinding Machinery; Printing Machinery
- E. Textile Machines; Laundry and Dry Cleaning Machines; Sewing Machines
- F. Machines for Working Metal, Stone, and Other Materials
- G. Office Machines
- H. Other Machines
- J. Parts of Machines

Part 5 - Electrical Machinery and Equipment

Part 6 - Transportation Equipment

- A. Rail Locomotives and Rolling Stock
- B. Motor Vehicles
- C. Aircraft and Spacecraft
- D. Pleasure Boats; Floating Structures

Schedule 6 headnotes:

1. This schedule does not cover —

- (i) chemical elements (except thorium and uranium) and isotopes which are usefully radioactive (see part 13B of schedule 4);
- (ii) the alkali metals, i.e., cesium, lithium, potassium, rubidium, and sodium (see part 2A of schedule 4); or
- (iii) certain articles and parts thereof, of metal, provided for in schedule 7 and elsewhere.

2. For the purposes of the tariff schedules, unless the context requires otherwise —

(a) the term "precious metal," embraces gold, silver, platinum and other metals of the platinum group (iridium, osmium, palladium, rhodium, and ruthenium), and precious-metal alloys;

(b) the term "base metal," embraces aluminum, antimony, arsenic, barium, beryllium, bismuth, boron, cadmium, calcium, chromium, cobalt, columbium, copper, gallium, germanium, hafnium, indium, iron, lead, magnesium, manganese, mercury, molybdenum, nickel, rhenium, the rare-earth metals (including scandium and yttrium), selenium, silicon, strontium, tantalum, tellurium, thallium, thorium, tin, titanium, tungsten, uranium, vanadium, zinc, and zirconium, and base-metal alloys;

(c) the term "metal," embraces precious metals, base metals, and their alloys; and

(d) in determining which of two or more equally specific provisions for articles "of iron or steel", "of copper", "of aluminum", or "of" other base metals applies to an article containing two or more base metals and wholly or in chief value thereof, the classification shall be made according to the base metal which predominates by weight over each of the other base metals rather than according to the base metal in chief value.

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
 Part 1. - Metal-Bearing Ores and Other Metal-Bearing Materials

253

Item	Articles	Rates of Duty	
		1	2
	<p>PART 1. - METAL-BEARING ORES AND OTHER METAL-BEARING MATERIALS</p> <p><u>Part 1 headnotes:</u></p> <p>1. This part covers metal-bearing ores, and certain other metal-bearing materials. This part does not cover —</p> <p>(a) pigments or fertilizers (see schedule 4, parts 9B and 11, respectively), or chemical compounds (see schedule 4);</p> <p>(b) slag cements, mineral wools, dolomite, cryolite, chiolite, or alunite, magnesite, or calcined bauxite (see schedule 5, part 1);</p> <p>(c) precious and semiprecious stones (see schedule 5, part 1H); or</p> <p>(d) metal waste and scrap, native metals separated from their gangues or matrices, or other metals essentially in a metallic state (see part 2 of this schedule).</p> <p>2. For the purposes of this part —</p> <p>(a) the term "<u>metal-bearing ores</u>" embraces only metalliferous minerals, whether crude or concentrated (by crushing, flotation, washing, or by other physical or mechanical separation processes which do not involve substantial chemical change), and roasted or sintered lead, copper, and zinc concentrates, from which precious metals or base metals, as defined in headnote 2 of this schedule, are commercially obtained, including metals obtained directly in unalloyed form, in the form of alloys, or in the form of chemical compounds;</p> <p>(b) the term "<u>other metal-bearing materials of a type commonly used for the extraction of metal or as a basis for the manufacture of chemical compounds</u>" embraces ash, slag, dross, scale, mattes, speiss, skimmings, flue dust, fumes, refinery slimes, residues, and all other materials (except metal-bearing ores, as above defined, and the dross or residuum from burnt pyrites) of a type from which precious metals or base metals, as defined in headnote 2 of this schedule, are commonly obtained (either as the result of a further processing of the materials as such, or as a result of the addition of the materials as alloying materials to other materials being processed), including metals obtained directly in unalloyed form, in the form of alloys, or in the form of chemical compounds;</p> <p>(c) <u>lead plants</u> are pyrometallurgical reduction facilities whose principal production by weight, exclusive of waste materials and by-products, consists of lead bullion;</p> <p>(d) <u>copper plants</u> are pyrometallurgical reduction facilities whose principal production by weight, exclusive of waste materials and by-products, consists of blister copper, black copper, anode copper, or fire-refined copper;</p> <p>(e) <u>zinc plants</u> are facilities whose principal production by weight, exclusive of waste materials and by-products, consists of unwrought zinc metal, zinc pigments, zinc compounds, or zinc fume; and</p> <p>(f) <u>other plants</u> are all facilities which do not fall within the foregoing definitions of lead plants, copper plants, and zinc plants.</p>		

TARIFF SCHEDULES OF THE UNITED STATES

254

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 1. - Metal-Bearing Ores and Other Metal-Bearing Materials

Item	Articles	Rates of Duty	
		1	2
	<p>3. The duties imposed under item 602.10, 602.20, or 602.30 of this part on the copper, lead, or zinc contained in metal-bearing ores are cumulative duties which apply in addition to the duties, if any, otherwise imposed on such ores.</p> <p>4. <u>Dutiable Metal Content of Ores and Other Materials:</u> (a) The specific rates of duty imposed under the provisions of this part on the metal content of ores and other materials shall apply to the quantity of metal contained therein as determined by chemical analysis without deductions, whether recovered as metals, as alloys, or as chemical compounds or used directly in the manufacture of articles, except as hereinafter provided in this headnote.</p> <p>(b) <u>Allowable Absolute Deductions for Losses on Copper, Lead, or Zinc Content:</u> With respect to ores or other materials provided for in this part which are subject to duty at specific rates on their copper, lead, or zinc content, absolute deductions from the respective quantities of each of such metal contents as determined by chemical analysis shall be allowed, except when losses which exceed such absolute deductions are allowable as provided in 4(c) of this headnote, as follows:</p> <p>(i) <u>Materials initially treated at copper plants:</u></p> <p>(A) From the copper content, 2 units (B) From the lead content, 2 units plus 50 percent by weight of any remaining lead content (C) From the zinc content, 100 percent by weight</p> <p>(ii) <u>Materials initially treated at lead plants:</u></p> <p>(A) From the copper content, 2 units (B) From the lead content, 2 units (C) From the zinc content, 2 units or 20 percent by weight of the zinc content, whichever is greater</p> <p>(iii) <u>Materials initially treated at zinc plants:</u></p> <p>(A) From the copper content, 2 units (B) From the lead content, 2 units (C) From the zinc content, 6 units</p> <p>(iv) <u>Materials initially treated at other plants:</u></p> <p>(A) From the copper content, 2 units (B) From the lead content, 2 units (C) From the zinc content, 2 units</p> <p>For the purposes of these provisions, one unit is 20 pounds of the respective metal per dry short ton of imported material.</p> <p>(c) <u>Allowable Deductions in lieu of Absolute Deductions on Copper, Lead, or Zinc Content:</u> With respect to ores or other materials provided for in this part which are subject to duty at specific rates on their copper, lead, or zinc content, if more than 90 percent by weight of —</p> <p>(i) the zinc content of the imported materials initially treated at any lead plant, (ii) the copper content of the imported materials initially treated at any zinc plant, or (iii) the copper, lead, or zinc content of the imported materials initially treated at any plant other than a copper, lead, or zinc plant,</p>		

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part I. - Metal-Bearing Ores and Other Metal-Bearing Materials

255

Item	Articles	Rates of Duty	
		1	2
	<p>is lost in processing during the fiscal year at such plant, the rate of loss to be applied to the like content of materials imported during the 12-month period beginning on the first day of the calendar month nearest to 90 days after the close of the said fiscal year to be initially treated at such plant shall be the actual percentage by weight of such losses for such plant during the said fiscal year.</p> <p>(d) <u>Claims for Deductions:</u> The deductions provided for in 4(b) and 4(c), supra, do not apply to imported materials unless the importer, at the time entry for consumption or for warehouse is filed, makes claim therefor in writing and certifies as to the name, location, and status of the plant at which the materials are to be initially treated. If material with respect to which a certification has been filed is to be transferred to a plant for initial treatment other than the plant specified in the certification, the importer shall notify the collector at the port of entry in advance of the transfer of the material and the entry shall be liquidated or raliiquidated on the basis of the allowable losses for the plant to which transfer is to be made. If the importer fails to so notify the collector or fails to transfer the material after having notified the collector of his intention to do so, no deductions shall be allowable on such material and liquidation or raliiquidation of the entry shall be made accordingly.</p> <p>(e) <u>Statements of Losses:</u> If losses are to be claimed under headnote 4(c), supra, for a specific plant, the importer shall, not later than 60 days after the close of each fiscal year, file with the collector of customs of the customs collection district in which the plant is located, a statement of losses for said fiscal year for the plant involved and at the request of the importer said collector shall advise the collectors of customs at other ports designated by the importer of the rates of losses at the said plant.</p> <p>(f) <u>Maintenance of Plant Records:</u> Each plant for which any of the deductions provided for in this headnote are claimed shall maintain records showing the receipt and disposition of each shipment of materials received in the plant and, if losses are to be claimed under headnote 4(c), supra, a record of the losses experienced, and these records shall be made available for inspection by customs officers.</p> <p>5. When, under the procedures set forth in headnote 5 of part 2C of this schedule, the market price of copper is considered to be below 24 cents per pound, a duty of 2 cents per pound on copper content shall apply in lieu of the duty of 1.7 cents per pound on copper content in column 1 of the Rates of Duty columns of items 602.30, 603.50, and 603.55.</p> <p>6. When the classification of imported materials under any provision of this part is dependent on the percentage of metal content, such percentage shall be the ratio of the total quantity of the respective metal content to the total quantity of imported material when computed on a dry-weight basis, i.e., free of all uncombined moisture.</p>		

TARIFF SCHEDULES OF THE UNITED STATES

256

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 1. - Metal-Bearing Ores and Other Metal-Bearing Materials

Item	Articles	Rates of Duty	
		1	2
	Metal-bearing ores and the dross or residuum from burnt pyrites:		
601.05	Antimony ore.....	Free	Free
601.06	Bauxite.....	50¢ per ton <u>1/</u>	\$1 per ton <u>1/</u>
601.09	Beryllium ore.....	Free	Free
601.12	Cerium ore.....	Free	Free
601.15	Chrome ore.....	Free	Free
601.18	Cobalt ore.....	Free	Free
601.21	Columbium ore.....	Free	Free
601.24	Iron ore, including manganiferous iron ore containing not over 10 percent by weight of manganese, and the dross or residuum from burnt pyrites.....	Free	Free
601.27	Manganese ore, including ferruginous manganese ore, and manganiferous iron ore, all the foregoing containing over 10 percent by weight of manganese.....	0.25¢ per lb. on manganese content	1¢ per lb. on manganese content
601.28	Ore (except manganiferous iron ore), the product of Cuba.....	Free (s)	
601.30	Mercury ore.....	Free	Free
601.33	Molybdenum ore.....	2½¢ per lb. on molybdenum content	35¢ per lb. on molybdenum content
601.36	Nickel ore.....	Free	Free
601.39	Precious metal ores.....	Free	Free
601.42	Tantalum ore.....	Free	Free
601.45	Thorium ore (including monazite sand).....	Free	Free
601.48	Tin ore and black oxide of tin.....	Free	Free
601.51	Titanium ore (including ilmenite, ilmenite sand, rutile, and rutile sand).....	Free	Free
601.54	Tungsten ore.....	50¢ per lb. on tungsten content	50¢ per lb. on tungsten content
601.57	Uranium ore.....	Free	Free
601.60	Vanadium ore.....	Free	Free
601.63	Zirconium ore (including zirconium sand).....	Free	Free
601.66	Other metal-bearing ores.....	Free	Free
	Any of the foregoing ores bearing lead, zinc, or copper:		
602.10	All lead-bearing ores.....	0.75¢ per lb. on lead content <u>2/</u>	1.5¢ per lb. on lead content <u>2/</u>
602.20	All zinc-bearing ores.....	0.67¢ per lb. on zinc content <u>2/</u>	1.67¢ per lb. on zinc content <u>2/</u>
602.25	All copper-bearing ores: For an aggregate amount not to exceed 15,000 tons of copper content in ores which contain by weight not over 15 percent copper and which are entered in any calendar year for use as a flux or sulphur reagent in copper smelting or converting.....	Free of duty on copper content	Free of duty on copper content
602.30	Other (see headnote 5 of this part).....	1.7¢ per lb. on copper content	4¢ per lb. on copper content
602.31	If products of Cuba.....	Free of duty on copper content (s)	
	Other metal-bearing materials of a type commonly used for the extraction of metal or as a basis for the manufacture of chemical compounds:		
603.05	Aluminum dross and skimmings.....	Free	Free
603.10	Antimony, needle or liquated.....	0.25¢ per lb.	0.25¢ per lb.
603.15	Ferrous scale.....	75¢ per ton	75¢ per ton
603.20	Flue dust or fume containing, by weight, over 55 percent of cadmium and not over 15 percent of any one or combination of the metals lead, zinc, or copper.....	Free	Free
603.25	Lead dross.....	1.0625¢ per lb. on lead content <u>2/</u>	2.125¢ per lb. on lead content <u>2/</u>
603.30	Zinc dross and zinc skimmings.....	0.75¢ per lb. <u>2/</u>	1.5¢ per lb. <u>2/</u>

See footnotes at end of part 1.
(s) = Suspended. See general headnote 3(b).

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 1. - Metal-Bearing Ores and Other Metal-Bearing Materials

257

Item	Articles	Rates of Duty	
		1	2
	Other metal-bearing materials, etc. (con.): Other:		
603.40	Materials in chief value of molybdenum.....	20¢ per lb. on molybdenum content + 6% ad val.	50¢ per lb. on molybdenum content + 15% ad val.
603.45	Materials in chief value of tungsten.....	42¢ per lb. on tungsten content + 20% ad val.	60¢ per lb. on tungsten content + 40% ad val.
603.50	Materials, other than the foregoing, containing, by weight, over 10 percent of any one of the metals copper, lead, or zinc, and to be initially treated at a copper, lead, or zinc plant (see headnote 5 of this part).....	1.7¢ per lb. on copper content + 0.75¢ per lb. on lead content + 0.67¢ per lb. on zinc content <u>2/</u>	4¢ per lb. on copper content + 1.5¢ per lb. on lead content + 1.67¢ per lb. on zinc content <u>2/</u>
603.55	Materials, other than the foregoing, containing, by weight, over 5 troy ounces of gold per short ton, or over 100 troy ounces of precious metals per short ton (see headnote 5 of this part).....	1.7¢ per lb. on copper content + 0.75¢ per lb. on lead content + 0.67¢ per lb. on zinc content <u>2/</u>	4¢ per lb. on copper content + 1.5¢ per lb. on lead content + 1.67¢ per lb. on zinc content <u>2/</u>
603.60	Materials, other than the foregoing, containing, by weight, over 10 percent of nickel.....	Free	Free
603.62	Materials, other than the foregoing, which consist of slag containing by weight over 40 percent titanium, and which if containing over 2 percent by weight of copper, lead, or zinc are not to be treated for the recovery thereof.....	Free	Free
603.65	Materials, other than the foregoing, which are residues not advanced in value or condition by any means, and which if containing over 2 percent by weight of copper, lead, or zinc are not to be treated for the recovery thereof.....	Free	Free
603.70	Other.....	Free 15% ad val.	Free 30% ad val.

1/ Duty suspended through July 15, 1964. See Appendix to Tariff Schedules.

2/ Absolute quotas imposed on lead and zinc content of ores and certain other products pursuant to escape-clause proclamation. See Appendix to Tariff Schedules.

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
 Part 2. - Metals, Their Alloys, and Their Basic Shapes and Forms

259

Item	Articles	Rates of Duty	
		1	2
	<p>PART 2. - METALS, THEIR ALLOYS, AND THEIR BASIC SHAPES AND FORMS</p> <p><u>Part 2 headnotes:</u></p> <p>1. This part covers precious metals and base metals (including such metals when they are chemically pure), their alloys, and their so-called basic shapes and forms, and, in addition, covers metal waste and scrap. Unless the context requires otherwise, the provisions of this part apply to the products described by whatever process made (i.e., whether rolled, forged, drawn, extruded, cast or sintered) and whether or not such products have been subjected to treatments to improve the properties or appearance of the metals or to protect them against rusting, corrosion or other deterioration. These treatments include annealing, tempering, case-hardening and similar heat-treatments or nitriding; descaling, pickling, scraping, scalping and other processes to remove oxidation scale and crust; rough coating with oil, tar, grease, red lead, or other material to prevent rusting; polishing, burnishing, glazing, artificial oxidation, phosphatizing, and other finishing treatments; metallization by cementation, by electroplating, by immersion in a bath of molten metal, or by other means; coating with enamel, paint, lacquer, or other non-metallic substances; and cladding. This part does not include —</p> <ul style="list-style-type: none"> (i) insulated electric conductors (see part 5 of this schedule); (ii) milliners' wire and other wire covered with textile or other nonmetallic material (see part 3B of this schedule); (iii) leaf and foil (see part 3C of this schedule); or (iv) other articles specially provided for elsewhere in the tariff schedules, or parts of articles. <p>2. <u>Alloys.</u> — (a) For the purposes of the tariff schedules, alloys are defined and classifiable as hereinafter set forth. Alloys are metallic substances consisting of two or more metals, or of one or more metals and one or more non-metals, intimately united, usually by having been fused together and which may or may not have been dissolved in each other when molten; they include sintered mixtures of metal powders and heterogeneous intimate mixtures obtained by fusion, but do not include substances in which the total weight of the metals does not equal or exceed the total weight of the non-metal components.</p> <p>(b) <u>Precious-metal alloys</u> are alloys which contain 2 percent or more by weight of one or more metals of the platinum group, of gold, or of silver. Precious-metal alloys are classifiable as —</p> <ul style="list-style-type: none"> (i) alloys of platinum, if they contain 2 percent or more by weight of one or more metals of the platinum group; (ii) alloys of gold, if they contain 2 percent or more by weight of gold, but contain no metal of the platinum group or less than 2 percent by weight thereof; and (iii) alloys of silver, if they contain 2 percent or more by weight of silver, and are not alloys of platinum or alloys of gold, as defined in (ii) and (iii), respectively, of this headnote. 		

TARIFF SCHEDULES OF THE UNITED STATES

260

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 2. - Metals, Their Alloys, and Their Basic Shapes and Forms

Item	Articles	Rates of Duty	
		1	2
	<p>(c) <u>Base-metal alloys</u> are alloys which contain one or more base metals and are not any of the precious-metal alloys, as defined in (b) of this headnote. Base-metal alloys are classifiable as —</p> <p>(i) alloys of that base metal which predominates by weight over each of the other metallic elements contained therein, except as specified in (c)(ii) of this headnote; and</p> <p>(ii) ferroalloys (as defined in headnote 2(a) of subpart B of this part) or master alloys (as defined in headnote 2(b) of subpart C of this part) under their respective headings in subpart B or C of this part, regardless of the base metal therein which predominates by weight.</p> <p>(d) In the tariff schedules, unless the context requires otherwise, a provision for a specific metal includes that metal and its alloys.</p> <p>3. For the purposes of this part, unless the context requires otherwise —</p> <p>(a) the term "<u>unwrought</u>" refers to metal, whether or not refined, in the form of ingots, blocks, lumps, billets, cakes, slabs, pigs, cathodes, anodes, briquettes, cubes, sticks, grains, sponge, pellets, shot, and similar primary forms, but does not cover rolled, forged, drawn, or extruded products, tubular products, or cast or sintered forms which have been machined or processed otherwise than by simple trimming, scalping, or descaling;</p> <p>(b) the term "<u>waste and scrap</u>" refers to materials and articles of metal which are second-hand or waste or refuse, or are obsolete, defective or damaged, and which are fit only for the recovery of the metal content or for use in the manufacture of chemicals, and does not include metal in unwrought form or metal-bearing materials provided for in part 1 of this schedule;</p> <p>(c) the term "<u>wrought</u>", as applied to metal products other than wrought iron, refers to products which have been rolled, forged, drawn, or extruded, and also refers to cast or sintered products which have been machined or processed otherwise than by simple trimming, scalping, or descaling;</p> <p>(d) the term "<u>clad</u>", as applied to metal products, refers to such products with two or more layers of metal of different colors or natures which have been associated or bonded together by forging, hammering, rolling, or other mechanical or thermic process to insure welding or molecular interpenetration of the surfaces in contact; and</p> <p>(e) the term "<u>pipes and tubes and blanks therefor</u>" covers tubular products, including hollow bars and hollow billets but not including hollow drill steel, of any cross-sectional configuration, by whatever process made, whether seamless, brazed, or welded and whether with an open or lock seam or joint.</p> <p>4. No allowance or reduction of duties for partial damage or loss in consequence of discoloration or rust occurring before importation shall be made upon iron or steel or upon any article of iron or steel.</p>		

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 2. - Metals, Their Alloys, and Their Basic Shapes and Forms

261

Item	Articles	Rates of Duty	
		1	2
	<p>Subpart A. - Precious Metals</p> <p><u>Subpart A headnotes:</u></p> <p>1. This subpart does not cover -- (a) base metals coated or plated with precious metal or articles thereof; or (b) jewelry, parts of jewelry, and other articles and parts specially provided for elsewhere in this schedule or in schedule 7.</p> <p>2. For the purposes of the tariff schedules -- (a) the term "<u>platinum</u>" refers to platinum and other metals of the platinum group (Iridium, osmium, palladium, rhodium, and ruthenium), separately or together, and the term "<u>the metal platinum</u>" refers to the metal platinum alone; (b) the term "<u>semimanufactured</u>" refers to wrought metal products in the form of bars, rods, sections, plates, sheets, strips, wire, tubes, pipes, and hollow bars, and to powder (other than primary metal in powder form); (c) the term "<u>rolled</u>", as used in regard to precious metals, means material made with a metal base upon one or more surfaces of which a covering of precious metal is affixed by soldering, brazing, welding, hot-rolling, or similar mechanical methods, and also includes base metal inside with precious metal.</p> <hr/> <p>Platinum (including gold- or silver-plated platinum but not rolled platinum), unwrought or semi-manufactured:</p>		
605.02	<p>Unwrought: Metals of the platinum group separately; native combinations of such metals; and artificial combinations of such metals containing by weight not less than 90 percent of the metal platinum.....</p>	Free	Free
605.03	<p>Other, including alloys of platinum.....</p>	40% ad val.	65% ad val.
605.05	<p>Semimanufactured: Gold-plated.....</p>	50% (55%) ad val.	65% ad val.
605.06	<p>Silver-plated.....</p>	24% ad val.	65% ad val.
605.07	<p>Other: Bars, plates, and sheets, all the foregoing not under 0.125 inch in thickness, wholly of metals of the platinum group separately, wholly of native combinations of metals of the platinum group, or wholly of artificial combinations thereof containing by weight not less than 90 percent of the metal platinum.....</p>	Free	Free
605.08	<p>Other, including alloys of platinum.....</p>	40% ad val.	65% ad val.
605.20	<p>Gold or silver bullion, dore, and gold or silver precipitates.....</p>	Free	Free
605.27	<p>Gold (including platinum- or silver-plated gold but not rolled gold), unwrought (except bullion, dore, and precipitates) or semimanufactured: Platinum- or silver-plated.....</p>	32.5% ad val.	65% ad val.
605.28	<p>Other.....</p>	40% ad val.	65% ad val.

TARIFF SCHEDULES OF THE UNITED STATES

262

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 2. - Metals, Their Alloys, and Their Basic Shapes and Forms

Item	Articles	Rates of Duty	
		1	2
605.46	Silver (including platinum- or gold-plated silver but not rolled silver), unwrought (except bullion, dore, and precipitates) or semimanufactured:		
605.47	Platinum-plated.....	32.5% ad val.	65% ad val.
605.48	Gold-plated.....	50% (55%) ad val.	65% ad val.
	Other.....	21% ad val.	65% ad val.
605.60	Rolled precious metals, unworked or semimanufactured:		
	Plates and sheets.....	24% ad val.	30% ad val.
	Other:		
605.65	Rolled silver.....	21% ad val.	65% ad val.
605.66	Other.....	40% ad val.	65% ad val.
605.70	Precious-metal sweepings and other precious-metal waste and scrap.....	Free	Free
Subpart B. - Iron or Steel			
<u>Subpart B headnotes:</u>			
1. This subpart covers iron and steel, their alloys, and their so-called basic shapes and forms, and in addition covers iron or steel waste and scrap.			
2. <u>Grades of Iron, Steel, and Ferroalloys.</u> --For the purposes of the tariff schedules, the following terms have the meanings hereby assigned to them:			
(a) <u>Pig iron (except vanadium or titanium pig iron) and cast iron:</u> A ferrous product (not including steel, as defined in (g) of this headnote) containing, by weight, 1.9 percent or more of carbon, and which may contain one or more alloy elements within the respective weight limits specified below:			
not over 6 percent manganese,			
not over 15 percent phosphorus,			
not over 8 percent silicon,			
not over 30 percent chromium,			
not over 40 percent tungsten,			
not over 0.1 percent vanadium,			
not over 0.1 percent titanium,			
an aggregate of not over 10 percent of other alloy elements.			
(b) <u>Vanadium or titanium pig iron:</u> A ferrous product containing, by weight, over 0.1 percent but not over 35 percent of vanadium, or over 0.1 percent but not over 15 percent of titanium, and otherwise conforming to the specifications for pig iron in (a) of this headnote.			
(c) <u>Spiegeleisen:</u> A ferrous product or ferroalloy containing, by weight, over 6 percent but not over 30 percent of manganese and otherwise conforming to the specifications for pig iron in (a) of this headnote.			
(d) <u>Ferronickel:</u> A ferrous alloy consisting essentially of iron and nickel and containing 10 percent or more, by weight, of nickel.			

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
 Part 2. - Metals, Their Alloys, and Their Basic Shapes and Forms

263

Item	Articles	Rates of Duty	
		1	2
	<p>(e) <u>Ferroalloys</u>: Alloys of iron (except spiegelisen and ferronickel, as defined in headnotes 2(c) and 2(d), supra, respectively) which are not usefully malleable and are commonly used as raw material in the manufacture of ferrous metals and which contain one or more of the following elements in the quantity, by weight, respectively indicated:</p> <ul style="list-style-type: none"> over 30 percent of manganese, or over 8 percent of silicon, or over 30 percent of chromium, or over 40 percent of tungsten, or a total of over 10 percent of other alloy elements, except copper, and <p>which, if containing silicon, do not contain over 96 percent of nonferrous alloy elements, or, if containing manganese but no silicon, do not contain over 92 percent of nonferrous alloy elements, or, if containing no manganese and no silicon, do not contain over 90 percent of nonferrous alloy elements.</p> <p>For the purposes of this subpart —</p> <ul style="list-style-type: none"> (i) <u>ferrochromium</u> is a ferroalloy which contains, by weight, over 30 percent of chromium but not over 10 percent of silicon; (ii) <u>ferromanganese</u> is a ferroalloy which contains, by weight, over 30 percent of manganese but not over 10 percent of silicon; (iii) <u>ferromolybdenum</u> is a ferroalloy which contains, by weight, over 50 percent of molybdenum; (iv) <u>ferrophosphorus</u> is a ferroalloy which contains, by weight, over 15 percent of phosphorus; (v) <u>ferrosilicon</u> is a ferroalloy which contains, by weight, not over 30 percent of manganese and over 8 percent of silicon; (vi) <u>ferrosilicon chromium</u> is a ferroalloy which contains, by weight, over 30 percent of chromium and over 10 percent of silicon; (vii) <u>ferrosilicon manganese</u> is a ferroalloy which contains, by weight, over 30 percent of manganese and over 10 percent of silicon; (viii) <u>ferrosilicon titanium</u> is a ferroalloy which contains, by weight, over 15 percent of titanium and over 10 percent of silicon; (ix) <u>ferrosilicon tungsten</u> is a ferroalloy which contains, by weight, over 40 percent of tungsten and over 10 percent of silicon; (x) <u>ferrotitanium</u> is a ferroalloy which contains, by weight, over 15 percent of titanium but not over 10 percent of silicon; (xi) <u>ferrotungsten</u> is a ferroalloy which contains, by weight, over 40 percent of tungsten but not over 10 percent of silicon; (xii) <u>ferrovanadium</u> is a ferroalloy which contains, by weight, over 35 percent of vanadium; and (xiii) <u>ferrozirconium</u> is a ferroalloy which contains, by weight, over 10 percent of zirconium. 		

TARIFF SCHEDULES OF THE UNITED STATES

264

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 2. - Metals, Their Alloys, and Their Basic Shapes and Forms

Item	Articles	Rates of Duty	
		1	2
	<p>(f) <u>Wrought iron</u>: A ferrous material, aggregated from a solidifying mass of pasty particles of highly refined metallic iron with which a uniformly distributed quantity of slag is incorporated without subsequent fusion. A cross section 90 degrees from the rolling direction of wrought iron contains a minimum of 200,000 slag filaments per square inch of cross section. Wrought iron may contain elements other than iron but iron must predominate, by weight, over each one.</p> <p>(g) <u>Steel</u>: An alloy of iron and carbon which is malleable as first cast. Steel may contain other elements intended to enhance one or more properties and may contain elements unavoidably retained from raw materials, but iron must predominate, by weight, over each of the other elements.</p> <p>(h) <u>Alloy iron or steel</u>: The term "alloy" when used as an adjective to designate a type or grade of iron or steel embraces only --</p> <p>(i) iron which contains one or more of the following elements in the quantity, by weight, respectively indicated: over 3.00 percent of manganese, or over 5.00 percent of phosphorus, or over 5.00 percent of sulphur, or over 3.00 percent of silicon, or over 0.20 percent of chromium, or over 0.10 percent of molybdenum, or over 0.30 percent of tungsten, or over 0.10 percent of vanadium, or over 0.60 percent of any other metallic element; and</p> <p>(ii) steel which contains one or more of the following elements in the quantity, by weight, respectively indicated: over 1.65 percent of manganese, or over 0.25 percent of phosphorus, or over 0.35 percent of sulphur, or over 0.60 percent of silicon, or over 0.60 percent of copper, or over 0.30 percent of aluminum, or over 0.20 percent of chromium, or over 0.30 percent of cobalt, or over 0.35 percent of lead, or over 0.50 percent of nickel, or over 0.30 percent of tungsten, or over 0.10 percent of any other metallic element.</p> <p>In the absence of context which requires otherwise, wherever used in the tariff schedules, the term --</p> <p>(iii) "<u>iron or steel</u>" includes alloy iron or steel; and</p> <p>(iv) "<u>stainless steel</u>" refers to any alloy steel which contains by weight less than 1 percent of carbon and over 11.5 percent of chromium.</p>		

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
 Part 2. - Metals, Their Alloys, and Their Basic Shapes and Forms

265

Item	Articles	Rates of Duty	
		1	2
	<p>3. <u>Forms and Condition of Iron or Steel.</u>--For the purposes of this subpart, the following terms have the meanings hereby assigned to them:</p> <p>(a) <u>Ingot</u>: Castings resulting from the solidification of molten steel and having a columnar form suitable for working by rolling or forging.</p> <p>(b) <u>Blooms and billets</u>: Semifinished products generally of rectangular or circular cross section, having a length several times greater than the maximum cross-sectional dimension, and, if rectangular, a width less than 4 times the thickness. A bloom is at least 36 square inches in cross-sectional area; a billet is less than 36 square inches but not less than 3 square inches in cross-sectional area.</p> <p>(c) <u>Slabs and sheet bars</u>: Semifinished products of rectangular cross section, having a width of at least 4 times the thickness. A slab is not less than 2 inches and not over 6 inches in thickness; a sheet bar is less than 2 inches in thickness.</p> <p>(d) <u>Bars</u>: Products of solid section not conforming completely to the respective specifications set forth herein for blooms, billets, slabs, sheet bars, wire rods, plates, sheets, strip, wire, rails, joint bars, or tie plates, and which have cross sections in the shape of circles, segments of circles, ovals, triangles, rectangles, hexagons, or octagons. <u>Deformed concrete reinforcing bars</u> are hot rolled steel bars, of solid cross section, having deformations of various patterns on their surfaces.</p> <p>(e) <u>Hollow drill steel</u>: A hollow steel product in any cross section suitable for use in making mining drills or mining drill rods, with the largest internal cross-sectional dimension not greater than one-third of the largest external cross-sectional dimension.</p> <p>(f) <u>Wire rods</u>: A coiled, semifinished, hot-rolled produce of solid cross section, approximately round in cross section, not under 0.20 inch nor over 0.74 inch in diameter.</p> <p>(g) <u>Plates and sheets</u>: Plates are flat rolled products, whether or not corrugated or crimped, in coils or cut to length, 0.1875 inch or more in thickness and, if not cold rolled, over 8 inches in width, or, if cold rolled, over 12 inches in width. Sheets are flat rolled products, whether or not corrugated or crimped, in coils or cut to length, under 0.1875 inch in thickness and over 12 inches in width. For the purposes of this subpart --</p> <p>(i) the term "<u>black plate</u>" refers to cold rolled steel sheets, not coated, under 0.0142 inch in thickness;</p> <p>(ii) the term "<u>tin plate and tin coated sheets</u>" refers to tin coated steel sheets; and</p> <p>(iii) the term "<u>terne plate and terne coated sheets</u>" refers to steel sheets coated with terne metal (a lead-tin alloy).</p>		

TARIFF SCHEDULES OF THE UNITED STATES

266

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 2. - Metals, Their Alloys, and Their Basic Shapes and Forms

Item	Articles	Rates of Duty	
		1	2
	<p>(h) <u>Strip</u>: A flat rolled product, whether or not corrugated or crimped, in coils or cut to length, under 0.1875 inch in thickness, and, if cold rolled, over 0.50 inch but not over 12 inches in width, or, if not cold rolled, not over 12 inches in width.</p> <p>(i) <u>Wire</u>: A finished, drawn, non-tubular product, of any cross-sectional configuration, in coils or cut to length, and not over 0.703 inch in maximum cross-sectional dimension. The term also includes a product of solid rectangular cross section, in coils or cut to length, with a cold-rolled finish, and not over 0.25 inch thick and not over 0.50 inch wide.</p> <p>(j) <u>Angles, shapes, and sections</u>: Products which do not conform completely to the respective specifications set forth herein for blooms, billets, slabs, sheet bars, bars, wire rods, plates, sheets, strip, wire, rails, joint bars, or tie plates, and do not include any tubular products.</p> <p>(k) <u>Rails</u>: Hot-rolled steel products, weighing not less than 8 pounds per yard, with cross-sectional shapes intended for carrying wheel loads in railroad, railway, and crane runway applications. Rails may be punched or not punched.</p> <p>(l) <u>Joint bars</u>: Hot-rolled steel products designed to connect the ends of adjacent rails in track. Joint bars are usually punched or slotted.</p> <p>(m) <u>Tie plates</u>: Hot-rolled steel products used to support rails in track, to maintain track gauge and protect the ties. Tie plates are punched to provide holes for spikes and have one or two shoulder sections as rail guides.</p> <p>4. <u>Additional duties</u>: Iron or steel products which contain, by weight, one or more of the following elements in the quantity, by weight, respectively indicated: over 0.2 percent of chromium, or over 0.1 percent of molybdenum, or over 0.3 percent of tungsten, or over 0.1 percent of vanadium, are subject to additional cumulative duties as provided for in Items 607.01, 607.02, 607.03, and 607.04, but these duties apply only with respect to products covered by provisions which make specific reference to this headnote in the "Rates of Duty" columns.</p>		

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 2. - Metals, Their Alloys, and Their Basic Shapes and Forms

287

Item	Articles	Rates of Duty	
		1	2
607.01	Iron or steel products containing any of the following metals in the quantity respectively specified (see headnote 4 of this subpart): Containing over 0.2 percent by weight of chromium..	Additional duty of 1.5¢ per lb. on chromium content in excess of 0.2%	Additional duty of 3¢ per lb. on chromium content in excess of 0.2%
607.02	Containing over 0.1 percent by weight of molybdenum.....	Additional duty of 35¢ per lb. on molybdenum content in excess of 0.1%	Additional duty of 65¢ per lb. on molybdenum content in excess of 0.1%
607.03	Containing over 0.3 percent by weight of tungsten..	Additional duty of 50¢ per lb. on tungsten content in excess of 0.3%	Additional duty of 72¢ per lb. on tungsten content in excess of 0.3%
607.04	Containing over 0.1 percent by weight of vanadium..	Additional duty of 40¢ per lb. on vanadium content in excess of 0.1%	Additional duty of \$1 per lb. on vanadium content in excess of 0.1%
607.10	Iron or steel waste and scrap: Tin plate waste or scrap.....	Free	Free
607.11	Other: ^{1/} Not containing chromium, molybdenum, tungsten, or vanadium in amounts specified in headnote 4 of this subpart.....	37.5¢ per ton	75¢ per ton
607.12	Containing chromium, molybdenum, tungsten, or vanadium in amounts specified in headnote 4 of this subpart.....	37.5¢ per ton + additional duties (see headnote 4)	75¢ per ton + additional duties (see headnote 4)
607.15	Pig iron, cast iron, and spiegeleisen, all the foregoing in pigs, blocks, lumps, and similar forms: Pig iron and cast iron: Not containing chromium, molybdenum, tungsten, or vanadium in amounts specified in headnote 4 of this subpart.....	20¢ per ton	\$1.125 per ton
607.18	Containing chromium, molybdenum, tungsten, or vanadium in amounts specified in headnote 4 of this subpart.....	56.25¢ per ton + additional duties (see headnote 4)	\$1.125 per ton + additional duties (see headnote 4)
607.20	Spiegeleisen: Not containing chromium, molybdenum, tungsten, or vanadium in amounts specified in headnote 4 of this subpart.....	75¢ per ton	75¢ per ton
607.21	Containing chromium, molybdenum, tungsten, or vanadium in amounts specified in headnote 4 of this subpart.....	75¢ per ton + additional duties (see headnote 4)	75¢ per ton + additional duties (see headnote 4)
607.25	Ferronickel.....	1.25¢ per lb.	3¢ per lb.
607.30	Ferroalloys: Ferrochromium: Not containing over 3 percent by weight of carbon.....	8.5% ad val.	30% ad val.
607.31	Containing over 3 percent by weight of carbon.....	0.625¢ per lb. on chromium content	2.5¢ per lb. on chromium content
607.35	Ferromanganese: Not containing over 1 percent by weight of carbon.....	0.6¢ per lb. on manganese content + 4.5% ad val.	1.875¢ per lb. on manganese content + 15% ad val.

^{1/} The duty has been suspended until June 30, 1964. See Appendix to Tariff Schedules.

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 2. - Metals, Their Alloys, and Their Basic Shapes and Forms

268

Item	Articles	Rates of Duty	
		1	2
	Ferrous alloys (con.):		
	Ferromanganese (con.):		
607.36	Containing over 1 percent but not over 4 percent by weight of carbon.....	0.9375¢ per lb. on manganese content	1.875¢ per lb. on manganese content
607.37	Containing over 4 percent by weight of carbon.....	0.625¢ per lb. on manganese content	1.875¢ per lb. on manganese content
607.40	Ferromolybdenum.....	20¢ per lb. on molybdenum content + 6% ad val.	50¢ per lb. on molybdenum content + 15% ad val.
607.45	Ferrophosphorus.....	12.5% ad val.	25% ad val.
	Ferro-silicon:		
607.50	Containing over 8 percent but not over 60 percent by weight of silicon.....	0.8¢ per lb. on silicon content	2¢ per lb. on silicon content
607.51	Containing over 60 percent but not over 80 percent by weight of silicon.....	1¢ per lb. on silicon content	3¢ per lb. on silicon content
607.52	Containing over 80 percent but not over 90 percent by weight of silicon.....	2¢ per lb. on silicon content	4¢ per lb. on silicon content
607.53	Containing over 90 percent by weight of silicon.....	4¢ per lb. on silicon content	8¢ per lb. on silicon content
607.55	Ferro-silicon chromium.....	10% ad val.	25% ad val.
607.57	Ferro-silicon manganese.....	0.9375¢ per lb. on manganese content + 7.5% ad val.	1.875¢ per lb. on manganese content + 15% ad val.
607.60	Ferrotitanium and ferro-silicon titanium.....	10% ad val.	25% ad val.
607.65	Ferrotungsten and ferro-silicon tungsten.....	42¢ per lb. on tungsten content + 12.5% ad val.	60¢ per lb. on tungsten content + 25% ad val.
607.70	Ferrovanadium.....	12.5% ad val.	25% ad val.
607.75	Ferrozirconium.....	12.5% ad val.	25% ad val.
607.80	Other.....	10% ad val.	25% ad val.
	Sponge iron; iron or steel powders:		
	Sponge iron, including powders thereof:		
608.02	Not containing chromium, molybdenum, tungsten, or vanadium in amounts specified in headnote 4 of this subpart.....	62.5¢ per ton	\$2.25 per ton
608.04	Containing chromium, molybdenum, tungsten, or vanadium in amounts specified in headnote 4 of this subpart.....	62.5¢ per ton + additional duties (see headnote 4)	\$2.25 per ton + additional duties (see headnote 4)
	Other powders:		
608.05	Other than alloy iron or steel.....	0.3¢ per lb.	0.75¢ per lb.
608.06	Alloy iron or steel:		
608.08	Stainless steel powders.....	0.3¢ per lb.	0.75¢ per lb.
	Other.....	19% ad val.	45% ad val.
608.10	Grit and shot, including wire pellets, of iron or steel.....	0.3¢ per lb.	0.75¢ per lb.
	Ingots, blooms, billets, slabs, and sheet bars, all the foregoing of iron or steel:		
	Other than alloy iron or steel:		
608.15	Valued not over 5 cents per pound.....	8.5% ad val.	20% ad val.
608.16	Valued over 5 cents per pound.....	10.5% ad val.	20% ad val.
608.18	Alloy iron or steel.....	14.5% ad val. + additional duties (see headnote 4)	28% ad val. + additional duties (see headnote 4)
	Forgings of iron or steel, not machined, not tooled, and not otherwise processed after forging:		
608.25	Other than alloy iron or steel.....	10.5% ad val.	25% ad val.
608.27	Alloy iron or steel.....	14.5% ad val. + additional duties (see headnote 4)	33% ad val. + additional duties (see headnote 4)

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 2. - Metals, Their Alloys, and Their Basic Shapes and Forms

269

Item	Articles	Rates of Duty	
		1	2
608.30	Bars of wrought iron:		
608.32	Other than alloy wrought iron.....	0.5¢ per lb.	1.5¢ per lb.
	Alloy wrought iron.....	0.5¢ per lb. + 4% ad val. + additional duties (see headnote 4)	1.5¢ per lb. + 8% ad val. + additional duties (see headnote 4)
	Bars of steel:		
	Deformed concrete reinforcing bars:		
608.40	Other than alloy steel:		
608.41	Valued not over 5 cents per pound.....	8.5% ad val.	20% ad val.
608.42	Valued over 5 cents per pound.....	12.5% ad val.	20% ad val.
	Alloy steel.....	15.5% ad val. + addi- tional duties (see headnote 4)	28% ad val. + addi- tional duties (see headnote 4)
	Other bars:		
	Other than alloy steel:		
	Not cold formed:		
608.45	Not coated or plated with metal:		
608.46	Valued not over 5 cents per pound.....	7% ad val.	20% ad val.
608.48	Valued over 5 cents per pound..	10.5% ad val.	20% ad val.
	Coated or plated with metal.....	0.1¢ per lb. + 10.5% ad val.	0.2¢ per lb. + 20% ad val.
608.50	Cold formed:.....	0.0625¢ per lb. + 10.5% ad val.	0.125¢ per lb. + 20% ad val.
608.52	Alloy steel.....	14.5% ad val. + addi- tional duties (see headnote 4)	28% ad val. + addi- tional duties (see headnote 4)
	Hollow drill steel:		
608.60	Other than alloy steel:		
608.61	Valued not over 8 cents per pound.....	0.375¢ per lb. + 10% ad val.	0.75¢ per lb. + 20% ad val.
608.62	Valued over 8 cents per pound.....	10.7% ad val.	22% ad val.
	Alloy steel.....	14.7% ad val. + addi- tional duties (see headnote 4)	30% ad val. + addi- tional duties (see headnote 4)
	Wire rods of iron or steel:		
	Other than alloy iron or steel:		
	Not tempered, not treated, and not partly manufactured:		
608.70	Valued not over 4 cents per pound.....	0.1¢ per lb.	0.3¢ per lb.
608.71	Valued over 4 cents per pound.....	0.25¢ per lb.	0.6¢ per lb.
608.73	Tempered, treated, or partly manufactured:		
608.75	Valued not over 4 cents per pound.....	0.2¢ per lb.	0.6¢ per lb.
	Valued over 4 cents per pound.....	0.375¢ per lb.	0.85¢ per lb.
608.76	Alloy iron or steel:		
	Not tempered, not treated, and not partly manufactured.....	0.25¢ per lb. + 4% ad val. + additional duties (see headnote 4)	0.6¢ per lb. + 8% ad val. + additional duties (see headnote 4)
608.78	Tempered, treated, or partly manufactured.....	0.375¢ per lb. + 4% ad val. + additional duties (see headnote 4)	0.85¢ per lb. + 8% ad val. + additional duties (see headnote 4)
	Plates and sheets of iron or steel, not cut, not pressed, and not stamped to nonrectangular shape (except as provided in item 609.17):		
	Not coated or plated with metal and not clad:		
	Black plate:		
608.81	Corrugated or crimped.....	10% ad val.	20% ad val.
608.82	Other.....	8% ad val.	20% ad val.
	Other:		
	Not pickled and not cold rolled:		
608.84	Other than alloy iron or steel.....	8% ad val.	20% ad val.
608.85	Alloy iron or steel.....	12% ad val. + addi- tional duties (see headnote 4)	28% ad val. + addi- tional duties (see headnote 4)

TARIFF SCHEDULES OF THE UNITED STATES

270

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 2. - Metals, Their Alloys, and Their Basic Shapes and Forms

Item	Articles	Rates of Duty	
		1	2
	Plates and sheets of iron or steel, etc. (con.): Not coated or plated, etc. (con.): Other (con.): Pickled or cold rolled: Other than alloy iron or steel.....	0.1¢ per lb. + 8% ad val.	0.2¢ per lb. + 20% ad val.
608.87			
608.88	Alloy iron or steel.....	0.1¢ per lb. + 12% ad val. + additional duties (see headnote 4)	0.2¢ per lb. + 28% ad val. + additional duties (see headnote 4)
608.90	Glad.....	24% ad val.	30% ad val.
	Coated or plated with metal: Tin plate and tin coated sheets.....	0.8¢ per lb.	1¢ per lb.
608.92			
608.93	Terne plate and terne coated sheets.....	1¢ per lb.	1¢ per lb.
	Other: Other than alloy iron or steel.....	0.1¢ per lb. + 8% ad val.	0.2¢ per lb. + 20% ad val.
608.95			
608.96	Alloy iron or steel.....	0.1¢ per lb. + 12% ad val. + additional duties (see headnote 4)	0.2¢ per lb. + 28% ad val. + additional duties (see headnote 4)
	Strip, of iron or steel, not cut, not pressed, and not stamped to nonrectangular shape (except as provided in item 609.17): Other than alloy iron or steel: Not over 0.01 inch in thickness.....	6% ad val.	25% ad val.
609.02			
609.03	Over 0.01 but not over 0.05 inch in thickness.....	8.5% ad val.	25% ad val.
609.04	Over 0.05 inch in thickness.....	9.5% ad val.	25% ad val.
	Alloy iron or steel: Not over 0.01 inch in thickness.....	10% ad val. + addi- tional duties (see headnote 4)	33% ad val. + addi- tional duties (see headnote 4)
609.06			
609.07	Over 0.01 but not over 0.05 inch in thickness.....	12.5% ad val. + addi- tional duties (see headnote 4)	33% ad val. + addi- tional duties (see headnote 4)
609.08	Over 0.05 inch in thickness.....	13.5% ad val. + addi- tional duties (see headnote 4)	33% ad val. + addi- tional duties (see headnote 4)
	Plates, sheets, and strip, all the foregoing, of iron or steel, cut, pressed, or stamped to nonrectangular shape (except as provided in item 609.17): Other than alloy iron or steel: Valued not over 8 cents per pound.....	8% ad val.	20% ad val.
609.12			
609.13	Valued over 8 cents per pound.....	9.5% ad val.	20% ad val.
609.15	Alloy iron or steel.....	13% ad val. + addi- tional duties (see headnote 4)	28% ad val. + addi- tional duties (see headnote 4)
609.17	Plates, sheets, and strip, all the foregoing of iron or steel, whether or not cut, pressed, or stamped to nonrectangular shape, if electrolytically coated or plated with base metal other than tin, lead, or zinc.....	19% ad val.	45% ad val.
	Wire of iron or steel: Flat wire: Other than alloy iron or steel: Not coated or plated with metal: Not over 0.01 inch in thickness....	6% ad val.	25% ad val.
609.20			
609.21	Over 0.01 inch but not over 0.05 inch in thickness.....	8.5% ad val.	25% ad val.
609.22	Over 0.05 inch in thickness.....	10% ad val.	25% ad val.
	Coated or plated with metal: Not over 0.01 inch in thickness....	0.1¢ per lb. + 6% ad val.	0.2¢ per lb. + 25% ad val.
609.25			
609.26	Over 0.01 inch but not over 0.05 inch in thickness.....	0.1¢ per lb. + 8.5% ad val.	0.2¢ per lb. + 25% ad val.
609.27	Over 0.05 inch in thickness.....	0.1¢ per lb. + 10% ad val.	0.2¢ per lb. + 25% ad val.

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 2. - Metals, Their Alloys, and Their Basic Shapes and Forms

271

Item	Articles	Rates of Duty	
		1	2
	Wire of iron or steel (con.): Flat wire (con.): Alloy iron or steel: Not coated or plated with metal: Not over 0.01 inch in thickness.....	10% ad val. + additional duties (see headnote 4)	33% ad val. + additional duties (see headnote 4)
609.30			
609.31	Over 0.01 inch but not over 0.05 inch in thickness.....	12.5% ad val. + additional duties (see headnote 4)	33% ad val. + additional duties (see headnote 4)
609.32	Over 0.05 inch in thickness.....	14% ad val. + additional duties (see headnote 4)	33% ad val. + additional duties (see headnote 4)
	Coated or plated with metal: Not over 0.01 inch in thickness.....	0.1¢ per lb. + 10% ad val. + additional duties (see headnote 4)	0.2¢ per lb. + 33% ad val. + additional duties (see headnote 4)
609.35			
609.36	Over 0.01 inch but not over 0.05 inch in thickness.....	0.1¢ per lb. + 12.5% ad val. + additional duties (see headnote 4)	0.2¢ per lb. + 33% ad val. + additional duties (see headnote 4)
609.37	Over 0.05 inch in thickness.....	0.1¢ per lb. + 14% ad val. + additional duties (see headnote 4)	0.2¢ per lb. + 33% ad val. + additional duties (see headnote 4)
	Round wire: Other than alloy iron or steel: Under 0.060 inch in diameter..... 0.060 inch or more in diameter.....	8.5% ad val. 0.3¢ per lb.	25% ad val. 1.25¢ per lb.
609.40			
609.42			
609.45	Alloy iron or steel.....	12.5% ad val. + additional duties (see headnote 4)	33% ad val. + additional duties (see headnote 4)
	Other wire: Other than alloy iron or steel: Not coated or plated with metal..... Coated or plated with metal.....	12.5% ad val. 0.1¢ per lb. + 12.5% ad val.	25% ad val. 0.2¢ per lb. + 25% ad val.
609.70			
609.72			
609.75	Alloy iron or steel: Not coated or plated with metal.....	16.5% ad val. + additional duties (see headnote 4)	33% ad val. + additional duties (see headnote 4)
609.76	Coated or plated with metal.....	0.1¢ per lb. + 16.5% ad val. + additional duties (see headnote 4)	0.2¢ per lb. + 33% ad val. + additional duties (see headnote 4)
	Angles, shapes, and sections, all the foregoing, of iron or steel, hot rolled, forged, extruded, or drawn, or cold formed or cold finished, whether or not drilled, punched, or otherwise advanced; sheet piling of iron or steel: Angles, shapes, and sections: Hot rolled; or, cold formed and weighing over 0.29 pound per linear foot: Not drilled, not punched, and not otherwise advanced: Other than alloy iron and steel.... Alloy iron or steel.....	0.1¢ per lb. 0.1¢ per lb. + 4% ad val. + additional duties (see headnote 4)	0.2¢ per lb. 0.2¢ per lb. + 8% ad val. + additional duties (see headnote 4)
609.80			
609.82			
609.84	Drilled, punched, or otherwise advanced: Other than alloy iron or steel.....	7.5% ad val.	20% ad val.
609.86	Alloy iron or steel.....	11.5% ad val. + additional duties (see headnote 4)	28% ad val. + additional duties (see headnote 4)
	Cold formed and weighing not over 0.29 pound per linear foot: Other than alloy iron or steel..... Alloy iron or steel.....	8.5% ad val. 12.5% ad val. + additional duties (see headnote 4)	20% ad val. 28% ad val. + additional duties (see headnote 4)
609.88			
609.90			
609.96	Sheet piling: Other than alloy iron or steel.....	0.1¢ per lb.	0.2¢ per lb.
609.98	Alloy iron or steel.....	0.1¢ per lb. + 4% ad val. + additional duties (see headnote 4)	0.2¢ per lb. + 8% ad val. + additional duties (see headnote 4)

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 2. - Metals, Their Alloys, and Their Basic Shapes and Forms

272

Item	Articles	Rates of Duty	
		1	2
	Rails, joint bars, and tie plates, all the foregoing of steel:		
	Rails:		
610.20	Other than alloy steel.....	0.05¢ per lb.	0.1¢ per lb.
610.21	Alloy steel.....	0.05¢ per lb. + 4% ad val. + additional duties (see headnote 4)	0.1¢ per lb. + 8% ad val. + additional duties (see headnote 4)
	Joint bars and tie plates:		
610.25	Other than alloy steel.....	0.125¢ per lb.	0.25¢ per lb.
610.26	Alloy steel.....	0.125¢ per lb. + 4% ad val. + additional duties (see headnote 4)	0.25¢ per lb. + 8% ad val. + additional duties (see headnote 4)
	Pipes and tubes and blanks therefor, all the foregoing of iron (except cast iron) or steel:		
	Welded, jointed, or seamed, with walls not thinner than 0.065 inch, and of circular cross section:		
	Other than alloy iron or steel:		
610.30	Under 0.25 inch in outside diameter.....	0.875¢ per lb.	1.75¢ per lb.
610.31	0.25 inch or more but under 0.375 inch in outside diameter.....	0.625¢ per lb.	1.25¢ per lb.
610.32	0.375 inch or more in outside diameter...	0.3¢ per lb.	0.75¢ per lb.
	Alloy iron or steel:		
610.35	Under 0.25 inch in outside diameter.....	0.875¢ per lb. + 4% ad val. + additional duties (see headnote 4)	1.75¢ per lb. + 8% ad val. + additional duties (see headnote 4)
610.36	0.25 inch or more but under 0.375 inch in outside diameter.....	0.625¢ per lb. + 4% ad val. + additional duties (see headnote 4)	1.25¢ per lb. + 8% ad val. + additional duties (see headnote 4)
610.37	0.375 inch or more in outside diameter...	0.3¢ per lb. + 4% ad val. + additional duties (see headnote 4)	0.75¢ per lb. + 8% ad val. + additional duties (see headnote 4)
	Other:		
	Steel pipe conforming to the A.P.I. specifications for oil well casing and steel pipes and tubes of rectangular cross section, whether welded or seamless, having a wall thickness not less than 0.156 inch:		
	Not threaded and not otherwise advanced:		
610.39	Other than alloy steel.....	0.1¢ per lb.	0.2¢ per lb.
610.40	Alloy steel.....	0.1¢ per lb. + 4% ad val. + additional duties (see headnote 4)	0.2¢ per lb. + 8% ad val. + additional duties (see headnote 4)
	Threaded or otherwise advanced:		
610.42	Other than alloy steel.....	7.5% ad val.	20% ad val.
610.43	Alloy steel.....	11.5% ad val. + additional duties (see headnote 4)	28% ad val. + additional duties (see headnote 4)
	Other:		
	Suitable for use in the manufacture of ball or roller bearings:		
610.45	Other than alloy iron or steel.....	12% ad val.	25% ad val.
610.46	Alloy iron or steel.....	16% ad val. + additional duties (see headnote 4)	33% ad val. + additional duties (see headnote 4)
	Not suitable for use in the manufacture of ball or roller bearings:		
	Other than alloy iron or steel:		
610.48	Hollow bars.....	11% ad val.	22% ad val.
610.49	Other.....	10.5% ad val.	25% ad val.
	Alloy iron or steel:		
610.51	Hollow bars.....	15.5% ad val. + additional duties (see headnote 4)	30% ad val. + additional duties (see headnote 4)
610.52	Other.....	14.5% ad val. + additional duties (see headnote 4)	35% ad val. + additional duties (see headnote 4)

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 2. - Metals, Their Alloys, and Their Basic Shapes and Forms

273

Item	Articles	Rates of Duty	
		1	2
610.56 610.58	Cast iron pipes and tubes: Other than alloy cast iron..... Alloy cast iron.....	10% ad val. 14% ad val. + additional duties (see headnote 4)	25% ad val. 33% ad val. + additional duties (see headnote 4)
610.62 610.63	Pipe and tube fittings, of iron or steel: Cast-iron fittings, not malleable: For cast-iron pipe: Cast iron, other than alloy cast iron.... Alloy cast iron.....	10% ad val. 14% ad val. + additional duties (see headnote 4)	25% ad val. 33% ad val. + additional duties (see headnote 4)
610.65 610.66	Not for cast-iron pipe: Cast iron, other than alloy cast iron.... Alloy cast iron.....	3% ad val. 7% ad val. + additional duties (see headnote 4)	20% ad val. 28% ad val. + additional duties (see headnote 4)
610.70 610.71	Cast-iron fittings, malleable: Not advanced in condition by operations or processes subsequent to the casting process: Cast iron, other than alloy cast iron.... Alloy cast iron.....	8% ad val. 12% ad val. + additional duties (see headnote 4)	20% ad val. 28% ad val. + additional duties (see headnote 4)
610.74 610.80	Advanced in condition by operations or processes subsequent to the casting process.... Other fittings.....	22.5% ad val. 19% ad val.	45% ad val. 45% ad val.
<p>Subpart C. - Copper ^{1/}</p>			
<p><u>Subpart C headnotes:</u></p> <p>1. This subpart covers copper, its alloys, and their so-called basic shapes and forms, and in addition covers copper waste and scrap.</p> <p>2. For the purposes of the tariff schedules, the following terms have the meanings indicated:</p> <p>(a) <u>Alloys of copper:</u> Copper-base alloys or metals in which the copper content is, by weight, less than 99.3 percent, but not less than any other metallic element. For the purposes of this subpart —</p> <p>(i) <u>nickel silver</u> is an alloy of copper which contains by weight 5 percent or more of zinc and 5 percent or more of nickel, with or without small quantities of other elements;</p> <p>(ii) <u>brass</u> is an alloy of copper (not including nickel silver) in which zinc is the principal alloying element, with or without small quantities of other elements;</p> <p>(iii) <u>cupro-nickel</u> is an alloy of copper in which nickel is the principal alloying element and which does not contain by weight over 2 percent of any other single element.</p> <p>In the absence of context which requires otherwise, the term "<u>copper</u>", wherever used in the tariff schedules, includes alloys of copper.</p> <p>^{1/} Copper waste and scrap and certain copper articles are the subject of temporary legislation. See part 1B of the Appendix to the Tariff Schedules.</p>			

TARIFF SCHEDULES OF THE UNITED STATES

274

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 2. - Metals, Their Alloys, and Their Basic Shapes and Forms

Item	Articles	Rates of Duty	
		1	2
	<p>(b) <u>Master alloys</u>: Alloys of copper with other materials in any proportion, not usefully malleable and commonly used as raw material in the manufacture of other alloys or as de-oxidants, de-sulphurizing agents or for similar uses in the metallurgy of non-ferrous metals. For the purposes of this subpart —</p> <p>(i) <u>manganese copper</u> is a master alloy which contains copper and manganese, in which the manganese content ranges by weight from 5 to 45 percent, with copper the balance; and</p> <p>(ii) <u>phosphor copper</u> is a master alloy which contains phosphorus and copper, in which the phosphorus content ranges by weight from 5 to 16 percent, with copper the balance.</p> <p>3. For the purposes of this subpart, the following terms have the meanings indicated:</p> <p>(a) <u>Bars and plate</u>: Products of solid rectangular cross section over 0.188 inch in thickness, in coils or cut to length, whether or not corrugated or crimped. Bars are not over 12 inches in width and plates are over 12 inches in width.</p> <p>(b) <u>Sheets and strips</u>: Products of solid rectangular cross section not over 0.188 inch but over 0.006 inch in thickness, in coils or cut to length, whether or not corrugated or crimped. Sheets are over 20 inches in width; strips are not over 20 inches in width and do not include flat wire, as defined in (d) below.</p> <p>(c) <u>Rods</u>: Products of round, half-round, quarter-round, oval, half-oval, triangular, pentagonal, hexagonal, octagonal, or decagonal solid cross section, in straight lengths or in coils, and which if in coils are over 0.375 inch in maximum cross-sectional dimension.</p> <p>(d) <u>Wire</u>: A non-tubular product of any cross-sectional configuration, which if flat is in coils or straight lengths, not over 1.25 inches in width, not over 0.188 inch in thickness, and has all surfaces rolled or drawn, and which if not flat is not over 0.375 inch in maximum cross-sectional dimension and is in coils.</p> <p>(e) <u>Angles, shapes, and sections</u>: Products which do not conform completely to the respective definitions set forth in this headnote for bars, plates, sheets, strip, rods, or wire, and do not include any tubular products.</p> <p>4. For the purposes of this subpart, any continuous cast product, whether or not machined or otherwise processed, which is substantially comparable to, and suitable for the same general purposes as, a wrought product provided for in this subpart shall be classified under the same provision and at the same rate as such wrought product, notwithstanding the provisions of headnotes 3(a) and 3(c) of this part.</p>		

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
 Part 2. - Metals, Their Alloys, and Their Basic Shapes and Forms

275

Item	Articles	Rates of Duty	
		1	2
	<p>5. <u>Determination of Market Price of Copper for Rate of Duty Purposes.</u>—(a) In this subpart, column 1 of the Rates of Duty columns has been divided into two columns, viz., 1-a and 1-b. The rates of duty in column 1-a apply when the market price of copper is 24 cents or more per pound, and the rates of duty in column 1-b apply when the market price of copper is under 24 cents per pound.</p> <p>(b) For the purposes of the provisions in part 1 of this schedule relating to copper-bearing materials covered by headnote 5 of said part 1, and of the provisions of this subpart, the market price of copper is the average market price per pound for one calendar month of electrolytic copper in standard shapes and sizes, delivered Connecticut Valley, as determined by the United States Tariff Commission and reported to the Secretary of the Treasury in accordance with procedures set forth below.</p> <p>(c) The market price of copper, as defined above, shall be considered to be below 24 cents per pound only on and after the 20th day after the date of a report by the United States Tariff Commission to the Secretary of the Treasury that it has determined that the said market price has been below 24 cents per pound for one calendar month.</p> <p>(d) After any report by the United States Tariff Commission to the Secretary of the Treasury as provided for in (b) above, the said market price shall be considered as not being below 24 cents per pound only on and after the 20th day after the date of a report by the said Commission to the said Secretary that it has determined that the said market price has been 24 cents or more per pound for one calendar month.</p> <p>(e) Determinations by the said Commission of the market price of electrolytic copper shall be based upon sources commonly resorted to by the buyers of copper in the usual channels of commerce, including, but not limited to, quotations of the market price for electrolytic copper, in standard shapes and sizes, delivered Connecticut Valley, reported by the Engineering and Mining Journal's "Metal and Mineral Markets".</p> <p>6. The deductions provided for in headnote 4(d) of part 1 of this schedule shall apply to cement copper and copper precipitates (item 612.02) subject to the conditions specified in headnote 4 of said part 1.</p>		

TARIFF SCHEDULES OF THE UNITED STATES

276

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 2. - Metals, Their Alloys, and Their Basic Shapes and Forms

Item	Articles	Rates of Duty		
		1-a	1-b	2
612.02	Unwrought copper: Cement copper and copper precipitates.....	1.7¢ per lb. on copper content (see headnote 6)	2¢ per lb. on copper content (see headnote 6)	4¢ per lb. on copper content (see headnote 6)
612.03	Black copper, blister copper, and anode copper.....	1.7¢ per lb. on 99.6% of the copper content	2¢ per lb. on 99.6% of the copper content	4¢ per lb. on 99.6% of the copper content
612.05	Nickel silver.....	1.7¢ per lb. on copper content + 10% ad val.	2¢ per lb. on copper content + 10% ad val.	4¢ per lb. on copper content + 20% ad val.
612.06	Other.....	1.7¢ per lb. on copper content	2¢ per lb. on copper content	4¢ per lb. on copper content
612.08	Copper waste and scrap: Nickel silver.....	1.7¢ per lb. on 99.6% of the copper content + 10% ad val.	2¢ per lb. on 99.6% of the copper content + 10% ad val.	4¢ per lb. on 99.6% of the copper content + 20% ad val.
612.10	Other.....	1.7¢ per lb. on 99.6% of the copper content	2¢ per lb. on 99.6% of the copper content	4¢ per lb. on 99.6% of the copper content
612.11	If the product of Cuba (except alloy waste and scrap).....	Free (s)	Free (s)	
612.15	Master alloys: Phosphor-copper.....	1.7¢ per lb. on copper content + 3¢ per lb. + 12.5% ad val.	2¢ per lb. on copper content + 3¢ per lb. + 12.5% ad val.	4¢ per lb. on copper content + 3¢ per lb. + 25% ad val.
612.17	Manganese-copper.....	1.275¢ per lb. + 20% ad val.	1.5¢ per lb. + 20% ad val.	3¢ per lb. + 25% ad val.
612.20	Other.....	1.275¢ per lb. + 20% ad val.	1.5¢ per lb. + 20% ad val.	3¢ per lb. + 25% ad val.
	Bars, plates, sheets, and strips, all the foregoing which are wrought, of copper, whether or not cut, pressed, or stamped to nonrectangular shapes: Not cut, pressed, or stamped to nonrectangular shape:			
612.30	Copper, other than alloys of copper: Clad plates and sheets.....	1.275¢ per lb. + 24% ad val.	1.5¢ per lb. + 24% ad val.	3¢ per lb. + 30% ad val.
612.31	Other: Bars and sheets; and strips in coils.....	2.95¢ per lb.	3.25¢ per lb.	6.5¢ per lb.
612.32	Plates, and strips in straight lengths.....	1.275¢ per lb. + 22.5% ad val.	1.5¢ per lb. + 22.5% ad val.	3¢ per lb. + 45% ad val.
612.34	Nickel silver: Clad plates and sheets.....	1.275¢ per lb. + 24% ad val.	1.5¢ per lb. + 24% ad val.	3¢ per lb. + 30% ad val.
612.35	Other: Bars, sheets, and strips.....	1.7¢ per lb. on copper content + 30% ad val.	2¢ per lb. on copper content + 30% ad val.	4¢ per lb. on copper content + 30% ad val.
612.36	Plates.....	1.275¢ per lb. + 22.5% ad val.	1.5¢ per lb. + 22.5% ad val.	3¢ per lb. + 45% ad val.

(s) = Suspended. See general headnote 3(b).

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 2. - Metals, Their Alloys, and Their Basic Shapes and Forms

277

Item	Articles	Rates of Duty		
		1-a	1-b	2
	Bars, plates, sheets, and strips, etc. (con.): Not cut, pressed, or stamped, etc. (con.): Brass:			
612.38	Clad plates and sheets.....	1.275¢ per lb. + 24% ad val.	1.5¢ per lb. + 24% ad val.	3¢ per lb. + 30% ad val.
612.39	Other.....	1.7¢ per lb. on copper content + 2¢ per lb.	2¢ per lb. on copper content + 2¢ per lb.	4¢ per lb. on copper content + 4¢ per lb.
	Cupro-nickel:			
612.40	Clad plates and sheets.....	1.275¢ per lb. + 24% ad val.	1.5¢ per lb. + 24% ad val.	3¢ per lb. + 30% ad val.
612.41	Other.....	1.275¢ per lb. + 22.5% ad val.	1.5¢ per lb. + 22.5% ad val.	3¢ per lb. + 45% ad val.
	Other:			
612.43	Clad plates and sheets.....	1.275¢ per lb. + 24% ad val.	1.5¢ per lb. + 24% ad val.	3¢ per lb. + 30% ad val.
	Other:			
612.44	Bars and sheets.....	1.7¢ per lb. on copper content + 2¢ per lb.	2¢ per lb. on copper content + 2¢ per lb.	4¢ per lb. on copper content + 4¢ per lb.
612.45	Plates and strips.....	1.275¢ per lb. + 15% ad val.	1.5¢ per lb. + 15% ad val.	3¢ per lb. + 45% ad val.
612.50	Cut, pressed, or stamped to nonrectangular shape: Copper, other than alloys of copper; nickel silver and cupro-nickel.....	1.275¢ per lb. + 22.5% ad val.	1.5¢ per lb. + 22.5% ad val.	3¢ per lb. + 45% ad val.
612.52	Other.....	1.275¢ per lb. + 15% ad val.	1.5¢ per lb. + 15% ad val.	3¢ per lb. + 45% ad val.
	Copper powders and flakes:			
612.55	Flakes.....	11.275¢ per lb.	11.5¢ per lb.	17¢ per lb.
612.56	Powders.....	1.275¢ per lb. + 17.5% ad val.	1.5¢ per lb. + 17.5% ad val.	3¢ per lb. + 45% ad val.
	Wrought rods, of copper:			
612.60	Copper, other than alloys of copper.....	2.95¢ per lb.	3.25¢ per lb.	6.5¢ per lb.
612.61	Nickel silver.....	1.7¢ per lb. on copper content + 30% ad val.	2¢ per lb. on copper content + 30% ad val.	4¢ per lb. on copper content + 30% ad val.
612.62	Brass.....	1.7¢ per lb. on copper content + 2¢ per lb.	2¢ per lb. on copper content + 2¢ per lb.	4¢ per lb. on copper content + 4¢ per lb.
612.63	Cupro-nickel.....	1.275¢ per lb. + 22.5% ad val.	1.5¢ per lb. + 22.5% ad val.	3¢ per lb. + 45% ad val.
612.64	Other.....	1.7¢ per lb. on copper content + 2¢ per lb.	2¢ per lb. on copper content + 2¢ per lb.	4¢ per lb. on copper content + 4¢ per lb.
	Wire, of copper:			
	Nickel silver:			
612.70	Not metal coated or plated.....	1.7¢ per lb. on copper content + 30% ad val.	2¢ per lb. on copper content + 30% ad val.	4¢ per lb. on copper content + 30% ad val.
612.71	Metal coated or plated.....	1.7¢ per lb. on copper content + 0.1¢ per lb. + 30% ad val.	2¢ per lb. on copper content + 0.1¢ per lb. + 30% ad val.	4¢ per lb. on copper content + 0.2¢ per lb. + 30% ad val.
	Other:			
612.72	Not metal coated or plated.....	1.7¢ per lb. on copper content + 12.5% ad val.	2¢ per lb. on copper content + 12.5% ad val.	4¢ per lb. on copper content + 25% ad val.
612.73	Metal coated or plated.....	1.7¢ per lb. on copper content + 0.1¢ per lb. + 12.5% ad val.	2¢ per lb. on copper content + 0.1¢ per lb. + 12.5% ad val.	4¢ per lb. on copper content + 0.2¢ per lb. + 25% ad val.

TARIFF SCHEDULES OF THE UNITED STATES

278

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 2. - Metals, Their Alloys, and Their Basic Shapes and Forms

Item	Articles	Rates of Duty		
		1-a	1-b	2
612.80	Angles, shapes and sections, all the foregoing which are wrought, of copper: Copper, other than alloys of copper; nickel silver and cupro-nickel.....	1.275¢ per lb. + 22.5% ad val.	1.5¢ per lb. + 22.5% ad val.	3¢ per lb. + 45% ad val.
612.81	Brass angles and channels.....	1.7¢ per lb. on copper content + 6¢ per lb.	2¢ per lb. on copper content + 6¢ per lb.	4¢ per lb. on copper content + 12¢ per lb.
612.82	Other.....	1.275¢ per lb. + 15% ad val.	1.5¢ per lb. + 15% ad val.	3¢ per lb. + 45% ad val.
	Pipes and tubes and blanks therefor, pipe and tube fittings, all the foregoing of copper: Pipes and tubes and blanks therefor: Copper, other than alloys of copper:			
613.02	Seamless.....	5.2¢ per lb.	5.5¢ per lb.	11¢ per lb.
613.03	Brazed.....	6.2¢ per lb.	6.5¢ per lb.	15¢ per lb.
613.04	Other.....	1.275¢ per lb. + 22.5% ad val.	1.5¢ per lb. + 22.5% ad val.	3¢ per lb. + 45% ad val.
613.06	Nickel silver.....	1.275¢ per lb. + 22.5% ad val.	1.5¢ per lb. + 22.5% ad val.	3¢ per lb. + 45% ad val.
613.08	Cupro-nickel.....	1.275¢ per lb. + 15% ad val.	1.5¢ per lb. + 15% ad val.	3¢ per lb. + 45% ad val.
	Other:			
613.10	Seamless.....	1.7¢ per lb. on copper content + 2¢ per lb.	2¢ per lb. on copper content + 2¢ per lb.	4¢ per lb. on copper content + 8¢ per lb.
613.11	Brazed.....	1.7¢ per lb. on copper content + 6¢ per lb.	2¢ per lb. on copper content + 6¢ per lb.	4¢ per lb. on copper content + 12¢ per lb.
613.12	Other.....	1.275¢ per lb. + 15% ad val.	1.5¢ per lb. + 15% ad val.	3¢ per lb. + 45% ad val.
	Fittings:			
613.15	Copper, other than alloys of copper; nickel silver and cupro-nickel.....	1.275¢ per lb. + 22.5% ad val.	1.5¢ per lb. + 22.5% ad val.	3¢ per lb. + 45% ad val.
613.16	Other.....	1.275¢ per lb. + 15% ad val.	1.5¢ per lb. + 15% ad val.	3¢ per lb. + 45% ad val.
	Subpart D. - Aluminum			
	Subpart D headnotes:			
	1. This subpart covers aluminum, its alloys, and their so-called basic shapes and forms and also covers aluminum waste and scrap.			
	2. Alloys of aluminum: For the purposes of the tariff schedules, alloys of aluminum are metals in which the aluminum content is, by weight, less than 99.0 percent, but not less than any other metallic element. Aluminum silicon is an alloy of aluminum containing not less than 25 percent of silicon. In the absence of context which requires otherwise, the term "aluminum", wherever used in the tariff schedules, includes alloys of aluminum.			
	3. For the purposes of this subpart, the following terms have the meanings indicated:			
	(a) Bars: Products of solid rectangular cross section, 0.25 inch or more in thickness and over 0.375 inch but not over 12 inches in width, in coils or cut to length; and products of solid hexagonal or octagonal cross section, 0.375 inch or more in thickness (measuring the perpendicular distance between opposite faces) in coils, or of any thickness in straight lengths.			

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 2. - Metals, Their Alloys, and Their Basic Shapes and Forms

279

Item	Articles	Rates of Duty	
		1	2
	<p>(b) <u>Rods</u>: Products of solid round cross section, which, if 0.375 inch or more in diameter, are in coils or cut to length, and which, if under 0.375 inch in diameter, are in straight lengths.</p> <p>(c) <u>Plates, sheets, and strips</u>: Products of solid rectangular cross section, in coils or cut to length, whether or not corrugated or crimped. Plates are 0.25 inch or more in thickness and over 12 inches in width; sheets and strip are under 0.25 but not under 0.006 inch in thickness.</p> <p>(d) <u>Wire</u>: A product of solid round, rectangular, hexagonal, or octagonal cross section, in coils, whose diameter, width, or perpendicular distance between opposite faces is less than 0.375 inch.</p> <p>(e) <u>Angles, shapes, and sections</u>: Products which do not conform completely to the respective definitions set forth in this headnote for bars, plates, sheets, strips, rods, or wire and do not include any tubular products.</p>		
618.01	Unwrought aluminum: Of uniform cross-section throughout its length, the least cross-sectional dimension of which is not greater than 0.375 inch, in coils.....	2.5¢ per lb.	7¢ per lb.
618.02	Other: Aluminum other than alloys of aluminum.....	1.25¢ per lb.	4¢ per lb.
618.04	Alloys of aluminum: Aluminum silicon.....	2.125¢ per lb.	5¢ per lb.
618.06	Other.....	1.25¢ per lb.	4¢ per lb.
618.10	Aluminum waste and scrap ^{1/}	1.5¢ per lb.	4¢ per lb.
618.15	Wrought rods of aluminum.....	2.5¢ per lb.	7¢ per lb.
618.17	Angles, shapes, and sections, all the foregoing which are wrought, of aluminum.....	19% ad val.	45% ad val.
618.20	Aluminum wire: Not coated or plated with metal.....	12.5% ad val.	25% ad val.
618.22	Coated or plated with metal.....	0.1¢ per lb. + 12.5% ad val.	0.2¢ per lb. + 25% ad val.
618.25	Bars, plates, sheets, and strip, all the foregoing which are wrought, of aluminum, whether or not cut, pressed, or stamped to nonrectangular shapes: Not clad.....	2.5¢ per lb.	7¢ per lb.
618.27	Clad: Wholly of aluminum.....	2.5¢ per lb.	7¢ per lb.
618.29	Other.....	24% ad val.	30% ad val.
618.40	Aluminum powders and flakes: Flakes.....	5.1¢ per lb.	12¢ per lb.
618.42	Powders.....	19% ad val.	45% ad val.
618.45	Pipes and tubes and blanks therefor, pipe and tube fittings, all the foregoing of aluminum: Hollow cast extrusion ingots.....	1.25¢ per lb.	4¢ per lb.
618.47	Other.....	19% ad val.	45% ad val.
	^{1/} The duty has been suspended until June 30, 1964. See Appendix to Tariff Schedules.		

TARIFF SCHEDULES OF THE UNITED STATES

280

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 2. - Metals, Their Alloys, and Their Basic Shapes and Forms

Item	Articles	Rates of Duty	
		1	2
	<p align="center">Subpart E. - Nickel</p> <p><u>Subpart E headnotes:</u></p> <p>1. This subpart covers nickel, its alloys, their so-called basic shapes and forms, and also includes nickel waste and scrap.</p> <p>2. <u>Alloys of nickel:</u> For the purposes of the tariff schedules, alloys of nickel are metals in which the nickel content is, by weight, less than 99.0 percent, but not less than any other metallic element. In the absence of context which requires otherwise, the term "<u>nickel</u>", wherever used in the tariff schedules, includes alloys of nickel.</p> <p>3. For the purposes of this subpart, the following terms have the meanings indicated:</p> <p>(a) <u>Bars and plates:</u> Products of solid rectangular cross section over 0.25 inch in thickness, in coils or cut to length. Bars are not over 12 inches in width and plates are over 12 inches in width.</p> <p>(b) <u>Sheets and strips:</u> Products of solid rectangular cross section not over 0.25 inch but over 0.006 inch in thickness, in coils or cut to length, whether or not corrugated or crimped. Sheets are over 14 inches in width; strips are over 0.5 inch but not over 14 inches in width.</p> <p>(c) <u>Rods:</u> Products of solid round, hexagonal or octagonal cross section which if over 0.375 inch in maximum cross-sectional dimension are in coils or cut to length, and which if not over 0.375 inch in maximum cross-sectional dimension are in straight lengths.</p> <p>(d) <u>Wire:</u> A non-tubular product of any cross-sectional configuration, which if flat is in coils or straight lengths, not over 0.25 inch in thickness and not over 0.5 inch in width, and which if not flat is not over 0.375 inch in maximum cross-sectional dimension and is in coils.</p> <p>(e) <u>Angles, shapes, and sections:</u> Products which do not conform completely to the respective definitions set forth in this headnote for bars, plates, sheets, strips, rods, or wire and do not include any tubular products.</p>		

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 2. - Metals, Their Alloys, and Their Basic Shapes and Forms

281

Item	Articles	Rates of Duty	
		1	2
620.02	Unwrought nickel; nickel waste and scrap ^{1/}	1.25¢ per lb.	3¢ per lb.
	Bars, plates, sheets, and strip, all the foregoing wrought, of nickel, whether or not cut, pressed, or stamped to nonrectangular shapes:		
	Not cut, not pressed, and not stamped to nonrectangular shapes:		
620.08	Plates and sheets, clad.....	24% ad val.	30% ad val.
	Other:		
620.10	Not cold worked.....	10% ad val.	25% ad val.
620.12	Cold worked.....	14% ad val.	35% ad val.
620.16	Cut, pressed, or stamped to nonrectangular shapes.....	18% ad val.	45% ad val.
	Rods, angles, shapes, and sections, all the foregoing wrought, of nickel; nickel wire:		
	Rods and wire:		
620.20	Not cold worked.....	10% ad val.	25% ad val.
620.22	Cold worked.....	14% ad val.	35% ad val.
620.26	Angles, shapes, and sections.....	18% ad val.	45% ad val.
	Nickel powders and flakes:		
620.30	Flakes.....	10¢ per lb.	14¢ per lb.
620.32	Powders.....	1.25¢ per lb.	3¢ per lb.
	Pipes and tubes and blanks therefor, pipe and tube fittings, all the foregoing, of nickel:		
	Pipes and tubes and blanks therefor:		
620.40	Not cold worked.....	6.25% ad val.	25% ad val.
620.42	Cold worked.....	8.75% ad val.	35% ad val.
620.46	Pipe and tube fittings.....	18% ad val.	45% ad val.
620.50	Electro-plating anodes, wrought or cast, of nickel....	10% ad val.	25% ad val.
Subpart F. - Tin			
<u>Subpart F headnotes:</u>			
1. This subpart covers tin, its alloys, and their so-called basic shapes and forms, and also includes tin waste and scrap.			
2. <u>Alloys of tin:</u> For the purposes of the tariff schedules, alloys of tin are metals in which the tin content is, by weight, less than 99.0 percent, but not less than any other metallic element. In the absence of context which requires otherwise, the term "tin", wherever used in the tariff schedules, includes alloys of tin.			
3. For the purposes of this subpart, the following terms have the meanings indicated:			
(a) <u>Plates, sheets, and strips:</u> Products of solid rectangular cross section, in coils or cut to length, whether or not corrugated or crimped. Plates are 0.25 inch or more in thickness and over 12 inches in width; sheets and strips are under 0.25 inch but not under 0.006 inch in thickness.			
(b) <u>Wire:</u> A non-tubular product of any cross-sectional configuration under 0.25 inch in maximum cross-sectional dimension, in coils.			
(c) <u>Bars, rods, angles, shapes, and sections:</u> Products which do not conform completely to the respective definitions set forth in this headnote for plates, sheets, strips, or wire and do not include any tubular products.			
^{1/} The duty on waste and scrap has been suspended to June 30, 1964. See Appendix to Tariff Schedules.			

TARIFF SCHEDULES OF THE UNITED STATES

282

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 2. - Metals, Their Alloys, and Their Basic Shapes and Forms

Item	Articles	Rates of Duty	
		1	2
622.02	Unwrought tin: Tin other than alloys of tin.....	Free	Free
622.04	Alloys of tin: Containing, by weight, over 5 percent of lead.....	1.0625¢ per lb. on lead content	2.125¢ per lb. on lead content
622.06	Other.....	Free	Free
622.10	Tin waste and scrap.....	Free	Free
622.15	Plates, sheets, and strips, all the foregoing which are wrought, of tin, whether or not cut, pressed, or stamped to nonrectangular shapes: Not clad.....	12% ad val.	4% ad val.
622.17	Clad.....	24% ad val.	30% ad val.
622.20	Tin wire: Not coated or plated with metal.....	12.5% ad val.	25% ad val.
622.22	Coated or plated with metal.....	0.1¢ per lb. + 12.5% ad val.	0.2¢ per lb. + 25% ad val.
622.25	Bars, rods, angles, shapes, and sections, all the fore- going which are wrought, of tin.....	12% ad val.	4% ad val.
622.35	Tin powder and flakes.....	12% ad val.	4% ad val.
622.40	Pipes and tubes and blanks therefor, pipe and tube fittings, all the foregoing of tin.....	12% ad val.	4% ad val.
Subpart G. - Lead			
<u>Subpart G headnotes:</u>			
1. This subpart covers lead, its alloys, and their so-called basic shapes and forms, and also includes lead waste and scrap.			
2. <u>Alloys of lead:</u> For the purposes of the tariff schedules, alloys of lead are metals in which the lead content is, by weight, less than 99.0 percent, but not less than any other metallic element. In the absence of context which requires otherwise, the term " <u>lead</u> ", wherever used in the tariff schedules, includes alloys of lead.			
3. For the purposes of this subpart, the following terms have the meanings indicated:			
(a) <u>Plates, sheets, and strips:</u> Products of solid rectangular cross section, in coils or cut to length, whether or not corrugated or crimped. Plates are 0.25 inch or more in thickness and over 12 inches in width; sheets are under 0.25 inch but not under 0.006 inch in thickness and over 6 inches in width; strips are under 0.25 inch but not under 0.006 inch in thickness and are not over 6 inches in width.			
(b) <u>Wire:</u> A non-tubular product of any cross-sectional configuration under 0.25 inch in maximum cross-sectional dimension, in coils.			
(c) <u>Bars, rods, angles, shapes, and sections:</u> Products which do not conform completely to the respective definitions set forth in this headnote for plates, sheets, strips, or wire and do not include any tubular products.			

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 2. - Metals, Their Alloys, and Their Basic Shapes and Forms

283

Item	Articles	Rates of Duty	
		1	2
624.02	Unwrought lead: ^{1/} Lead bullion.....	1.0625¢ per lb. on 99.6% of the lead content	2.125¢ per lb. on 99.6% of the lead content
624.03	Other.....	1.0625¢ per lb. on lead content	2.125¢ per lb. on lead content
624.04	Lead waste and scrap ^{1/}	1.0625¢ per lb. on 99.6% of the lead content	2.125¢ per lb. on 99.6% of the lead content
	Plates, sheets, and strips, all the foregoing which are wrought, of lead, whether or not cut, pressed, or stamped to nonrectangular shapes:		
	Not cut, not pressed, and not stamped to nonrectangular shapes:		
	Plates and sheets:		
	Not clad:		
624.10	Other than alloys of lead.....	1.3125¢ per lb.	2.375¢ per lb.
	Of alloys of lead:		
624.12	Valued not over 13-1/3 cents per pound.....	1.5¢ per lb.	6¢ per lb.
624.14	Valued over 13-1/3 cents per pound.....	11.25% ad val.	45% ad val.
624.16	Clad.....	24% ad val.	30% ad val.
	Strips:		
624.18	Valued not over 13-1/3 cents per pound...	1.5¢ per lb.	6¢ per lb.
624.20	Valued over 13-1/3 cents per pound.....	11.25% ad val.	45% ad val.
	Cut, pressed, or stamped to nonrectangular shapes:		
624.22	Valued not over 13-1/3 cents per pound.....	1.5¢ per lb.	6¢ per lb.
624.24	Valued over 13-1/3 cents per pound.....	11.25% ad val.	45% ad val.
	Bars, rods, angles, shapes, and sections, all the foregoing which are wrought, of lead; lead wire:		
624.30	Glazier's lead and lead wire.....	1.3125¢ per lb.	2.375¢ per lb.
	Other:		
624.32	Valued not over 13-1/3 cents per pound.....	1.5¢ per lb.	6¢ per lb.
624.34	Valued over 13-1/3 cents per pound.....	11.25% ad val.	45% ad val.
	Lead powder and flakes:		
624.40	Valued not over 13-1/3 cents per pound.....	1.5¢ per lb.	6¢ per lb.
624.42	Valued over 13-1/3 cents per pound.....	11.25% ad val.	45% ad val.
	Pipes and tubes and blanks therefor, pipe and tube fittings, all the foregoing of lead:		
624.50	Of lead other than alloys of lead.....	1.3125¢ per lb.	2.375¢ per lb.
	Of alloys of lead:		
624.52	Valued not over 13-1/3 cents per pound.....	1.5¢ per lb.	6¢ per lb.
624.54	Valued over 13-1/3 cents per pound.....	11.25% ad val.	45% ad val.

^{1/} Unwrought lead and lead waste and scrap are subject to quotas pursuant to an escape-clause proclamation. See part 2A of the Appendix to the Tariff Schedules.

TARIFF SCHEDULES OF THE UNITED STATES

284

SCHEDULE 6. - METALS AND METAL PRODUCTS
 Part 2. - Metals, Their Alloys, and Their Basic Shapes and Forms

Item	Articles	Rates of Duty	
		1	2
	<p style="text-align: center;">Subpart H. - Zinc</p> <p><u>Subpart H headnotes:</u></p> <p>1. This subpart covers zinc, its alloys, and their basic shapes and forms, and also includes zinc waste and scrap.</p> <p>2. <u>Alloys of zinc:</u> For the purposes of the tariff schedules, alloys of zinc are metals in which zinc predominates by weight over each of the other metal components, and which contain one or more of the following elements in the quantity by weight, respectively indicated:</p> <ul style="list-style-type: none"> over 1.8 percent of any one or more of the metals lead, cadmium, and iron, or over 0.5 percent of aluminum, or over 1.0 percent of copper, or over 0.08 percent of titanium, or over 0.1 percent of any other metallic element. <p>In the absence of context which requires otherwise, the term "zinc", wherever used in the tariff schedules, includes alloys of zinc.</p> <p>3. For the purposes of this subpart, the following terms have the meanings indicated:</p> <p>(a) <u>Plates, sheets, and strips:</u> Products of solid rectangular cross section, in coils or cut to length, whether or not corrugated or crimped. Plates are 0.375 inch or more in thickness and over 12 inches in width; sheets and strips are under 0.375 inch but not under 0.006 inch in thickness.</p> <p>(b) <u>Bars:</u> Products of solid rectangular, hexagonal, or octagonal cross section, in coils or cut to length, which if rectangular are 0.375 inch or more in thickness but not over 12 inches in width, and which if hexagonal or octagonal are 0.375 inch or more for the perpendicular distance between opposite faces.</p> <p>(c) <u>Rods:</u> Products of solid round cross section which if 0.375 inch or more in diameter are in coils or cut to length, and which if under 0.375 inch in diameter are in straight lengths.</p> <p>(d) <u>Wire:</u> A product of solid round cross section under 0.375 inch in diameter, in coils.</p> <p>(e) <u>Angles, shapes, and sections:</u> Products which do not conform completely to the respective definitions set forth in this headnote for plates, sheets, strips, bars, rods, or wire and do not include any tubular products.</p>		

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 2. - Metals, Their Alloys, and Their Basic Shapes and Forms

285

Item	Articles	Rates of Duty	
		1	2
626.02	Unwrought zinc: ^{1/}		
626.04	Other than alloys of zinc.....	0.7¢ per lb.	1.75¢ per lb.
	Alloys of zinc.....	19% ad val.	45% ad val.
626.10	Zinc waste and scrap ^{1/}	0.75¢ per lb.	1.5¢ per lb.
	Plates, sheets, and strip, all the foregoing which are wrought, of zinc, whether or not cut, pressed, or stamped to nonrectangular shapes:		
	Not clad:		
	Other than alloys of zinc:		
	Not cut, not pressed, and not stamped to nonrectangular shapes:		
626.15	Rolled in one direction only.....	19% ad val.	45% ad val.
	Rolled and cross rolled:		
626.17	Not coated or plated with metal.....	1¢ per lb.	2¢ per lb.
626.18	Coated or plated with metal....	1.125¢ per lb.	2.25¢ per lb.
626.20	Cut, stamped, or pressed to nonrectangular shapes.....	19% ad val.	45% ad val.
626.22	Alloys of zinc.....	19% ad val.	45% ad val.
626.24	Clad.....	24% ad val.	30% ad val.
	Zinc wire:		
626.30	Not coated or plated with metal.....	12.5% ad val.	25% ad val.
626.31	Coated or plated with metal.....	0.1¢ per lb. + 12.5% ad val.	0.2¢ per lb. + 25% ad val.
626.35	Bars, rods, angles, shapes and sections, all the foregoing which are wrought, of zinc.....	19% ad val.	45% ad val.
	Zinc powders and flakes:		
626.40	Dust.....	0.7¢ per lb.	1.75¢ per lb.
626.42	Other.....	19% ad val.	45% ad val.
626.45	Pipes and tubes and blanks therefor, pipe and tube fittings, all the foregoing of zinc.....	19% ad val.	45% ad val.

^{1/} Unwrought zinc and zinc waste and scrap are subject to quotas pursuant to an escape-clause proclamation. See part 2A of the Appendix to the Tariff Schedules.

TARIFF SCHEDULES OF THE UNITED STATES

286

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 2. - Metals, Their Alloys, and Their Basic Shapes and Forms

Item	Articles	Rates of Duty	
		1	2
	<p>Subpart J. - Beryllium, Columbium, Germanium, Hafnium, Indium, Magnesium, Molybdenum, Rhenium, Tantalum, Titanium, Tungsten, Uranium, and Zirconium</p> <p><u>Subpart J headnotes:</u></p> <p>1. This subpart covers the metals beryllium, columbium, germanium, hafnium, indium, magnesium, molybdenum, rhenium, tantalum, titanium, tungsten, uranium, and zirconium, and their alloys, unwrought and wrought, and also includes the waste and scrap of these metals.</p> <p>2. <u>Alloys:</u> For the purposes of the tariff schedules, alloys of each of the base metals provided for in this subpart are metals in which the content of the respective base metal is, by weight, less than 99.0 percent, but not less than any other metallic element. In the absence of context which requires otherwise, a reference to one of the base metals by name, wherever used in the tariff schedules, includes alloys of such base metal.</p>		
	Beryllium, unwrought and wrought; beryllium waste and scrap:		
628.05	Unwrought, and waste and scrap ^{1/}	17% ad val.	25% ad val.
628.10	Wrought.....	18% ad val.	45% ad val.
	Columbium, unwrought and wrought; columbium waste and scrap:		
628.15	Unwrought, other than alloys; and waste and scrap ^{1/}	10% ad val.	25% ad val.
628.17	Unwrought, alloys.....	15% ad val.	25% ad val.
628.20	Wrought.....	18% ad val.	45% ad val.
	Germanium, unwrought and wrought; germanium waste and scrap:		
628.25	Unwrought, and waste and scrap ^{1/}	10.5% ad val.	25% ad val.
628.30	Wrought.....	18% ad val.	45% ad val.
	Hafnium, unwrought and wrought; hafnium waste and scrap:		
628.35	Unwrought, and waste and scrap ^{1/}	10.5% ad val.	25% ad val.
628.40	Wrought.....	18% ad val.	45% ad val.
	Indium, unwrought and wrought; indium waste and scrap:		
628.45	Unwrought, and waste and scrap ^{1/}	10.5% ad val.	25% ad val.
628.50	Wrought.....	18% ad val.	45% ad val.
	Magnesium, unwrought and wrought; magnesium waste and scrap:		
628.55	Unwrought, other than alloys; and waste and scrap ^{1/}	40% ad val.	100% ad val.
628.57	Unwrought, alloys.....	16¢ per lb. on magnesium content + 8% ad val.	40¢ per lb. on magnesium content + 20% ad val.
628.59	Wrought.....	13.5¢ per lb. on magnesium content + 7% ad val.	40¢ per lb. on magnesium content + 20% ad val.
	^{1/} The duty on waste and scrap has been suspended to June 30, 1964. See Appendix to Tariff Schedules.		

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 2. - Metals, Their Alloys, and Their Basic Shapes and Forms

287

Item	Articles	Rates of Duty	
		1	2
628.70	Molybdenum, unwrought and wrought; molybdenum waste and scrap:		
628.72	Waste and scrap ^{1/}	21% ad val.	50% ad val.
	Unwrought.....	20¢ per lb. on molybdenum content + 6% ad val.	50¢ per lb. on molybdenum content + 15% ad val.
628.74	Wrought.....	25.5% ad val.	60% ad val.
628.90	Rhenium, unwrought and wrought; rhenium waste and scrap:		
628.95	Unwrought, and waste and scrap ^{1/}	10.5% ad val.	25% ad val.
	Wrought.....	18% ad val.	45% ad val.
629.05	Tantalum, unwrought and wrought; tantalum waste and scrap:		
629.07	Unwrought, other than alloys; and waste and scrap ^{1/}	10% ad val.	25% ad val.
629.10	Unwrought alloys.....	15% ad val.	25% ad val.
	Wrought.....	18% ad val.	45% ad val.
629.15	Titanium, unwrought and wrought; titanium waste and scrap:		
629.20	Unwrought, and waste and scrap ^{1/}	20% ad val.	25% ad val.
	Wrought.....	18% ad val.	45% ad val.
629.25	Tungsten, unwrought and wrought; tungsten waste and scrap:		
	Waste and scrap:		
	Containing by weight not over 50 percent of tungsten.....	42¢ per lb. on tungsten content + 12.5% ad val.	60¢ per lb. on tungsten content + 25% ad val.
629.26	Containing by weight over 50 percent of tungsten.....	21% ad val.	50% ad val.
629.28	Unwrought:		
	Other than alloys:		
	Lumps, grains, and powders.....	42¢ per lb. on tungsten content + 25% ad val.	60¢ per lb. on tungsten content + 50% ad val.
629.29	Ingots and shot.....	21% ad val.	50% ad val.
629.30	Other.....	25.5% ad val.	60% ad val.
629.32	Alloys:		
	Containing by weight not over 50 percent of tungsten.....	42¢ per lb. on tungsten content + 12.5% ad val.	60¢ per lb. on tungsten content + 25% ad val.
629.33	Containing by weight over 50 percent of tungsten.....	25.5% ad val.	60% ad val.
629.35	Wrought.....	25.5% ad val.	60% ad val.
629.50	Uranium, wrought and unwrought; uranium waste and scrap ^{1/}	25% ad val.	45% ad val.
629.60	Zirconium, wrought and unwrought; zirconium waste and scrap:		
629.62	Unwrought, other than alloys; and waste and scrap ^{1/}	12.5% ad val.	25% ad val.
629.65	Unwrought alloys.....	15% ad val.	25% ad val.
	Wrought.....	18% ad val.	45% ad val.

^{1/} The duty on waste and scrap has been suspended to June 30, 1964. See Appendix to Tariff Schedules.

TARIFF SCHEDULES OF THE UNITED STATES

288

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 2. - Metals, Their Alloys, and Their Basic Shapes and Forms

Item	Articles	Rates of Duty	
		1	2
	Subpart K. - Other Base Metals		
	Subpart K headnotes:		
	1. This subpart covers base metals not provided for in subparts B through J of this part, and their alloys, wrought and unwrought, and also includes the waste and scrap of such base metals. This subpart does not cover ferrocerium and other pyrophoric alloys (see part 9A of schedule 7).		
	2. <u>Alloys:</u> For the purposes of the tariff schedules, alloys of each of the base metals provided for in this subpart are metals in which the content of the respective base metal is, by weight, less than 99.0 percent, but not less than any other metallic element. In the absence of context which requires otherwise, a reference to one of the base metals by name, wherever used in the tariff schedules, includes alloys of such base metal.		
	Other base metals, unwrought, and waste and scrap of such metals:		
	Other than alloys; and waste and scrap: ^{1/}		
632.02	Antimony.....	2¢ per lb.	2¢ per lb.
632.04	Arsenic.....	2.5¢ per lb.	6¢ per lb.
632.06	Barium.....	10% ad val.	25% ad val.
632.10	Bismuth.....	1.875¢ ad val.	7.5% ad val.
632.12	Boron.....	10% ad val.	25% ad val.
632.14	Cadmium.....	3.75¢ per lb.	15¢ per lb.
632.16	Calcium.....	15% ad val.	25% ad val.
632.18	Chromium.....	10.5% ad val.	30% ad val.
632.20	Cobalt.....	Free	Free
632.24	Gallium.....	10.5% ad val.	25% ad val.
632.32	Manganese.....	1.875¢ per lb. + 15% ad val.	1.875¢ per lb. + 15% ad val.
632.34	Mercury.....	25¢ per lb.	25¢ per lb.
632.38	Rare-earth metals (including scandium and yttrium).....	10.5% ad val.	25% ad val.
632.40	Selenium.....	Free	Free
632.42	Silicon: Containing by weight not over 99.7 percent of silicon.....	4¢ per lb. on silicon content	8¢ per lb. on silicon content
632.43	Containing by weight over 99.7 percent of silicon.....	10.5% ad val.	25% ad val.
632.46	Strontium.....	10% ad val.	25% ad val.
632.48	Tellurium.....	8% ad val.	25% ad val.
632.50	Thallium.....	10.5% ad val.	25% ad val.
632.52	Thorium.....	12.5% ad val.	25% ad val.
632.58	Vanadium.....	10% ad val.	25% ad val.
	Alloys of base metals:		
632.60	Alloys of antimony: Containing by weight 85 percent or more of antimony.....	2¢ per lb.	2¢ per lb.
632.62	Other.....	18% ad val.	45% ad val.
632.64	Alloys of bismuth: Containing by weight not less than 30 percent of lead.....	1.0625¢ per lb. on lead content	2.125¢ per lb. on lead content
632.66	Other.....	18% ad val.	45% ad val.
	^{1/} The duty on waste and scrap has been suspended to June 30, 1964. See Appendix to Tariff Schedules.		

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
 Part 2. - Metals, Their Alloys, and Their Basic Shapes and Forms

289

Item	Articles	Rates of Duty	
		1	2
632.68	Other base metals, unwrought, etc. (con.): Alloys of base metals (con.): Alloys of barium, boron, calcium, strontium, thorium, or vanadium..... Alloys of rare-earth metals (including scandium and yttrium):	15% ad val.	25% ad val.
632.78	Alloys wholly or almost wholly of rare- earth metals (misch metal).....	\$1 per lb.	\$2 per lb.
632.79	Other.....	\$1 per lb. + 12.5% ad val.	\$2 per lb. + 25% ad val.
632.84	Other alloys, unwrought.....	18% ad val.	45% ad val.
633.00	Other base metals, wrought.....	18% ad val.	45% ad val.

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 3. - Metal Products

291

Item	Articles	Rates of Duty	
		1	2
	<p align="center">PART 3. - METAL PRODUCTS</p> <p><u>Part 3 headnotes:</u></p> <p>1. For the purposes of this part -- (a) "wire" is deemed to be a base-metal product which conforms to the respective cross-sectional measurements for base-metal wires in part 2, whether or not conforming otherwise to the specifications set forth therein. In the provisions of this part which describe wire in terms of its cross-sectional dimension, the dimension specified is that of such wire without its metal coating, if any.</p> <hr/> <p align="center">Subpart A. - Metallic Containers</p> <p><u>Subpart A headnotes:</u></p> <p>1. The provisions in this subpart for containers include such containers whether or not equipped with fittings such as taps, valves, level gauges, and manometers. This subpart, however, does not include-- (i) containers with provision made for circulating heating or cooling fluids between the walls, or with mechanical or thermal equipment such as agitators, heating or cooling coils, or electrical elements (see parts 4 and 5 of this schedule); (ii) luggage, handbags, or flat goods (see part 10 of schedule 7); (iii) furniture (see part 4 of schedule 7); (iv) cases for musical instruments (see part 3B of schedule 7); or (v) articles of precious metal or rolled precious metal, or articles coated or plated with precious metal.</p> <p>2. General principles with respect to containers are set forth in headnote 6 of the General Headnotes. Special classification provisions relating to substantial containers suitable for reuse are included in parts 1C and 5C of schedule 8.</p> <hr/> <p>Metal pressure containers designed and used for the transport and storage of compressed gases:</p> <p>640.05 Of stainless steel.....</p> <p>640.10 Other.....</p> <p>Drums, flasks, casks, cans, boxes, lift vans, and other containers (except pressure containers in items 640.05 and 640.10 and collapsible tubes in item 640.40), all the foregoing, of base metal, chiefly used in the packing, transporting, or marketing of goods:</p> <p>640.20 Of stainless steel.....</p> <p>640.25 Of aluminum and having a capacity of not over 5 gallons.....</p> <p>640.30 Other.....</p>	<p>15% ad val.</p> <p>10% ad val.</p> <p></p> <p>15% ad val.</p> <p>19% ad val.</p> <p>10% ad val.</p>	<p>35% ad val.</p> <p>25% ad val.</p> <p></p> <p>35% ad val.</p> <p>45% ad val.</p> <p>25% ad val.</p>

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 3. - Metal Products

292

Item	Articles	Rates of Duty	
		1	2
640.35	Reservoirs, tanks, vats, and other containers, all the foregoing, of metal, having a capacity over 75 gallons and ordinarily installed as fixtures in industrial plants or elsewhere for storage or manufacturing use..	13.5% ad val.	45% ad val.
640.40	Collapsible tubes of metal.....	12% ad val.	45% ad val.
	Subpart B. - Wire Cordage; Wire Screen, Netting and Fencing; Bale Ties		
	<u>Subpart B headnote:</u>		
	1. This subpart does not cover —		
	(i) articles of precious metal or rolled precious metal, or articles coated or plated with precious metal;		
	(ii) insulated electric conductors or uninsulated electric conductors specially provided for in part 5 of this schedule;		
	(iii) textile articles of metallic yarns;		
	(iv) reinforced or laminated plastics (see part 12A of schedule 7);		
	(v) asbestos, ceramics, or glass products containing a wire netting (see schedule 5); or		
	(vi) building papers or felts reinforced with wire (see part 4B of schedule 2).		
	—		
642.02	Barbed wire.....	Free	Free
	Strands, ropes, cables, and cordage, all the foregoing, of wire, whether or not cut to length, and whether or not fitted with hooks, swivels, clamps, clips, thimbles, sockets, or other fittings or made up into slings, cargo nets, or similar articles:		
	Not fitted with fittings and not made up into articles:		
	Not covered with textile or other nonmetallic material:		
	Wire strand:		
642.06	Of nickel.....	14% ad val.	35% ad val.
642.08	Of stainless steel.....	20% ad val.	45% ad val.
642.10	Other.....	15% ad val.	35% ad val.
	Ropes, cables, and cordage other than wire strand:		
642.12	Valued under 13 cents per pound....	1.1¢ per lb.	4.5¢ per lb.
	Valued 13 cents or more per pound:		
642.14	Of stainless steel.....	13.5% ad val.	45% ad val.
642.16	Other.....	8.5% ad val.	35% ad val.
642.18	Covered with textile or other nonmetallic material.....	15% ad val.	35% ad val.
642.20	Fitted with fittings, or made up into articles.....	19% ad val.	45% ad val.
	Cylinder wires, suitable for use in paper-making machines (whether or not parts of, or fitted or attached to, such machines), and woven-wire cloth suitable for use in the manufacture of Fourdrinier wires or cylinder wires suitable for use in paper-making machines:		
642.25	Having more than 55 meshes per lineal inch in warp or filling.....	50% ad val.	75% ad val.
642.27	Other.....	35% ad val.	50% ad val.

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 3. - Metal Products

293

Item	Articles	Rates of Duty	
		1	2
642.30	Fourdrinier wires, seamed or not seamed, suitable for use in paper-making machines (whether or not parts of, or fitted or attached to, such machines).....	50% ad val.	75% ad val.
642.35	Galvanized wire fencing wholly of round iron or steel wire measuring not over 0.20 inch and not under 0.08 inch in diameter, whether or not such wire is covered with plastics.....	0.25¢ per lb.	0.5¢ per lb.
	Cloth, gauze, fabric, screen, netting, and fencing, all the foregoing not specially provided for, of wire, whether in rolls, in endless bands, or in lengths, and whether or not cut to shape: Not cut to shape: Woven (but of other than simple warp and weft construction) and composed wholly or in substantial part of wire measuring under 0.08 inch in maximum cross-sectional dimension:		
642.45	Coated with metal before weaving.....	21% ad val.	50% ad val.
642.47	Coated with metal after weaving..... Woven (of simple warp and weft construction): With meshes not finer than 30 wires to the lineal inch in warp or filling: Of stainless steel: Valued not over 7.5 cents per square foot.....	25.5% ad val.	60% ad val.
642.50	Valued over 7.5 cents per square foot.....	0.75¢ per sq. ft. + 5% ad val.	1¢ per sq. ft. + 10% ad val.
642.52	Valued over 7.5 cents per square foot.....	15% ad val.	35% ad val.
642.54	Of copper: Valued not over 7.5 cents per square foot.....	0.75¢ per sq. ft. + 1.275¢ per lb.	1¢ per sq. ft. + 3¢ per lb.
642.56	Valued over 7.5 cents per square foot.....	1.275¢ per lb. + 10% ad val.	3¢ per lb. + 25% ad val.
642.58	Other: Valued not over 7.5 cents per square foot.....	0.75¢ per sq. ft.	1¢ per sq. ft.
642.60	Valued over 7.5 cents per square foot..... With meshes finer than 30 but not finer than 90 wires to the lineal inch in warp or filling: Of stainless steel: Valued not over 21.25 cents per square foot.....	10% ad val.	25% ad val.
642.62	Valued over 21.25 cents per square foot.....	2.125¢ per sq. ft. + 5% ad val.	4.25¢ per sq. ft. + 10% ad val.
642.64	Valued over 21.25 cents per square foot.....	15% ad val.	50% ad val.
642.66	Of copper: Valued not over 21.25 cents per square foot.....	2.125¢ per sq. ft. + 1.275¢ per lb.	4.25¢ per sq. ft. + 3¢ per lb.
642.68	Valued over 21.25 cents per square foot.....	1.275¢ per lb. + 10% ad val.	3¢ per lb. + 40% ad val.
642.70	Other: Valued not over 21.25 cents per square foot.....	2.125¢ per sq. ft.	4.25¢ per sq. ft.
642.72	Valued over 21.25 cents per square foot..... With meshes finer than 90 wires to the lineal inch in warp or filling: Of stainless steel.....	10% ad val.	40% ad val.
642.74	Of copper.....	30% ad val.	60% ad val.
642.76	Of copper.....	1.275¢ per lb. + 25% ad val.	3¢ per lb. + 50% ad val.
642.78	Other.....	25% ad val.	50% ad val.

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 3. - Metal Products

294

Item	Articles	Rates of Duty	
		1	2
	Cloth, gauze, fabric, screen, etc. (con.):		
	Not cut to shape (con.):		
	Other:		
642.80	Of iron or steel.....	19% ad val.	45% ad val.
642.82	Other.....	16% ad val.	45% ad val.
	Cut to shape:		
642.85	Of copper.....	1.275¢ per lb. + 13.5% ad val.	3¢ per lb. + 35% ad val.
642.87	Other.....	14% ad val.	35% ad val.
	Bale ties, of iron or steel, with or without buckles or fastenings and whether or not coated with paint or other substance:		
	Made from wire:		
642.90	Single loop ties, made of round wire over 0.055 but not over 0.082 inch in diameter, and 7.5 or more but not over 10.5 feet in length.....	Free	Free
642.91	Other.....	19% ad val.	45% ad val.
642.93	Made from strip.....	0.05¢ per lb.	0.25¢ per lb.
	Milliners' wire and other wire covered with textile or other material not wholly of metal:		
642.96	Galvanized wire wholly of round iron or steel wire measuring not over 0.20 inch and not under 0.08 inch in diameter, if covered with plastics.....	0.25¢ per lb.	0.5¢ per lb.
642.97	Other.....	15% ad val.	35% ad val.
	Subpart C. - Metal Leaf and Foil; Metallics		
	Base metal foil (whether or not embossed, cut to shape, perforated, etched, coated, printed, colored, deco- rated, or backed with paper or equivalent backing) not over 0.006 inch in thickness (excluding any coat- ing or backing):		
	Not backed and not cut to shape:		
644.02	Copper foil.....	3¢ per lb.	5.5¢ per lb.
	Aluminum foil:		
644.06	Etched capacitor foil.....	17% ad val.	40% ad val.
	Other:		
	Not over 0.00035 inch in thickness:		
644.08	Valued not over 55 cents per pound.....	11¢ per lb.	22¢ per lb.
644.09	Valued over 55 cents per pound	20% ad val.	40% ad val.
	Over 0.00035 inch in thickness:		
644.11	Valued not over 55 cents per pound.....	9.25¢ per lb.	22¢ per lb.
644.12	Valued over 55 cents per pound.....	17% ad val.	40% ad val.
644.15	Tin foil.....	35% ad val.	35% ad val.
	Lead foil:		
644.17	Valued not over 13-1/3 cents per pound...	1.5¢ per lb.	3¢ per lb.
644.18	Valued over 13-1/3 cents per pound.....	11.25% ad val.	45% ad val.
644.20	Zinc foil.....	19% ad val.	45% ad val.
644.22	Other foil.....	18% ad val.	45% ad val.
	Cut to shape, but not backed:		
644.24	Copper foil.....	1.275¢ per lb. + 20% ad val.	3¢ per lb. + 45% ad val.
644.26	Aluminum foil.....	19% ad val.	45% ad val.
644.28	Lead foil.....	11.25% ad val.	45% ad val.
644.30	Zinc foil.....	19% ad val.	45% ad val.
644.32	Other foil.....	18% ad val.	45% ad val.

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 3. - Metal Products

295

Item	Articles	Rates of Duty	
		1	2
	Base metal foil, etc. (con.): Backed, whether or not cut to shape: Covered or decorated with a character, design, fancy effect, or pattern:		
644.36	Copper foil.....	5.25¢ per lb. + 8% ad val.	8¢ per lb. + 20% ad val.
644.38	Other foil.....	4¢ per lb. + 8% ad val.	5¢ per lb. + 20% ad val.
	Other:		
644.40	Copper foil.....	3.25¢ per lb. + 8% ad val.	8¢ per lb. + 20% ad val.
644.42	Other foil.....	2¢ per lb. + 8% ad val.	5¢ per lb. + 20% ad val.
	Precious metal leaf, whether unmounted or mounted on paper or equivalent backing:		
	Gold leaf:		
	Unmounted:		
644.46	Leaves not over 11.40 square inches in area.....	82.5¢ per 100 leaves	82.5¢ per 100 leaves.
644.48	Leaves over 11.40 square inches in area.....	82.5¢ for each 1,140 sq. in.	82.5¢ for each 1,140 sq. in.
644.52	Mounted.....	6.75¢ per 100 sq. in. + 25% ad val.	6.75¢ per 100 sq. in. + 25% ad val.
644.56	Silver leaf.....	5¢ per 100 leaves	5¢ per 100 leaves
644.60	Platinum leaf.....	40% ad val.	65% ad val.
	Base metal, in leaf:		
	Aluminum, in leaf:		
	Powder or flakes, in leaf:		
644.64	Leaves not over 30.25 square inches in area.....	6¢ per 100 leaves + 10% ad val.	6¢ per 100 leaves + 10% ad val.
644.68	Leaves over 30.25 square inches in area.....	6¢ for each 3,025 sq. in. + 10% ad val.	6¢ for each 3,025 sq. in. + 10% ad val.
	Other:		
644.72	Leaves not over 30.25 square inches in area.....	3¢ per 100 leaves	6¢ per 100 leaves
644.76	Leaves over 30.25 square inches in area.....	3¢ for each 3,025 sq. in.	6¢ for each 3,025 sq. in.
	Copper, in leaf:		
	Powder or flakes, in leaf:		
644.80	Leaves not over 30.25 square inches in area.....	6¢ per 100 leaves + 10% ad val.	6¢ per 100 leaves + 10% ad val.
644.84	Leaves over 30.25 square inches in area.....	6¢ for each 3,025 sq. in. + 10% ad val.	6¢ for each 3,025 sq. in. + 10% ad val.
	Other:		
644.88	Leaves not over 30.25 square inches in area.....	4.5¢ per 100 leaves	6¢ per 100 leaves
644.92	Leaves over 30.25 square inches in area.	4.5¢ for each 3,025 sq. in.	6¢ for each 3,025 sq. in.
644.95	Embossing and stamping materials comprised of metallic powder or flakes, or pigments, mounted on paper or similar backing, and releasable from the backing by means of heat and pressure.....	0.3¢ per 100 sq. in.	0.375¢ per 100 sq. in.
644.98	Metallic flitters.....	13.25¢ per lb.	13.25¢ per lb.

TARIFF SCHEDULES OF THE UNITED STATES

296

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 3. - Metal Products

Item	Articles	Rates of Duty	
		1	2
	<p>Subpart D. - Nails, Screws, Bolts, and Other Fasteners; Locks; Builders' Hardware; Furniture, Luggage, and Saddlery Hardware</p> <p><u>Subpart D headnotes:</u></p> <p>1. The provisions of this subpart do not cover articles coated or plated with precious metals unless such articles are specifically included therein.</p>		
	<p>Thumb tacks:</p>		
646.02	Of two or more pieces of iron or steel, whether or not having heads coated or covered with plastics or other material.....	3.2¢ per lb	4.5¢ per lb.
646.04	Of copper.....	16% ad val.	45% ad val.
646.06	Other.....	0.9¢ per lb.	0.9¢ per lb.
	<p>Drive pins, studs, and other fasteners, all the foregoing, whether threaded or not threaded, suitable for use in powder-actuated hand tools:</p>		
646.15	Not threaded.....	0.25¢ per lb.	0.7¢ per lb.
646.17	Threaded.....	15.5% ad val.	45% ad val.
646.20	Staples in strip form.....	1¢ per lb.	2¢ per lb.
646.22	Corrugated fasteners, glaziers' points, hook nails, and ring nails.....	19% ad val.	45% ad val.
	<p>Brads, nails, spikes, staples, and tacks, all the foregoing, not described in the foregoing provisions of this subpart, of base metal:</p>		
	<p>Of iron or steel (except articles with heads of nonferrous metals):</p>		
	<p>Of one piece construction:</p>		
	<p>Made of round wire:</p>		
	<p>Under 1 inch in length and under 0.065 inch in diameter.....</p>	0.5¢ per lb.	0.75¢ per lb.
646.25			
	<p>1 inch or more in length and 0.065 inch or more in diameter...</p>	0.2¢ per lb.	0.4¢ per lb.
646.26			
	<p>Out:</p>		
	<p>Not over 2 inches in length.....</p>	8% ad val.	15% ad val.
646.27			
	<p>Over 2 inches in length.....</p>	0.2¢ per lb.	0.4¢ per lb.
646.28			
	<p>Other.....</p>	1.2¢ per lb.	1.5¢ per lb.
646.30			
	<p>Of two or more pieces.....</p>	3.2¢ per lb.	4.5¢ per lb.
646.32			
	<p>Of copper.....</p>	16% ad val.	45% ad val.
646.34			
	<p>Other.....</p>	19% ad val.	45% ad val.
646.36			
	<p>Rivets of base metal:</p>		
	<p>Of iron or steel and not brightened, not lathed, and not machined.....</p>	0.5¢ per lb.	1¢ per lb.
646.40			
	<p>Other.....</p>	14% ad val.	45% ad val.
646.41			
	<p>Cotters, cotter pins, and fasteners or holders (except nuts) used with screws, bolts, or studs, all the foregoing of base metal.....</p>	19% ad val.	45% ad val.
646.42			
	<p>Furniture glides of base metal:</p>		
	<p>Of two or more pieces of iron or steel.....</p>	3.6¢ per lb.	4.5¢ per lb.
646.45			
	<p>Other.....</p>	19% ad val.	45% ad val.
646.47			

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 3. - Metal Products

297

Item	Articles	Rates of Duty	
		1	2
646.49	Wood screws (including lag screws or bolts) of base metal: Of iron or steel.....	12.5% ad val.	25% ad val.
646.51	Other: Having shanks or threads not over 0.12 inch in diameter.....	23.5% ad val.	45% ad val.
646.53	Having shanks or threads over 0.12 inch in diameter.....	18% ad val.	45% ad val.
	Bolts, nuts, studs and studding, screws, and washers (including bolts and their nuts imported in the same shipment, and assembled bolts or screws and washers, with or without nuts); screw eyes, screw hooks and screw rings; turnbuckles, all the foregoing not described in the foregoing provisions of this subpart, of base metal: Of iron or steel:		
646.54	Bolts and bolts and their nuts imported in the same shipment.....	0.5¢ per lb.	1¢ per lb.
646.56	Nuts.....	0.3¢ per lb.	0.6¢ per lb.
646.57	Studs and studding.....	14.5% ad val.	45% ad val.
	Screws:		
646.58	Machine screws 0.375 inch or more in length and 0.125 inch or more in diameter (not including cap screws)...	0.5¢ per lb.	1¢ per lb.
	Other:		
646.60	Having shanks or threads not over 0.24 inch in diameter.....	22.5% ad val.	45% ad val.
646.63	Having shanks or threads over 0.24 inch in diameter.....	19% ad val.	45% ad val.
	Washers:		
646.65	Spiral and other lock washers.....	20% ad val.	35% ad val.
646.70	Other.....	0.3¢ per lb.	0.6¢ per lb.
646.72	Assembled bolts or screws and washers; screw eyes, screw hooks and screw rings; turnbuckles.....	19% ad val.	45% ad val.
	Of other base metal:		
	Bolts, nuts, screws, and washers (including bolts and their nuts imported in the same shipment):		
646.74	Muntz or yellow metal bolts.....	3¢ per lb.	6.5¢ per lb.
	Other:		
646.75	Having shanks, threads, or holes not over 0.24 inch in diameter...	23.5% ad val.	45% ad val.
646.76	Having shanks, threads, or holes over 0.24 inch in diameter.....	18% ad val.	45% ad val.
646.77	Studs and studding.....	16% ad val.	45% ad val.
646.78	Assembled bolts or screws and washers; screw eyes, screw hooks and screw rings; turnbuckles.....	19% ad val.	45% ad val.

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 3. - Metal Products

298

Item	Articles	Rates of Duty	
		1	2
	Locks and padlocks (whether key, combination, or electrically operated), luggage frames incorporating locks, all the foregoing, and parts thereof, of base metal; lock keys:		
	Padlocks:		
	Not of cylinder or pin tumbler construction:		
646.80	Not over 1.5 inches in width.....	12¢ per doz. + 8% ad val.	35¢ per doz. + 20% ad val.
646.81	Over 1.5 but not over 2.5 inches in width.....	18¢ per doz. + 8% ad val.	50¢ per doz. + 20% ad val.
646.82	Over 2.5 inches in width.....	37.5¢ per doz. + 10% ad val.	75¢ per doz. + 20% ad val.
	Of cylinder or pin tumbler construction:		
646.83	Not over 1.5 inches in width.....	50¢ per doz. + 10% ad val.	\$1 per doz. + 20% ad val.
646.84	Over 1.5 but not over 2.5 inches in width.....	60¢ per doz. + 8% ad val.	\$1.50 per doz. + 20% ad val.
646.85	Over 2.5 inches in width.....	80¢ per doz. + 8% ad val.	\$2 per doz. + 20% ad val.
	Cabinet locks:		
	Not of cylinder or pin tumbler construction:		
646.86	Not over 1.5 inches in width.....	30¢ per doz. + 8.5% ad val.	70¢ per doz. + 20% ad val.
646.87	Over 1.5 but not over 2.5 inches in width.....	43¢ per doz. + 10% ad val.	\$1 per doz. + 20% ad val.
646.88	Over 2.5 inches in width.....	65¢ per doz. + 8.5% ad val.	\$1.50 per doz. + 20% ad val.
646.89	Of cylinder or pin tumbler construction.....	80¢ per doz. + 8% ad val.	\$2 per doz. + 10% ad val.
646.90	Luggage locks, and parts thereof, and luggage frames incorporating locks.....	22.5% ad val.	45% ad val.
646.92	Other.....	19% ad val.	45% ad val.
646.95	Door closers and parts thereof, of base metal.....	11.5% ad val.	45% ad val.
	Harness and saddlery or riding-bridle hardware whether or not coated or plated with precious metal:		
646.97	Not coated or plated with precious metal.....	12.5% ad val.	50% ad val.
646.98	Coated or plated with precious metal.....	15% ad val.	60% ad val.
	Hinges; and fittings and mountings not specially provided for, suitable for furniture, doors, windows, blinds, staircases, luggage, vehicle coach work, caskets, cabinets, and similar uses; all the foregoing, of base metal, whether or not coated or plated with precious metal:		
	Not coated or plated with precious metal:		
647.00	Of iron or steel, of aluminum, or of zinc...	19% ad val.	45% ad val.
647.05	Other.....	16% ad val.	45% ad val.
647.10	Coated or plated with precious metal.....	40% ad val.	65% ad val.

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 3. - Metal Products

299

Item	Articles	Rates of Duty	
		1	2
	<p>Subpart E. - Tools, Cutlery, Forks and Spoons</p> <p><u>Subpart E headnotes:</u></p> <p>1. Except for blow and other torches (items 649.31 and 649.32), abrasive wheels mounted on frame-works (item 649.39), tool tips and forms for making tool tips (item 649.53), sewing sets, pedicure or manicure sets, or combinations thereof (items 651.11 and 651.13), and except for knives, forks, spoons, and ladles, all the foregoing which are kitchen or table ware of precious metal, this subpart covers only articles with a blade, working edge, working surface or other working part of —</p> <ul style="list-style-type: none"> (i) base metal; (ii) metallic carbides on a support of base metal; (iii) natural or synthetic precious or semiprecious stones on a support of base metal; or (iv) abrasive materials on a support of base metal, provided that the articles have other functioning or working elements such as cutting teeth, edges, grooves, or flutes. <p>2. In determining the length of files and rasps (items 649.01-.07, inclusive), the tang (if any) should not be included.</p> <p>3. The provisions for "<u>interchangeable tools for hand tools or for machine tools</u>" cover interchangeable tools which are designed to be fitted to hand tools or machine tools and which cannot be used independently, and include, but are not limited to, interchangeable tools for pressing, stamping, drilling, tapping, threading, boring, broaching, milling, cutting, dressing, mortising or screw-driving, but do not include saw blades, knives, or cutting blades, and do not include holding or operating devices even if attached to such interchangeable tools.</p> <p>4. The provisions in this subpart which specifically refer to kitchen or table ware, or to table, kitchen, or household utensils, include articles of types which are used outdoors as well as those which are used indoors.</p> <p>5. For the purposes of determining the rate of duty applicable to sets provided for in item 651.75, a specific rate of duty or a compound rate of duty for any article in the set shall be converted to its ad valorem equivalent rate, i.e., the ad valorem rate which, when applied to the full value of the article determined in accordance with section 402 or 402a of this Act, would provide the same amount of duties as the specific or compound rate.</p> <p>6. Cases, boxes, or containers of types ordinarily sold at retail with the tools or other articles provided for in this subpart are classifiable with such articles if imported therewith.</p>		

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 3. - Metal Products

300

Item	Articles	Rates of Duty	
		1	2
	Drainage tools, scoops, shovels, spades, picks, mattocks, hoes, rakes, and forks; axes, adzes, hatchets, machetes, and similar hewing tools; scythes, sickles, grass hooks, corn knives, hay knives, hedge and grass shears, pruning shears and sheep shears; all the foregoing which are hand tools, and metal parts thereof:		
648.51	Drainage tools, scoops, shovels, and spades, and parts thereof.....	7.5% ad val.	30% ad val.
648.53	Picks and mattocks, and parts thereof.....	19% ad val.	45% ad val.
648.55	Hoes and rakes, and parts thereof:		
	Agricultural or horticultural tools, and parts thereof.....	7.5% ad val.	15% ad val.
648.57	Other.....	15% ad val.	30% ad val.
648.61	Forks, and parts thereof:		
	Agricultural or horticultural forks, and parts thereof (except hay and manure forks).....	7.5% ad val.	15% ad val.
648.63	Other.....	15% ad val.	30% ad val.
	Axes, adzes, hatchets, machetes, and similar hewing tools, and parts thereof:		
648.65	Machetes, and parts thereof.....	Free	Free
648.67	Other.....	22.5% ad val.	45% ad val.
648.69	Scythes, sickles, grass hooks, and corn knives, and parts thereof.....	8.5% ad val.	30% ad val.
648.71	Hay knives, and parts thereof.....	2¢ each + 12.5% ad val.	8¢ each + 45% ad val.
648.73	Hedge and grass shears, and parts thereof.....	10¢ each + 22.5% ad val.	20¢ each + 45% ad val.
648.75	Pruning shears and sheep shears, and parts thereof.....	4¢ each + 8% ad val.	20¢ each + 45% ad val.
	Pliers, nippers, and pincers, and hinged tools for holding and splicing wire; tin snips, bolt and chain clippers, and other metal cutting shears; pipe cutters and other pipe tools; spanners and wrenches; files (except nail files), and rasps; all the foregoing which are hand tools, and metal parts thereof:		
	Pliers, nippers, pincers, and hinged tools for holding and splicing wire, and parts of the foregoing:		
648.81	Slip-joint pliers.....	20% ad val.	60% ad val.
648.85	Other (except parts).....	3-1/3¢ each + 20% ad val.	10¢ each + 60% ad val.
648.89	Parts.....	19% ad val.	45% ad val.
648.91	Tin snips, and parts thereof.....	10¢ each + 22.5% ad val.	20¢ each + 45% ad val.
	Bolt and chain clippers and other metal-cutting shears (except tin snips); pipe cutters; parts of the foregoing:		
648.93	With cutting part containing by weight over 0.2 percent of chromium, molybdenum, or tungsten, or over 0.1 percent of vanadium...	30% ad val.	60% ad val.
648.95	Other.....	21% ad val.	50% ad val.
648.97	Pipe tools (except cutters), wrenches, and spanners, and parts thereof.....	22.5% ad val.	45% ad val.
	Files and rasps, with or without their handles:		
649.01	Not over 2.5 inches in length.....	12¢ per doz.	25¢ per doz.
649.03	Over 2.5 but not over 4.5 inches in length...	20¢ per doz.	47.5¢ per doz.
649.05	Over 4.5 but not over 7 inches in length.....	28¢ per doz.	62.5¢ per doz.
649.07	Over 7 inches in length.....	17.5¢ per doz.	77.5¢ per doz.
	Non-mechanical saws, blades for mechanical or non-mechanical saws (including blades in continuous lengths), and metal teeth or cutting segments and other metal parts of such saws and blades:		
649.11	Non-mechanical saws.....	7.5% ad val.	20% ad val.
649.14	Blades for mechanical or non-mechanical saws:		
	Band saw blades.....	8% ad val.	20% ad val.

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 3. - Metal Products

301

Item	Articles	Rates of Duty	
		1	2
	Non-mechanical saws, etc. (con.):		
	Blades for mechanical or non-mechanical saws (con.):		
649.17	Circular saw blades.....	8% ad val.	25% ad val.
649.19	Hacksaw blades.....	10% ad val.	20% ad val.
649.21	Jewelers' or piercing saw blades.....	20¢ per gross	40¢ per gross
649.23	Chain-saw blades, in lengths or cut to size: With cutting part containing by weight over 0.2 percent of chromium, molybdenum, or tungsten, or over 0.1 percent of vanadium.....	30% ad val.	60% ad val.
649.24	Other.....	9% ad val.	27.5% ad val.
649.25	Other blades.....	7.5% ad val.	20% ad val.
649.26	Metal parts: Metal teeth and cutting segments suitable for use in cutting metal.....	15% ad val.	30% ad val.
649.27	Other: Frames, handles, and other parts for non- mechanical saws.....	19% ad val.	45% ad val.
649.29	Other.....	10% ad val.	35% ad val.
	Blow torches and similar self-contained torches, and metal parts thereof:		
649.31	Torches, designed to be operated by compressed air and kerosene or gasoline.....	10% ad val.	45% ad val.
649.32	Other.....	19% ad val.	45% ad val.
	Anvils:		
649.33	Of iron or steel, weighing over 5 pounds each.....	1¢ per lb.	3¢ per lb.
649.35	Other.....	18% ad val.	45% ad val.
649.37	Vises and clamps (except parts of, or accessories for, machine tools).....	10.5% ad val.	45% ad val.
649.39	Abrasive wheels mounted on frameworks, hand or pedal operated.....	9% ad val.	27.5% ad val.
	Interchangeable tools for hand tools or for machine tools, including dies for wire drawing, extrusion dies for metal, and rock drilling bits:		
649.41	Files and rasps, including rotary files and rasps..	6% ad val.	15% ad val.
649.43	Cutting tools (except tools provided for in item 649.41) with cutting part containing by weight over 0.2 percent of chromium, molybdenum, or tungsten, or over 0.1 percent of vanadium.....	30% ad val.	60% ad val.
649.45	Other: Suitable for cutting metal.....	21% ad val.	50% ad val.
649.47	Not suitable for cutting metal: For hand tools.....	22.5% ad val.	45% ad val.
649.48	Wire-drawing dies and extrusion dies for metal.....	15% ad val.	30% ad val.
649.49	Other.....	10% ad val.	35% ad val.
649.53	Tool tips; and plates, blanks and other forms for making tool tips; all the foregoing, unmounted, of sintered metal carbides.....	30% ad val.	60% ad val.
649.57	Slicers, choppers, grinders, juice extractors, and other mechanical appliances, all the foregoing which are not over 25 pounds in weight, are not powered by electricity, and are of types used in the household, in restaurants, or in retail stores for preparing or serving food or drink.....	17% ad val.	40% ad val.
	Knives and cutting blades for power or hand machines:		
649.65	For agricultural or horticultural machines (except lawn-mower blades).....	Free	Free
649.67	Other.....	10% ad val.	20% ad val.

TARIFF SCHEDULES OF THE UNITED STATES

302

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 3. - Metal Products

Item	Articles	Rates of Duty	
		1	2
	Pen knives, pocket knives, and other knives, all the foregoing which have folding or other than fixed blades or attachments; and blades, handles, and other parts thereof:		
	Knives:		
649.71	Valued not over 40 cents per dozen.....	0¢ (0.2g) each + 50% (42.5%) ad val.	1.25¢ each + 50% ad val.
649.73	Valued over 40 cents but not over 50 cents per dozen	0¢ (0.8g) each + 50% (42.5%) ad val.	5¢ each + 50% ad val.
649.75	Valued over 50 cents but not over \$1.25 per dozen.....	0¢ (1.83g) each + 50% (42.5%) ad val.	11¢ each + 55% ad val.
649.77	Valued over \$1.25 but not over \$3 per dozen..	9¢ each + 27.5% ad val.	18¢ each + 55% ad val.
649.79	Valued over \$3 but not over \$6 per dozen....	12.5¢ each + 25% ad val.	25¢ each + 50% ad val.
	Valued over \$6 per dozen:		
649.81	With steel handles ornamented or decorated with etchings or gilded designs, or both.....	10¢ each + 25% ad val.	35¢ each + 55% ad val.
649.83	Other.....	17.5¢ each + 27.5% ad val.	35¢ each + 55% ad val.
649.85	Blades, handles, and other parts.....	5.5¢ each + 27.5% ad val.	11¢ each + 55% ad val.
	Budding, grafting, and pruning knives, and blades, handles, and other parts thereof:		
649.87	Knives.....	17.5¢ each + 27.5% ad val.	35¢ each + 55% ad val.
649.89	Other.....	5.5¢ each + 27.5% ad val.	11¢ each + 55% ad val.
649.91	Cuticle or corn knives, cuticle pushers, nail files, nail cleaners, nail nippers and clippers, all the foregoing used for manicure or pedicure purposes, and parts thereof; tweezers.....	37% ad val.	60% ad val.
	Knives not specifically provided for elsewhere in this subpart, and cleavers, with or without their handles: Without their handles.....		
650.01		0.92¢ each + 10% ad val.	8¢ each + 45% ad val.
650.03	Cleavers with their handles.....	4¢ each + 17.5% ad val.	8¢ each + 45% ad val.
	Knives with their handles:		
650.05	With silver handles.....	8¢ each + 17.5% ad val.	16¢ each + 45% ad val.
650.07	With silver-plated handles.....	2¢ each + 15% ad val.	8¢ each + 45% ad val.
650.09	With stainless steel handles: ^{1/}		
	With handles not containing nickel and not containing over 10 percent by weight of manganese.....	1¢ each + 12.5% ad val.	2¢ each + 45% ad val.
650.11	With handles containing nickel or containing over 10 percent by weight of manganese.....	1¢ each + 17.5% ad val.	2¢ each + 45% ad val.
650.13	With animal horn, bone, ivory, mother-of-pearl, or shell handles.....	4¢ each + 12.5% ad val.	16¢ each + 45% ad val.
	With rubber or plastics handles:		
650.15	Table, kitchen, and butcher knives.....	2¢ each + 12.5% ad val.	8¢ each + 45% ad val.
650.17	Other.....	4¢ each + 17.5% ad val.	8¢ each + 45% ad val.
650.19	Other:		
	Hunting knives with wood handles.....	2¢ each + 12.5% ad val.	8¢ each + 45% ad val.
650.21	Other.....	1¢ each + 17.5% ad val.	8¢ each + 45% ad val.
	^{1/} Certain stainless steel knives are subject to higher rates of duty on over-quota imports under tariff-rate quota established by escape-clause proclamation. See Appendix to Tariff Schedules.		

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 3. - Metal Products

303

Item	Articles	Rates of Duty	
		1	2
	Forks, spoons, and ladles, all the foregoing which are kitchen or table ware, with or without their handles:		
	Forks:		
650.31	Without their handles.....	0.92¢ each + 10% ad val.	8¢ each + 45% ad val.
	With their handles:		
650.35	With silver handles.....	8¢ each + 17.5% ad val.	16¢ each + 45% ad val.
650.37	With silver-plated handles.....	1¢ each + 12.5% ad val.	2¢ each + 45% ad val.
	With stainless steel handles: $\frac{1}{2}$		
650.39	With handles not containing nickel and not containing over 10 percent by weight of manganese.....	1¢ each + 12.5% ad val.	2¢ each + 45% ad val.
650.41	With handles containing nickel or containing over 10 percent by weight of manganese.....	1¢ each + 17.5% ad val.	2¢ each + 45% ad val.
650.43	With animal horn, bone, ivory, mother-of-pearl, or shell handles.....	4¢ each + 12.5% ad val.	16¢ each + 45% ad val.
650.45	With rubber or plastics handles.....	2¢ each + 12.5% ad val.	8¢ each + 45% ad val.
	Other:		
650.47	Barbecue forks with wood handles...	2¢ each + 12.5% ad val.	8¢ each + 45% ad val.
650.49	Other.....	1¢ each + 17.5% ad val.	8¢ each + 45% ad val.
	Spoons and ladles:		
650.51	With sterling silver handles.....	25% ad val.	65% ad val.
650.53	With silver-plated handles.....	21% ad val.	50% ad val.
650.55	With stainless steel handles $\frac{1}{2}$	17% ad val.	40% ad val.
650.56	With base metal (except stainless steel) or nonmetal handles.....	17% ad val.	40% ad val.
650.57	Other.....	22.5% ad val.	65% ad val.
	Carving and butcher steels, with or without their handles:		
650.61	With rubber or plastics handles.....	2¢ each + 12.5% ad val.	8¢ each + 45% ad val.
650.63	With wood handles.....	4¢ each + 17.5% ad val.	8¢ each + 45% ad val.
650.65	Other.....	4¢ each + 12.5% ad val.	16¢ each + 45% ad val.
	Razors and non-electric shavers, blades and cutting heads therefor and for electric shavers, and other parts:		
	Safety razors, and handles and frames thereof:		
650.71	Valued not over 50 cents each.....	2¢ each + 5% ad val.	10¢ each + 30% ad val.
650.73	Valued over 50 cents each.....	8.5% ad val.	10¢ each + 30% ad val.
650.75	Safety-razor blades.....	0.2¢ each + 6% ad val.	1¢ each + 30% ad val.
650.77	Non-electric shavers, and blades and cutting heads therefor and for electric shavers.....	9% ad val.	27.5% ad val.
	Razors other than safety razors, and parts therefor:		
650.79	Valued not over \$3 per dozen.....	15¢ each + 15% ad val.	30¢ each + 30% ad val.
650.81	Valued over \$3 per dozen.....	15¢ each + 10% ad val.	45¢ each + 30% ad val.
	Hair clippers (except clippers with a self-contained electric motor), and cutting blades and heads for all hair clippers:		
650.83	Valued not over \$1.75 per dozen.....	40% ad val.	15¢ each + 45% ad val.
650.85	Valued over \$1.75 per dozen.....	8.5¢ each + 19% ad val.	20¢ each + 45% ad val.
	Scissors and shears (except machines and except shears provided for in any of the foregoing provisions), and blades therefor:		
650.87	Valued not over 50 cents per dozen.....	1.75¢ each + 22.5% ad val.	3.5¢ each + 45% ad val.
650.89	Valued over 50 cents but not over \$1.75 per dozen.....	7.5¢ each + 22.5% ad val.	15¢ each + 45% ad val.
650.91	Valued over \$1.75 per dozen.....	10¢ each + 22.5% ad val.	20¢ each + 45% ad val.
	$\frac{1}{2}$ Certain stainless steel forks and spoons are subject to higher rates of duty on over-quota imports under tariff-rate quota established by escape-clause proclamation. See Appendix to Tariff Schedules.		

TARIFF SCHEDULES OF THE UNITED STATES

304

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 3. - Metal Products

Item	Articles	Rates of Duty	
		1	2
	Handsewing or darning needles, bodkins, crochet hooks, embroidery stilettoes, upholstery regulators, and other hand needles, all the foregoing, of metal; and needle books and needle cases, furnished with assortments of hand needles only:		
651.01	Needle books and needle cases:		
	Valued under \$1.25 per dozen books or cases...	38% ad val.	45% ad val.
651.03	Valued \$1.25 or more per dozen books or cases.....	25.5% ad val.	45% ad val.
651.04	Embroidery stilettoes and upholstery regulators....	19% ad val.	45% ad val.
	Other:		
651.05	Hand sewing or darning needles.....	Free	Free
651.07	Crochet hooks or needles.....	\$1 per 1,000 + 34% ad val.	\$1.15 per 1,000 + 40% ad val.
651.09	Other.....	20% ad val.	45% ad val.
	Sewing sets, and pedicure or manicure sets, and combinations thereof, in leather cases or other containers of types ordinarily sold therewith in retail sales:		
651.11	In leather containers.....	20% ad val.	50% ad val.
651.13	Other.....	38% ad val.	45% ad val.
	Hand tools (including table, kitchen, and household implements of the character of hand tools) not specially provided for, and metal parts thereof:		
	Hammers and sledges, with or without their handles:		
651.21	With heads not over 3.25 pounds each.....	22.5% ad val.	45% ad val.
651.23	With heads over 3.25 pounds each.....	5% ad val.	20% ad val.
651.25	Crowbars, track tools, and wedges, all the foregoing of iron or steel.....	0.6875¢ per lb.	1.375¢ per lb.
651.27	Drilling, threading, and tapping tools, and parts thereof.....	22.5% ad val.	45% ad val.
	Chisels, gimlets, gouges, planes, and other cutting tools, and parts thereof:		
651.29	With cutting part containing by weight over 0.2 percent of chromium, molybdenum, or tungsten, or over 0.1 percent of vanadium...	30% ad val.	60% ad val.
651.31	Other.....	22.5% ad val.	45% ad val.
651.37	Screwdrivers.....	22.5% ad val.	45% ad val.
	Other hand tools:		
651.39	Agricultural or horticultural tools, and parts thereof.....	Free	Free
	Other:		
	Of iron or steel:		
651.45	Cast-iron hatters' irons, and tailors' irons.....	3% ad val.	20% ad val.
651.47	Other.....	17% ad val.	40% ad val.
	Of copper:		
651.49	Of brass.....	10% ad val.	40% ad val.
651.51	Other.....	15% ad val.	40% ad val.
651.53	Of aluminum.....	3.5¢ per lb. + 17% ad val.	8.5¢ per lb. + 40% ad val.
651.55	Other.....	17% ad val.	40% ad val.
	Handles, of metal, for knives, forks, spoons, and ladles which are kitchen or table ware:		
	Of precious metals, or coated or plated with precious metals:		
651.60	Of silver, or coated or plated with silver....	25% ad val.	65% ad val.
651.62	Other.....	40% ad val.	65% ad val.
651.64	Other.....	19% ad val.	45% ad val.
651.75	Sets (except sewing sets, pedicure or manicure sets, and combinations thereof) which include two or more of the tools, knives, forks, spoons, or other articles provided for in different rate provisions of this subpart.....	The rate of duty applicable to that article in the set subject to the highest rate of duty	The rate of duty applicable to that article in the set subject to the highest rate of duty

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 3. - Metal Products

305

Item	Articles	Rates of Duty	
		1	2
	Subpart F. - Miscellaneous Metal Products		
	Subpart F headnotes:		
	1. The provisions of this subpart do not include —		
	(i) chain or chains provided for in part 6A of schedule 7;		
	(ii) watch or clock springs (see part 2E of schedule 7);		
	(iii) electric bells or gongs (see part 5 of this schedule), bells or gongs which are musical instruments or parts thereof (see part 3 of schedule 7), clock chimes and gongs (see part 2E of schedule 7); or		
	(iv) illuminating articles provided for in part 5 of this schedule.		
652.03	Anchors, grapnels, and parts thereof, all the foregoing of iron or steel.....	12% ad val.	25% ad val.
652.06	Cast malleable iron boot or shoe plates, including such plates containing leather pegs and plugs.....	5% ad val.	20% ad val.
652.09	Flexible metal hose or tubing, whether covered with wire or other material, and with or without fittings..	20% ad val.	30% ad val.
	Chain and chains, and parts thereof, all the foregoing of base metal not coated or plated with precious metal:		
	Of iron or steel:		
	Chains used for the transmission of power, and parts thereof:		
	Of not over 2-inch pitch and containing more than three parts per pitch, and parts thereof:		
652.12	Valued under 40 cents per pound....	25% ad val.	40% ad val.
652.15	Valued 40 cents or more per pound...	12.5% ad val.	40% ad val.
652.18	Other.....	12.5% ad val.	35% ad val.
652.21	Anchor or stud link chain, and parts thereof..	1¢ per lb.	2¢ per lb.
	Other, including parts:		
652.24	Under 5/16 inch in diameter.....	1.7¢ per lb.	4¢ per lb.
652.27	5/16 inch or more but under 3/8 inch in diameter.....	0.75¢ per lb.	2.125¢ per lb.
652.30	3/8 inch or more but under 3/4 inch in diameter.....	0.5¢ per lb.	1.125¢ per lb.
652.33	3/4 inch or more in diameter.....	0.4375¢ per lb.	0.875¢ per lb.
652.36	Of copper.....	16% ad val.	45% ad val.
652.38	Other.....	19% ad val.	45% ad val.
652.40	Horse and mule shoes of base metal.....	0.25¢ per lb.	0.25¢ per lb.
652.45	Steel shavings.....	5¢ per lb. + 30% ad val.	5¢ per lb. + 30% ad val.
652.50	Steel wool.....	4¢ per lb. + 12.5% ad val.	10¢ per lb. + 30% ad val.
	Non-electric bells and gongs, and parts thereof, all the foregoing of base metal:		
652.55	Bicycle and velocipede bells, and parts thereof....	40% ad val.	70% ad val.
652.60	Other.....	20% ad val.	50% ad val.
652.65	Crown corks and bottle caps, of base metal.....	12% ad val.	45% ad val.

TARIFF SCHEDULES OF THE UNITED STATES

306

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 3. - Metal Products

Item	Articles	Rates of Duty	
		1	2
	Photograph, picture, and similar frames; mirrors; all the foregoing of base metal, whether or not coated or plated with precious metal:		
652.70	Not coated or plated with precious metal.....	17% ad val.	45% ad val.
652.72	Coated or plated with precious metal.....	40% ad val.	65% ad val.
652.75	Sign-plates, name-plates, numbers, letters, and other signs, all the foregoing of base metal.....	19% ad val.	45% ad val.
652.80	Expanded metal, of base metal.....	19% ad val.	45% ad val.
	Springs and leaves for springs, of base metal:		
652.85	Suitable for motor vehicle suspension.....	8.5% ad val.	25% ad val.
652.87	Other.....	19% ad val.	45% ad val.
	Hangars and other buildings, bridges, bridge sections, lock-gates, towers, lattice masts, roofs, roofing frameworks, door and window frames, shutters, balustrades, columns, pillars, and posts, and other structures and parts of structures, all the foregoing of base metal:		
	Of iron or steel:		
	Door and window frames:		
652.90	Of stainless steel.....	15% (16%) ad val. *	35% ad val.
652.92	Other.....	10% (11%) ad val. *	25% ad val.
	Columns, pillars, posts, beams, girders, and similar structural units:		
	Not in part of alloy iron or steel:		
652.93	Cast-iron (except malleable cast-iron) articles, rough or advanced.....	3% ad val.	10% ad val.
652.94	Other.....	7.5% ad val.	20% ad val.
	In part of alloy iron or steel:		
652.95	In part of stainless steel.....	12.5% ad val.	30% ad val.
652.96	Other.....	11.5% ad val.	28% ad val.
652.98	Other.....	19% ad val.	45% ad val.
	Fence or sign posts of iron or steel:		
653.02	Not of alloy iron or steel.....	7.5% ad val.	20% ad val.
653.03	Of alloy iron or steel.....	11.5% ad val.	28% ad val.
	Engravers' plates, ground or not ground, of copper (other than alloys of copper):		
653.05	Not ground.....	5.25¢ per lb.	11¢ per lb.
653.07	Ground.....	7.25¢ per lb.	15¢ per lb.
	Wires, rods, tubes, plates, electrodes and similar articles, all the foregoing, of base metal or of metal carbides, coated or cored with flux, of types used for soldering, brazing, welding or deposition of metal or metallic carbides; wire and rods, of base-metal powder, used for metal spraying:		
653.10	Lead-tin solders.....	1.0625¢ per lb. on lead content	1.125¢ per lb. on lead content
653.15	Other.....	10% ad val.	35% ad val.
653.20	Safes, strong-boxes, armored or reinforced strong rooms, strong-room linings and strong-room doors, cash and deed boxes, and similar articles, all the foregoing of base metal.....	19% ad val.	45% ad val.
653.22	Metal coins.....	Free	Free
653.25	Zinc anodes for cathodic protection or for electroplating.....	19% ad val.	45% ad val.

* See general headnote 3(f)(iii).

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 3. - Metal Products

307

Item	Articles	Rates of Duty	
		1	2
653.30	Illuminating articles and parts thereof, of base metal: Incandescent lamps designed to be operated by propane or other gas, or by compressed air and kerosene or gasoline.....	10% ad val.	45% ad val.
653.35	Other: Table, floor and other portable lamps for indoor illumination, of brass.....	10.5% ad val.	40% ad val.
653.40	Other.....	19% ad val.	45% ad val.
653.45	Stoves, central-heating furnaces and burners, ranges, cookers, grates, space heaters and similar heating or cooking apparatus, all the foregoing, of base metal, not electrically operated, of types used in the household, hotels, restaurants, or offices; and parts thereof, of base metal: Portable types designed to be operated by propane or other gas, or by compressed air and kerosene or gasoline.....	19% ad val.	45% ad val.
653.50	Other.....	12.5% ad val.	45% ad val.
653.60	Articles not specially provided for of a type used for household, table, or kitchen use; toilet and sanitary wares; all the foregoing and parts thereof, of metal: Articles, wares, and parts, of precious metal, including rolled precious metal but not including base-metal articles coated or plated with precious metal: Of silver: Sterling silver tableware.....	25% ad val.	65% ad val.
653.62	Other.....	21% ad val.	65% ad val.
653.65	Other.....	40% ad val.	65% ad val.
653.70	Articles, wares, and parts, of base metal, coated or plated with precious metal: Coated or plated with platinum.....	32.5% ad val.	65% ad val.
653.75	Coated or plated with gold.....	40% ad val.	65% ad val.
653.80	Coated or plated with silver.....	17% ad val.	50% ad val.
653.85	Articles, wares, and parts, of base metal, not coated or plated with precious metal: Of iron or steel: Not enameled: Cast articles, coated.....	8% ad val.	20% ad val.
653.90	Of tin plate.....	8% ad val.	40% ad val.
653.95	Other.....	17% ad val.	40% ad val.
653.97	Enameled.....	2¢ per lb. + 5% ad val.	5¢ per lb. + 30% ad val.
654.00	Of copper: Of brass.....	10% ad val.	40% ad val.
654.05	Other.....	15% ad val.	40% ad val.
654.10	Of aluminum.....	3.5¢ per lb. + 17% ad val.	8.5¢ per lb. + 40% ad val.
654.15	Of tin.....	8.5% ad val.	40% ad val.
654.20	Other.....	17% ad val.	40% ad val.

TARIFF SCHEDULES OF THE UNITED STATES

308

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 3. - Metal Products

Item	Articles	Rates of Duty	
		1	2
Subpart G. - Metal Products Not Specially Provided For			
<u>Subpart G headnotes:</u>			
1. This subpart covers only articles of metal which are not more specifically provided for elsewhere in the tariff schedules.			
—			
Articles of precious metal, including rolled precious metal:			
656.05	Of platinum, including rolled platinum.....	40% ad val.	65% ad val.
656.10	Of gold, including rolled gold.....	40% ad val.	65% ad val.
656.15	Of silver, including rolled silver.....	21% ad val.	65% ad val.
Articles of base metal, coated or plated with precious metal:			
656.20	Coated or plated with platinum.....	32.5% ad val.	65% ad val.
656.25	Coated or plated with gold.....	50% (55%) ad val.	65% ad val.
Coated or plated with silver:			
656.30	On copper or nickel silver.....	20% ad val.	65% ad val.
656.35	Other.....	24% ad val.	65% ad val.
Articles of iron or steel, not coated or plated with precious metal:			
Cast-iron articles, not alloyed:			
657.09	Not malleable.....	3% ad val.	10% ad val.
657.10	Malleable.....	8% ad val.	20% ad val.
Other articles:			
657.15	Of tin plate.....	12% ad val.	45% ad val.
657.20	Other.....	19% ad val.	45% ad val.
Articles of copper, not coated or plated with precious metal:			
657.30	Of copper, other than alloys of copper; of nickel silver or of cupro-nickel.....	1.275¢ per lb. + 22.5% ad val.	3¢ per lb. + 45% ad val.
657.35	Other.....	1.275¢ per lb. + 15% ad val.	3¢ per lb. + 45% ad val.
657.40	Articles of aluminum, not coated or plated with precious metal.....	19% ad val.	45% ad val.
657.50	Articles of nickel, not coated or plated with precious metal.....	18% ad val.	45% ad val.
657.60	Articles of tin, not coated or plated with precious metal.....	12% ad val.	45% ad val.
Articles of lead, not coated or plated with precious metal:			
657.70	Valued not over 13-1/3 cents per pound.....	1.5¢ per lb.	3¢ per lb.
657.75	Valued over 13-1/3 cents per pound.....	11.25% ad val.	45% ad val.
657.80	Articles of zinc, not coated or plated with precious metal.....	19% ad val.	45% ad val.
657.90	Articles of magnesium, not coated or plated with precious metal.....	13.5¢ per lb. on magnesium content + 7% ad val.	40¢ per lb. on magnesium content + 20% ad val.
658.00	Articles of base metals not provided for in the foregoing provisions of this subpart, not coated or plated with precious metal.....	18% ad val.	45% ad val.

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 4. - Machinery and Mechanical Equipment

309

Item	Articles	Rates of Duty	
		1	2
	<p>PART 4. - MACHINERY AND MECHANICAL EQUIPMENT</p> <p><u>Part 4 headnotes:</u></p> <p>1. This part does not cover — (i) bobbins, spools, cops, tubes, and similar holders; (ii) belts and belting; (iii) machine clothing; (iv) jacquard cards; (v) articles of textile materials; articles of stone, of ceramic ware, of glass, or of other materials provided for in schedule 5; or articles of leather or of fur on the skin; or (vi) articles and parts of articles specifically provided for elsewhere in the schedules.</p> <p>2. Unless the context requires otherwise, and subject to headnote 1 to subpart A of this part, a multi-purpose machine is classifiable according to its principal purpose, but if such a machine is not described in a superior tariff heading as to its principal purpose, or if it has no one principal purpose, it is classifiable in subpart H of this part as a machine not specially provided for.</p> <p>3. An electric motor or other power unit imported with a machine is classifiable with such machine as an entirety if fitted thereto when imported, or, if the machine or its framework is designed to receive the power unit, or if the shipment includes a common base designed to receive both the power unit and the machine.</p> <p style="text-align: center;">—</p> <p>Subpart A. - Boilers, Non-Electric Motors and Engines, and Other General Purpose Machinery</p> <p><u>Subpart A headnote:</u></p> <p>1. A machine or appliance which is described in this subpart and also is described elsewhere in this part is classifiable in this subpart.</p> <p style="text-align: center;">—</p>		
660.10	Steam and other vapor generating boilers (except central heating hot water boilers capable also of producing low pressure steam), and parts thereof.....	13.75% ad val.	45% ad val.
660.15	Economizers, superheaters, soot removers, gas recoverers, and auxiliary plants for use with steam and other vapor generating boilers; condensers for vapor engines and power units; all of the foregoing and parts thereof.....	14% ad val.	45% ad val.

TARIFF SCHEDULES OF THE UNITED STATES

310

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 4. - Machinery and Mechanical Equipment

Item	Articles	Rates of Duty	
		1	2
660.20	Producer gas and water gas generators, with or without purifiers; acetylene gas generators (water process) and other gas generators, with or without purifiers; all the foregoing and parts thereof:		
660.22	Apparatus for the generation of acetylene gas from calcium carbide, and parts thereof..... Other.....	8% ad val. 14% ad val.	20% ad val. 45% ad val.
660.25	Steam engines, steam turbines, and other vapor power units, and parts thereof:		
660.30	Steam engines and parts thereof.....	8% ad val.	15% ad val.
660.35	Steam turbines and parts thereof..... Other.....	15% ad val. 9% ad val.	20% ad val. 27.5% ad val.
660.40	Internal combustion engines and parts thereof: Piston-type engines: To be installed in tractors of a type provided for in item 692.30..... Other:	Free	Free
660.42	Compression-ignition engines.....	10% ad val.	35% ad val.
660.44	Engines other than compression-ignition engines.....	8.5% ad val.	35% ad val.
660.46	Non-piston type engines.....	10% ad val.	35% ad val.
660.50	Parts: Cast-iron (except malleable cast-iron) parts, not alloyed and not advanced beyond cleaning, and machined only for the removal of fins, gates, sprues, and risers or to permit location in finishing machinery..... Other parts:	3% ad val.	10% ad val.
660.52	Parts of piston-type engines other than compression-ignition engines.....	8.5% ad val.	35% ad val.
660.54	Other.....	10% ad val.	35% ad val.
660.65	Water wheels, water turbines, and other water engines, and parts including governors thereof:		
660.70	Governors..... Other.....	\$2.25 each + 35% ad val. 15% ad val.	\$4.50 each + 65% ad val. 27.5% ad val.
660.75	Non-electric engines and motors not specially provided for, and parts thereof:		
660.80	Hydrojet engines for motor boats, and parts thereof.....	12% ad val.	30% ad val.
660.85	Spring-operated and weight-operated motors..... Other.....	20% ad val. 9% ad val.	35% ad val. 27.5% ad val.
660.90	Pumps for liquids, whether or not fitted with measuring devices; liquid elevators of bucket, chain, screw, band, and similar types; all the foregoing whether operated by hand or by any kind of power unit, and parts thereof.....	12% ad val.	35% ad val.
661.10	Air pumps, vacuum pumps and air or gas compressors (including free-piston compressors for gas turbines); fans and blowers; all the foregoing, whether operated by hand or by any kind of power unit, and parts thereof:		
661.12	Fans and blowers, and parts thereof.....	14% ad val.	35% ad val.
661.15	Compressors, and parts thereof..... Other.....	9.5% ad val. 10.5% ad val.	35% ad val. 35% ad val.
661.20	Air-conditioning machines, comprising a motor-driven fan and elements for changing the temperature and humidity of air, and parts thereof.....	11.5% ad val.	35% ad val.
661.25	Furnace burners for liquid fuel (atomizers), for pulverized solid fuel or for gas; mechanical stokers, mechanical grates, mechanical ash dischargers and similar appliances; and parts thereof.....	9% ad val.	27.5% ad val.

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 4. - Machinery and Mechanical Equipment

311

Item	Articles	Rates of Duty	
		1	2
661.30	Industrial and laboratory furnaces and ovens, non-electric, and parts thereof.....	19% ad val.	45% ad val.
661.35	Refrigerators and refrigerating equipment, whether or not electric, and parts thereof.....	10.5% ad val.	35% ad val.
661.40	Calendering and similar rolling machines (except metal-working and metal-rolling machines and glass-working machines), and parts thereof: Calender bowls or rolls of textile fibers, husk, paper, or mixtures thereof, compressed between and held together by iron or steel heads or washers fastened to iron or steel cores or mandrels, for calendering, embossing, mangling, or pressing operations.....	28% ad val.	35% ad val.
661.45	Embossing rollers of metal.....	10% ad val.	30% ad val.
661.50	Textile calendering and rolling machines, and parts thereof.....	16% ad val.	40% ad val.
661.55	Other.....	10% ad val.	35% ad val.
661.65	Industrial machinery, plant, and similar laboratory equipment, whether or not electrically heated, for the treatment of materials by a process involving a change of temperature, such as heating, cooking, roasting, distilling, rectifying, sterilizing, pasteurizing, steaming, drying, evaporating, vaporizing, condensing, or cooling; instantaneous or storage water heaters, non-electrical; all the foregoing (except agricultural implements, sugar machinery, and machinery or equipment for the heat-treatment of textile yarns, fabrics, or made-up textile articles) and parts thereof: Instantaneous or storage water heaters, and parts thereof.....	19% ad val.	45% ad val.
661.70	Other.....	12.5% ad val.	35% ad val.
661.75	Centrifuges; filtering and purifying machinery and apparatus (other than filter funnels, milk strainers, and similar articles), for liquids or gases; all the foregoing and parts thereof: Centrifuges and parts thereof: Cream separators: Valued not over \$50 each.....	Free	Free
661.80	Valued over \$50 but not over \$100 each..	4% ad val.	25% ad val.
661.85	Valued over \$100 each.....	10.5% ad val.	25% ad val.
661.90	Other.....	11.5% ad val.	25% ad val.
661.95	Other.....	11.5% ad val.	35% ad val.
662.10	Machinery for cleaning or drying bottles or other containers; machinery for filling, closing, sealing, capsuling, or labelling bottles, cans, boxes, bags, or other containers; other packing or wrapping machinery; machinery for aerating beverages; dish washing machines; all the foregoing and parts thereof: Machines for packaging pipe tobacco; machines for wrapping candy; machines for wrapping cigarette packages; and combination candy cutting and wrapping machines; all the foregoing and parts thereof.....	8% (9%) ad val. *	35% ad val.
662.15	Can-sealing machines, and parts thereof.....	15% ad val.	30% ad val.
662.20	Other.....	11.5% ad val.	35% ad val.

* See general headnote 3(f)(iii).

TARIFF SCHEDULES OF THE UNITED STATES

312

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 4. - Machinery and Mechanical Equipment

Item	Articles	Rates of Duty	
		1	2
	Weighing machinery and scales (except balances of a sensitivity of 5 centigrams or better provided for in part 2D of schedule 7), including weight-operated counting and checking machines, and parts thereof; weighing machine weights not provided for in part 2D of schedule 7:		
662.25	Weighing machinery for use in the manufacture of sugar.....	Free	Free
662.26	Fully automatic weighing machinery requiring no manual operations for weight determinations, and accurate to 1/20 of 1 percent or better of the maximum weighing capacity, on weight tests within the weighing range of the scale.....	10% ad val. 18% ad val.	35% ad val. 45% ad val.
662.30	Other.....		
	Mechanical appliances, whether or not hand operated, for projecting, dispersing, or spraying liquids or powders; fire extinguishers, whether or not charged; spray guns and similar appliances; steam- or sand-blasting machines and similar jet projecting machines; all the foregoing (except automatic vending machines) and parts thereof:		
662.35	Simple piston pump sprays, powder bellows, all the foregoing and parts thereof.....	19% ad val. Free	45% ad val. Free
662.40	Sand-blasting machines, and parts thereof.....	Free	Free
662.45	Sprayers, self-contained, having a capacity over 5 gallons, suitable for agricultural or horticultural use.....	Free	Free
662.50	Other.....	10% ad val.	35% ad val.
	Subpart B. - Elevators, Winches, Cranes, and Related Machinery; Earth-Moving and Mining Machinery		
	Subpart B headnote:		
	1. This subpart does not cover — (i) cranes or other machines mounted on vehicles, on vessels or other floating structures, or on other transport equipment (see part 6 of this schedule); or (ii) agricultural implements (see subpart C of this part).		
664.05	Mechanical shovels, coal-cutters, excavators, scrapers, bulldozers, and other excavating, levelling, boring, and extracting machinery, all the foregoing, whether stationary or mobile, for earth, minerals, or ores; pile drivers; snow plows, not self-propelled; all the foregoing and parts thereof.....	10% ad val.	35% ad val.
664.10	Elevators, hoists, winches, cranes, jacks, pulley tackle, belt conveyors, and other lifting, handling, loading, or unloading machinery, and conveyors, all the foregoing and parts thereof not provided for in item 664.05.....	10.5% ad val.	35% ad val.

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 4. - Machinery and Mechanical Equipment

313

Item	Articles	Rates of Duty	
		1	2
	<p>Subpart C. - Agricultural and Horticultural Machinery; Machinery for Preparing Food and Drink</p> <p><u>Subpart C headnote:</u></p> <p>1. The provisions of Item 666.00 for "agricultural and horticultural implements not specially provided for" do not apply to any of the articles provided for in schedule 6, part 2, part 3 (subparts A through F, inclusive), part 5, or part 6, or to any of the articles specially provided for elsewhere in the tariff schedules, but interchangeable agricultural and horticultural implements are classifiable in item 666.00 even if mounted at the time of importation on a tractor provided for in part 68 of this schedule.</p>		
666.00	Machinery for soil preparation and cultivation, agricultural drills and planters, fertilizer spreaders, harvesting and threshing machinery, hay or grass mowers (except lawn mowers), farm wagons and carts, and agricultural and horticultural implements not specially provided for, and parts of any of the foregoing.....	Free	Free
666.10	Lawn mowers and parts thereof.....	20% ad val.	30% ad val.
666.20	Industrial machinery for preparing and manufacturing food or drink, and parts thereof: Machinery for use in the manufacture of sugar, and parts thereof.....	Free	Free
666.25	Other.....	11.5% ad val.	35% ad val.
	<p>Subpart D. - Pulp and Paper Machinery; Bookbinding Machinery; Printing Machinery</p> <p>Machines for making cellulosic pulp, paper, or paperboard; machines for processing or finishing pulp, paper, or paperboard, or making them up into articles:</p>		
668.00	Machines for making cellulosic pulp, paper, or paperboard.....	7% ad val.	35% ad val.
668.02	Other.....	10% ad val.	35% ad val.
668.04	Parts of the foregoing machines: Bed plates, roll bars, and other stock-treating parts for pulp or paper machines.....	13.5% ad val.	20% ad val.
668.06	Other: Parts of machines for making cellulosic pulp, paper or paperboard.....	7% ad val.	35% ad val.
668.07	Other.....	10% ad val.	35% ad val.
668.10	Bookbinding machinery, including book-sewing machines, and parts thereof.....	10.5% ad val.	25% ad val.
668.15	Printing machinery: Textile printing machinery.....	16% ad val.	40% ad val.
668.20	Other, including printing presses, offset duplicating machines, and stencil copy machines..	12.5% ad val.	25% ad val.

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 4. - Machinery and Mechanical Equipment

314

Item	Articles	Rates of Duty	
		1	2
668.25	Linotype and typesetting machines, and parts thereof...	Free	Free
668.32	Print blocks, and print rollers, used for printing, stamping or cutting designs:		
668.34	Print rollers with raised patterns of brass or brass and felt.....	\$4 each + 40% ad val. 40% ad val.	\$5 each + 72% ad val. 60% ad val.
668.36	Other.....		
668.38	Printing types.....	10% ad val.	30% ad val.
668.50	Steel plates, stereotype plates, electrotype plates, half-tone plates, photogravure plates, photo-engraved plates, and plates of other materials, engraved or otherwise prepared for printing.....	10.5% ad val.	25% ad val.
668.50	Other parts of printing machinery.....	The rate for the articles of which they are parts	The rate for the articles of which they are parts
Subpart E. - Textile Machines; Laundry and Dry Cleaning Machines; Sewing Machines			
670.00	Machines suitable for extruding or drawing man-made textile filaments.....	14% ad val.	40% ad val.
670.02	Machines used to prepare natural or man-made fibers, or combinations thereof, for spinning, for use as stuffing, or for the manufacture of nonwoven felts or wadding; spinning machines, twisting machines, doubling machines, and other textile machines for producing yarns:		
670.04	Specially designed for vegetable fibers (except cotton).....	8% ad val.	40% ad val.
670.06	Specially designed for wool.....	14.5% ad val.	40% ad val.
670.12	Other.....	12% ad val.	40% ad val.
670.12	Textile reeling or winding machines; textile beaming, warping, or slashing machines, and other textile machines for preparing yarns to be woven, knit, braided, or otherwise made into textile fabrics or other textile articles.....	14% ad val.	40% ad val.
670.14	Weaving machines, knitting machines, and textile machines for making lace, net, braid, embroidery, trimmings, fabrics, or other textile articles:		
670.14	Weaving machines.....	14% ad val.	40% ad val.
670.16	Circular knitting machines:		
670.17	Hosiery.....	13% ad val.	40% ad val.
670.17	Other.....	12% ad val.	40% ad val.
670.18	Knitting machines other than circular knitting machines:		
670.19	Full-fashioned hosiery machines.....	16% ad val.	40% ad val.
670.20	V-bed flat knitting machines.....	16% ad val.	40% ad val.
670.20	Other.....	14% ad val.	40% ad val.
670.22	Lace- and net-making machines (except lace-braiding machines):		
670.23	Leavers (including go-through) machines.....	12% ad val.	30% ad val.
670.25	Other.....	10% ad val.	30% ad val.
670.27	Braiding and lace-braiding machines.....	14% ad val.	40% ad val.
670.29	Embroidery machines.....	12% ad val.	30% ad val.
670.29	Other.....	13% ad val.	40% ad val.

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 4. - Machinery and Mechanical Equipment

315

Item	Articles	Rates of Duty	
		1	2
670.33	Machines for making or finishing felt and nonwoven fabrics including bonded fabrics, in the piece or in shapes, including felt-hat making machines and hat-making blocks; and parts thereof:		
670.35	Finishing machines and parts thereof.....	16% ad val.	40% ad val.
	Other.....	13% ad val.	40% ad val.
670.40	Machinery for washing, cleaning, drying, bleaching, dyeing, dressing, finishing or coating textile filaments, yarns, fabrics or made-up textile articles (including laundry and dry-cleaning machinery), and parts of such machinery:		
670.41	Washing machines other than types used in finishing textile articles.....	14% ad val.	35% ad val.
670.42	Dry-cleaning machines.....	11.5% ad val.	35% ad val.
670.43	Household and laundry types of ironing machines, mangles, and pressers.....	11.5% ad val.	35% ad val.
670.50	Other.....	16% ad val.	40% ad val.
	Fabric folding, reeling, or cutting machines.....	13% ad val.	40% ad val.
	Parts of textile machinery:		
670.52	Card clothing not fitted or attached to carding machines or to parts thereof at the time of importation:		
670.54	Made with round iron or untempered round steel wire.....	10% ad val.	20% ad val.
670.56	Made with tempered round steel wire, or plated wire, or other than round iron or steel wire, or with felt face, wool face, or rubber-face cloth containing wool.....	25% ad val.	45% ad val.
670.58	Jacquard cards.....	28% ad val.	35% ad val.
670.60	Needles for knitting machines:		
670.62	Latch needles.....	\$1 per 1,000 + 30% ad val.	\$2 per 1,000 + 60% ad val.
670.64	Spring-beard needles.....	75¢ per 1,000 + 25% ad val.	\$1.50 per 1,000 + 50% ad val.
670.66	Other.....	\$1.15 per 1,000 + 40% ad val.	\$1.15 per 1,000 + 40% ad val.
670.68	Needles for embroidery machines.....	75¢ per 1,000 + 20% ad val.	\$1.15 per 1,000 + 40% ad val.
670.70	Shuttles for embroidery machines.....	24% ad val.	30% ad val.
670.72	Spinning and twisting ring travelers.....	35% ad val.	35% ad val.
670.74	Textile pins.....	20% ad val.	20% ad val.
	Wire healds and heddles.....	21¢ per 1,000 + 25.5% ad val.	25¢ per 1,000 + 30% ad val.
670.90	Parts not specially provided for.....	The rate for the machines of which they are parts	The rate for the machines of which they are parts
	Cordage machines and parts thereof.....	12% ad val.	35% ad val.
	Sewing machines and parts thereof, including furniture specially designed for such machines:		
672.05	Sewing machines specially designed to join footwear soles to uppers.....	Free	Free
672.10	Sewing machines other than those in item 672.05:		
672.15	Valued not over \$10 each.....	7.5% ad val.	15% ad val.
672.20	Valued over \$10 each.....	10% ad val.	30% ad val.
672.22	Parts:		
672.25	Needles.....	75¢ per 1,000 + 20% ad val.	\$1.15 per 1,000 + 40% ad val.
	Shuttles.....	24% ad val.	30% ad val.
	Other.....	10% ad val.	30% ad val.

TARIFF SCHEDULES OF THE UNITED STATES

316

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 4. - Machinery and Mechanical Equipment

Item	Articles	Rates of Duty	
		1	2
	<p>Subpart F. - Machines for Working Metal, Stone, and Other Materials</p> <p><u>Subpart F headnotes:</u></p> <p>1. For the purposes of this subpart —</p> <p>(a) the term "machine tool" means any machine used for shaping or surface-working —</p> <p>(i) metals (including metallic carbides);</p> <p>(ii) stone, ceramics, concrete, asbestos-cement and like mineral materials, or glass in the cold; or</p> <p>(iii) wood, cork, bone, hard rubber or plastics, or other hard materials, whether by cutting away or otherwise removing the material or by changing its shape or form without removing any of it, but does not include rolling mills (item 674.20) or the hand-directed or -controlled tools provided for in items 674.60 and 674.70 of this subpart and in item 683.20 of part 5 of this schedule; and</p> <p>(b) the term "metal-working" includes metallic-carbide-working.</p>		
674.10	Converters, ingot molds, and casting machines, all the foregoing of types used in metallurgy and in metal foundries, and parts thereof.....	9% ad val.	35% ad val.
674.20	Metal rolling mills and parts thereof.....	15% ad val.	30% ad val.
	Machine tools:		
	Metal-working machine tools:		
674.30	Machine tools for cutting or hobbing gears....	20% ad val.	40% ad val.
674.32	Boring, drilling, and milling machines, including vertical turret lathes.....	12% ad val.	30% ad val.
674.35	Other.....	15% ad val.	30% ad val.
	Other machine tools:		
674.40	Reciprocating gang-saw machines.....	11.5% ad val.	35% ad val.
674.42	Other 1/.....	10% ad val.	35% ad val.
	Work and tool holders and other parts of, and accessories used principally with machine tools; tool holders for the mechanical hand tools provided for in items 651.27, 674.70, and 683.20:		
674.50	Tool holders.....	15% ad val.	45% ad val.
	Other:		
	Parts:		
674.51	Cast-iron (except malleable cast-iron) parts, not alloyed and not advanced beyond cleaning, and machined only for the removal of fins, gates, sprues, and risers or to permit location in finishing machinery.....	3% ad val.	10% ad val.
	Other:		
674.52	Parts of metal-working machine tools for cutting or hobbing gears.....	20% ad val.	45% ad val.
674.53	Other parts.....	14% ad val.	35% ad val.
	Accessories:		
674.55	Machines.....	10% ad val.	7% ad val.
674.56	Other.....	19% ad val.	4% ad val.
	1/ Certain copying lathes for making shoe lasts are free of duty under temporary legislation. See Appendix to Tariff Schedules.		

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 4. - Machinery and Mechanical Equipment

317

Item	Articles	Rates of Duty	
		1	2
674.60	Hand-directed or -controlled tools with pneumatic or self-contained non-electric motor, and parts thereof:		
	Tools suitable for metal-working and parts thereof.....	15% ad val.	30% ad val.
674.70	Other.....	9% ad val.	27.5% ad val.
674.75	Powder-actuated hand tools, and parts thereof.....	9% ad val.	27.5% ad val.
674.80	Gas-operated welding, brazing, cutting and surface-tempering appliances, and parts thereof:		
	Hand-directed or -controlled appliances and parts thereof.....	19% ad val.	45% ad val.
674.90	Other.....	9% ad val.	27.5% ad val.
Subpart G. - Office Machines			
<u>Subpart G headnotes:</u>			
<p>1. This subpart does not cover —</p> <p>(i) weighing machines (see subpart A of this part and subpart D of part 2 of schedule 7);</p> <p>(ii) bookbinding and printing machinery (see subpart D of this part);</p> <p>(iii) mathematical calculating instruments or revolution and other counters (see subparts C and D of part 2 of schedule 7);</p> <p>(iv) hand tools not having a base for fixing or placing them on a table, desk, wall, floor, or similar place (see part 3E of this schedule).</p> <p>2. For the purposes of this subpart —</p> <p>(a) the term "<u>office machines</u>" refers to machines which are used in offices, shops, factories, workshops, schools, depots, hotels, and elsewhere, for doing work concerning the writing, recording, sorting, filing, mailing of correspondence, records, accounts, forms, etc., or for doing other "office work", and which have a base for fixing or placing them on a table, desk, wall, floor, or similar place; and</p> <p>(b) a "<u>calculating mechanism</u>" is one designed to perform one or more of the four arithmetical operations, i.e., addition, subtraction, multiplication, and division.</p>			
676.05	Typewriters not incorporating a calculating mechanism:		
	Non-automatic with hand-operated keyboard.....	Free	Free
676.07	Other.....	11.5% ad val.	35% ad val.
676.10	Addressing, numbering, dating, and check-writing machines:		
	Addressing machines.....	12.5% ad val.	25% ad val.
676.12	Other.....	8.5% ad val.	25% ad val.

TARIFF SCHEDULES OF THE UNITED STATES

318

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 4. - Machinery and Mechanical Equipment

Item	Articles	Rates of Duty	
		1	2
	Calculating machines; accounting machines, cash registers, postage-franking machines, ticket-issuing machines, and similar machines, all the foregoing incorporating a calculating mechanism:		
676.15	Accounting, computing, and other data-processing machines.....	11.5% ad val.	35% ad val.
676.20	Calculating machines specially constructed for multiplying and dividing.....	10.5% ad val.	35% ad val.
676.22	Cash registers.....	10% ad val.	35% ad val.
676.23	Adding machines.....	12.5% ad val.	35% ad val.
676.25	Other.....	11% ad val.	35% ad val.
676.30	Office machines not specially provided for.....	10% ad val.	35% ad val.
	Parts of the foregoing:		
676.50	Typewriter parts.....	19% ad val.	45% ad val.
676.52	Other.....	11% ad val.	35% ad val.
	Subpart H. - Other Machines		
678.10	Shoe machinery and parts thereof.....	Free	Free
678.20	Machinery for sorting, screening, separating, washing, crushing, grinding, or mixing earth, stone, ores, or other mineral substances in solid (including powder or paste) form; machinery for agglomerating, molding, or shaping solid mineral fuels, ceramic paste, unhardened cements, plastering materials or other mineral products in powder or paste form; machines for forming foundry molds of sand; all the foregoing and parts thereof.....	10% ad val.	35% ad val.
	Glass-working machines (other than machines for working glass in the cold); machines for assembling electric filament and discharge lamps and electronic tubes; all the foregoing and parts thereof:		
678.30	Glass-working machines, and parts thereof.....	11.5% ad val.	35% ad val.
678.32	Other.....	10% ad val.	35% ad val.
678.35	Machines used for molding or otherwise forming rubber or plastics articles, and parts thereof.....	11.5% ad val.	35% ad val.
678.40	Automatic vending machines, and parts thereof.....	11.5% ad val.	35% ad val.
678.45	Tobacco leaf stripping or cutting machines; industrial cigar- or cigarette-making machines, whether or not equipped with an auxiliary packaging device; all the foregoing and parts thereof.....	12.5% ad val.	35% ad val.
678.50	Machines not specially provided for, and parts thereof..	10% ad val.	35% ad val.
	Subpart J. - Parts of Machines		
680.05	Molding boxes for metal foundry.....	19% ad val.	45% ad val.
680.07	Molders' patterns for the manufacture of castings.....	12.5% ad val.	50% ad val.
	Molds of types used for metal (except ingot molds), for metallic carbides, for glass, for mineral materials, or for rubber or plastics materials:		
680.10	Molds used for rubber or plastics materials.....	11.5% ad val.	35% ad val.
680.15	Other.....	11.5% ad val.	35% ad val.

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 4. - Machinery and Mechanical Equipment

319

Item	Articles	Rates of Duty	
		1	2
	Taps, cocks, valves, and similar devices, however operated, used to control the flow of liquids, gases, or solids, all the foregoing and parts thereof:		
	Hand-operated and check:		
680.20	Of copper.....	1.275¢ per lb. + 18% ad val.	3¢ per lb. + 45% ad val.
680.22	Other.....	22.5% ad val.	45% ad val.
	Other:		
680.25	Ballcock mechanisms, and parts.....	11.5% ad val.	35% ad val.
680.27	Other.....	10% ad val.	35% ad val.
680.30	Antifriction balls and rollers.....	4¢ per lb. + 12.5% ad val.	10¢ per lb. + 45% ad val.
680.35	Ball or roller bearings, and parts thereof.....	3.4¢ per lb. + 15% ad val.	10¢ per lb. + 45% ad val.
680.40	Forged steel grinding balls.....	12% ad val.	27.5% ad val.
	Gear boxes and other speed changers with fixed, multiple, or variable ratios; pulleys, pillow blocks, and shaft couplings; torque converters; chain sprockets; clutches; and universal joints; all the foregoing and parts thereof (except parts of motor vehicles, aircraft, and bicycles):		
	Gear boxes and other speed changers, and parts thereof:		
680.45	Fixed ratio speed changers, and parts thereof.....	9% ad val.	27.5% ad val.
680.47	Other speed changers.....	\$2.25 each + 35% ad val.	\$4.50 each + 65% ad val.
680.48	Other parts.....	45% ad val.	65% ad val.
680.50	Pulleys, pillow blocks, shaft couplings, and parts thereof.....	19% ad val.	45% ad val.
680.52	Torque converters, and parts thereof.....	9% ad val.	27.5% ad val.
680.54	Chain sprockets, clutches, universal joints, and parts thereof.....	19% ad val.	45% ad val.
680.57	Lubrication fittings.....	19% ad val.	45% ad val.
680.60	Machinery parts not containing electrical features and not specially provided for.....	19% ad val.	45% ad val.

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 5. - Electrical Machinery and Equipment

321

Item	Articles	Rates of Duty	
		1	2
	<p>PART 5. - ELECTRICAL MACHINERY AND EQUIPMENT</p> <p><u>Part 5 headnotes:</u></p> <p>1. This part does not cover —</p> <p>(i) electrical insulators or insulating materials (classifiable in other schedules according to materials of which made);</p> <p>(ii) certain carbons, electrodes, and brushes provided for in part 1E of schedule 5;</p> <p>(iii) ceramic electrical ware (part 2D of schedule 5);</p> <p>(iv) electric blankets and other electrically warmed bedding (see part 5B of schedule 3);</p> <p>(v) washing machines, ironing machines, sewing machines, and other machines provided for in parts 4 or 6 of this schedule; or</p> <p>(vi) electrical instruments, apparatus, and other electrical articles provided for in schedule 7.</p> <hr/> <p>Generators, motors, motor-generators, converters (rotary or static), transformers, rectifiers and rectifying apparatus, and inductors; all the foregoing which are electrical goods, and parts thereof:</p>		
682.10	Transformers.....	12.5% ad val.	35% ad val.
	Motors:		
	Of under 1/40 horsepower:		
682.20	Synchronous.....	50% ad val.	90% ad val.
682.25	Other.....	12.5% ad val.	35% ad val.
682.30	Of 1/40 or more but not over 1/10 horsepower.....	12.5% ad val.	35% ad val.
682.40	Of over 1/10 but under 200 horsepower.....	8.5% (9.5%) ad val. *	35% ad val.
682.50	Of 200 or more horsepower.....	12.5% ad val.	35% ad val.
682.55	Parts of motors of under 1/40 horsepower.....	50% ad val.	90% ad val.
682.60	Other.....	15% ad val.	35% ad val.
	Magnets; chucks, clamps, vises and similar work holders, all the foregoing which are magnetic; electro-magnetic clutches and couplings; electro-magnetic brakes; electro-magnetic lifting heads:		
682.70	Permanent magnets.....	18% ad val.	45% ad val.
682.80	Work holders.....	15% ad val.	30% ad val.
682.90	Other.....	11.5% ad val.	35% ad val.
682.95	Primary cells and primary batteries, and parts thereof.....	17.5% ad val.	35% ad val.
	Storage batteries and parts thereof:		
683.10	Lead-acid type storage batteries, and parts thereof.....	17% ad val.	40% ad val.
683.15	Other.....	16% ad val.	40% ad val.
683.20	Hand-directed or -controlled tools with self-contained electric motor, and parts thereof.....	11.75% ad val.	35% ad val.
	* See general headnote 3(f)(iii).		

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 5. - Electrical Machinery and Equipment

322

Item	Articles	Rates of Duty	
		1	2
	Vacuum cleaners, floor polishers, food grinders, and mixers, juice extractors and other electro-mechanical appliances, all the foregoing with self-contained electric motors, of types used in the household, hotels, restaurants, offices, schools, or hospitals (but not including factory or other industrial appliances or electro-thermic appliances), and parts thereof:		
683.30	Vacuum cleaners, floor polishers, and parts thereof.....	13.75% ad val.	35% ad val.
683.32	Other.....	12% ad val.	40% ad val.
	Shavers, hair-clippers, and scissors, all the foregoing with self-contained electric motors, and parts thereof:		
683.40	Hair-clippers and parts thereof.....	20% ad val.	45% ad val.
683.50	Other.....	13.75% ad val.	35% ad val.
683.60	Ignition magnetos, magneto-generators, ignition coils, starter motors, spark plugs, glow plugs, and other electrical starting and ignition equipment for internal combustion engines; generators and cut-outs for use in conjunction therewith; all the foregoing and parts thereof.....	8.5% ad val.	35% ad val.
	Portable electric lamps with self-contained electrical source, and parts thereof:		
683.70	Flashlights and parts thereof.....	35% ad val.	35% ad val.
683.80	Other.....	13.75% ad val.	40% ad val.
	Industrial and laboratory electric furnaces and ovens; electric induction and dielectric heating equipment; electric welding, brazing, and soldering machines and apparatus and similar articles for cutting, and parts thereof:		
683.90	Welding machines and apparatus, and parts thereof.....	8.5% ad val.	35% ad val.
683.95	Other.....	10.5% ad val.	35% ad val.
	Electric instantaneous or storage water heaters and immersion heaters; electric soil heating apparatus, and electric space heating apparatus; electric hair dryers, hair curlers, and other electric hair dressing appliances; electric flatirons; electro-thermic kitchen and household appliances; electric heating resistors other than those of carbon; all the foregoing and parts thereof:		
	Flatirons:		
684.10	Travel type.....	11.5% ad val.	35% ad val.
684.15	Other.....	34% ad val.	40% ad val.
684.20	Toasters, waffle irons, skillets, ovens, stoves, coffee makers and other portable electro-thermic kitchen and household appliances.....	17% ad val.	40% ad val.
	Other:		
684.30	Cooking stoves and ranges, and parts thereof.....	8% ad val.	35% ad val.
684.40	Furnaces, heaters, and ovens, and parts thereof.....	10% ad val.	35% ad val.
684.50	Other.....	11.5% ad val.	35% ad val.
	Electrical telegraph (including printing and type-writing) and telephone apparatus and instruments, and parts thereof:		
684.62	Telephonic apparatus and instruments and parts thereof.....	17.5% ad val.	35% ad val.
684.64	Other.....	14% ad val.	35% ad val.

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 5. - Electrical Machinery and Equipment

323

Item	Articles	Rates of Duty	
		1	2
684.70	Microphones; loudspeakers; head phones; audio-frequency electric amplifiers; electric sound amplifier sets comprised of the foregoing components; and parts of the foregoing articles (including microphone stands).....	15% ad val.	35% ad val.
	Radiotelegraphic and radiotelephonic transmission and reception apparatus; radiobroadcasting and television transmission and reception apparatus, and television cameras; record players, phonographs, tape recorders, dictation recording and transcribing machines, record changers, and tone arms; all of the foregoing, and any combination thereof, whether or not incorporating clocks or other timing apparatus, and parts thereof:		
685.10	Television cameras, and parts thereof.....	12.5% ad val.	35% ad val.
	Radiotelegraphic and radiotelephonic transmission and reception apparatus; radiobroadcasting and television transmission and reception apparatus, and parts thereof:		
685.20	Television apparatus, and parts thereof.....	10% ad val.	35% ad val.
685.22	Other.....	12.5% ad val.	35% ad val.
685.30	Radio-phonograph combinations.....	13.75% ad val.	35% ad val.
685.32	Record players, phonographs, record changers, turn-tables, and tone arms, and parts of the foregoing.....	11.5% ad val.	35% ad val.
	Tape recorders and dictation recording and transcribing machines, and parts thereof:		
685.40	Types recording on magnetizable recording medium, and parts thereof.....	11.5% ad val.	35% ad val.
685.42	Other.....	15% ad val.	30% ad val.
685.50	Other.....	15% ad val.	35% ad val.
685.60	Radio navigational aid apparatus, radar apparatus, and radio remote control apparatus, all the foregoing and parts thereof.....	15% ad val.	35% ad val.
685.70	Bells, sirens, indicator panels, burglar and fire alarms, and other sound or visual signalling apparatus, all the foregoing which are electrical, and parts thereof.....	8.5% ad val.	35% ad val.
685.80	Electrical capacitors, fixed or variable.....	12.5% ad val.	35% ad val.
685.90	Electrical switches, relays, fuses, lightning arresters, plugs, receptacles, lamp sockets, terminals, terminal strips, junction boxes and other electrical apparatus for making or breaking electrical circuits, for the protection of electrical circuits, or for making connections to or in electrical circuits; switchboards (except telephone switchboards) and control panels; all the foregoing and parts thereof.....	17.5% ad val.	35% ad val.
686.10	Resistors, fixed or variable (including potentiometers but not including heating elements), and parts thereof.....	12.5% ad val.	35% ad val.
686.20	Automatic voltage regulators, and parts thereof.....	15% ad val.	35% ad val.

TARIFF SCHEDULES OF THE UNITED STATES

324

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 5. - Electrical Machinery and Equipment

Item	Articles	Rates of Duty	
		1	2
	Electric filament lamps and electric discharge lamps, including ultra-violet and infra-red lamps and photo-flash lamps; electric luminescent lamps; and arc lamps:		
	Filament lamps:		
686.30	Christmas-tree lamps.....	10% ad val.	20% ad val.
686.40	Infra-red lamps.....	8% ad val.	20% ad val.
686.50	Photo-flash lamps.....	8% ad val.	35% ad val.
686.60	Sealed-beam lamps.....	8% ad val.	20% ad val.
	Other:		
	Designed for operating at less than 100 volts:		
686.70	Lamps having glass envelopes not over 0.25 inch in maximum diameter and suitable for use in cystoscopes and other surgical instruments.....	36% ad val.	55% ad val.
686.80	Other.....	8% ad val.	20% ad val.
686.90	Designed for operating at 100 volts or more.....	8% ad val.	20% ad val.
687.10	Electric discharge lamps, including ultra-violet lamps.....	8% (9%) ad val. *	20% ad val.
687.20	Arc lamps.....	11.5% ad val.	35% ad val.
687.30	Electric luminescent lamps.....	8% (9%) ad val. *	20% ad val.
	Electronic tubes (except X-ray tubes); photocells; transistors and other related electronic crystal components; mounted piezo-electric crystals, all the foregoing and parts thereof:		
687.50	Cathode-ray tubes, and parts thereof.....	12% ad val.	35% ad val.
687.60	Other.....	12.5% ad val.	35% ad val.
	Insulated (including enamelled or anodized) electrical conductors, whether or not fitted with connectors (including ignition wiring sets, Christmas-tree lighting sets with or without their bulbs, and other wiring sets):		
688.05	Without fittings.....	15% ad val.	35% ad val.
	With fittings:		
688.10	Christmas-tree lighting sets, with or without their bulbs, and wiring sets similar thereto.....	20% ad val.	50% ad val.
688.15	Other.....	17% ad val.	35% ad val.
	Uninsulated electrical conductors:		
688.20	Comprised of aluminum wire or strand spirally wound or twisted around a steel or aluminum core.....	15% ad val.	35% ad val.
688.25	Flexible, consisting of an assemblage composed of flat wire spirally wound or twisted around a textile core, or of two or more of such assemblages plied or twisted together with or without a central textile core.....	12% ad val.	35% ad val.
	Iron or steel pipes or tubes prepared and coated or lined in any manner suitable for use as conduits for electrical conductors, and iron or steel fittings therefor:		
688.30	Pipes or tubes.....	10% ad val.	30% ad val.
688.35	Fittings.....	19% ad val.	45% ad val.
688.40	Electrical articles, and electrical parts of articles, not specially provided for.....	11.5% ad val.	35% ad val.
	* See general headnote 3(f)(iii).		

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 6. - Transportation Equipment

325

Item	Articles	Rates of Duty	
		1	2
PART 6. - TRANSPORTATION EQUIPMENT			
<u>Part 6 headnotes:</u>			
1. This part does not cover — (i) bicycles (see part 5C of schedule 7); or (ii) sleds and toboggans (see part 5D of schedule 7).			
—			
Subpart A. - Rail Locomotives and Rolling Stock			
690.05	Rail locomotives and tenders.....	11.5% ad val.	35% ad val.
690.10	Self-propelled rail vehicles designed to carry passengers or articles.....	11.5% ad val.	35% ad val.
Railroad and railway rolling stock:			
690.15	Passenger, baggage, mail, freight and other cars, not self-propelled.....	18% ad val.	45% ad val.
690.20	Workshops, cranes, and other service vehicles.....	10% ad val.	45% ad val.
Parts of the foregoing articles:			
690.25	Axles and parts thereof, and axle bars, all of the foregoing of iron or steel.....	0.3¢ per lb.	0.6¢ per lb.
690.30	Wheels and parts thereof, of iron or steel; and any of such wheels or parts imported with iron or steel axles fitted in them.....	0.4¢ per lb.	1¢ per lb.
Other:			
690.35	Parts of cars provided for in item 690.15.....	18% ad val.	45% ad val.
690.40	Other.....	11.5% ad val.	35% ad val.
Subpart B. - Motor Vehicles			
<u>Subpart B headnotes:</u>			
1. For the purposes of this subpart — (a) the term "motor vehicles" includes amphibious motor vehicles; (b) automobile truck tractors imported with their trailers are, together with their trailers, classifiable in item 692.05, but, if such tractors or trailers are separately imported, they are classifiable in item 692.25.			
—			
Motor vehicles (except motorcycles) for the transport of persons or articles:			
692.05	Automobile trucks valued at \$1,000 or more, and motor buses.....	8.5% ad val.	25% ad val.
692.10	Other.....	6.5% ad val.	10% ad val.
692.15	Motor vehicles specially constructed and equipped to perform special services or functions, such as, but not limited to, fire engines, mobile cranes, wreckers, concrete mixers, and mobile clinics.....	10% ad val.	25% ad val.

TARIFF SCHEDULES OF THE UNITED STATES

326

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 6. - Transportation Equipment

Item	Articles	Rates of Duty	
		1	2
	Chassis, bodies (including cabs), and parts of the foregoing motor vehicles:		
	Bodies (including cabs) and chassis:		
692.20	For automobile trucks and motor buses.....	8.5% ad val.	25% ad val.
692.22	Other.....	6.5% ad val.	10% ad val.
	Other:		
692.24	Cast-iron (except malleable cast-iron) parts, not alloyed and not advanced beyond cleaning, and machined only for the removal of fins, gates, sprues, and risers or to permit location in finishing machinery.....		
692.25	Other.....	3% ad val. 8.5% ad val.	10% ad val. 25% ad val.
	Tractors (except tractors in item 692.40 and except automobile truck tractors), whether or not equipped with power take-offs, winches, or pulleys, and parts of such tractors:		
692.30	Tractors suitable for agricultural use, and parts thereof.....	Free	Free
692.35	Other.....	11.5% ad val.	27.5% ad val.
692.40	Fork-lift trucks, platform trucks and other self-propelled work trucks, and platform tractors; all of the foregoing of off-the-highway types used in factories, warehouses, or transportation terminals for short-distance transport, towing, or handling of articles; and parts of the foregoing trucks and tractors.....	9.5% ad val.	35% ad val.
692.45	Tanks and other self-propelled armored military vehicles, whether or not fitted with weapons, and parts thereof.....	10% ad val.	35% ad val.
	Motorcycles and parts thereof:		
692.50	Motorcycles.....	10% ad val.	10% ad val.
692.55	Parts.....	12% ad val.	25% ad val.
692.60	Vehicles (including trailers), not self propelled, not specially provided for, and parts thereof.....	16% ad val.	45% ad val.
Subpart C. - Aircraft and Spacecraft			
<u>Subpart C headnotes:</u>			
1. This subpart does not cover —			
(i) guided weapons and missiles or similar weapons of war (see part 5A of schedule 7); or			
(ii) toy balloons or toy kites (see part 5E of schedule 7).			
2. For the purposes of this subpart —			
(a) the term "aircraft" embraces lighter-than-air aircraft (balloons and airships), heavier-than-air aircraft (airplanes, including machines also capable of use for ground or water transportation; gliders and kites), all the foregoing, however propelled, and whether designed for civilian or military use, but does not include spacecraft; and			
(b) the term "spacecraft" embraces craft, however propelled, and whether designed for civilian or military use, designed for flight beyond the earth's atmosphere.			

TARIFF SCHEDULES OF THE UNITED STATES

SCHEDULE 6. - METALS AND METAL PRODUCTS
Part 6. - Transportation Equipment

327

Item	Articles	Rates of Duty	
		1	2
	Aircraft and spacecraft, and parts thereof:		
694.15	Balloons and airships.....	9% ad val.	27.5% ad val.
694.20	Gliders.....	9% ad val.	27.5% ad val.
694.30	Kites, and parts thereof.....	25% ad val.	50% ad val.
694.40	Airplanes.....	10% ad val.	30% ad val.
694.50	Spacecraft.....	10% ad val.	27.5% ad val.
694.60	Other parts.....	10% ad val.	27.5% ad val.
694.70	Parachutes and parts thereof.....	30% ad val.	50% ad val.
	Subpart D. - Pleasure Boats; Floating Structures		
	<u>Subpart D headnote:</u>		
	1. This subpart does not cover --		
	(i) yachts or pleasure boats provided for in items 696.05-10 if in use or intended to be used in trade or commerce, or if brought into the United States by non-residents thereof for their own use in pleasure cruising; or		
	(ii) vessels which are not yachts or pleasure boats (see general headnote 5(e)).		

	Yachts or pleasure boats, regardless of length or tonnage, whether motor, sail, or steam propelled, owned by a resident of the United States or brought into the United States for sale or charter to a resident thereof, whether or not such yachts or boats are brought into the United States under their own power; and parts thereof:		
	Yachts or pleasure boats:		
696.05	Valued not over \$15,000 each.....	4% ad val.	30% ad val.
696.10	Valued over \$15,000 each.....	10% ad val.	30% ad val.
696.15	Parts.....	12% ad val.	30% ad val.
	Canoes, racing shells, pneumatic craft, and pleasure boats not specially provided for which are not of a type designed to be chiefly used with motors or sails; and parts of the foregoing:		
696.30	Canoes and canoe paddles, of wood or bark.....	8.5% ad val.	35% ad val.
696.35	Pneumatic craft.....	12.5% ad val.	25% ad val.
696.40	Other.....	20% ad val.	45% ad val.
696.50	Floating docks and parts thereof.....	10% ad val.	35% ad val.
696.60	Buoys, beacons, landing stages, cofferdams, rafts, and other floating structures (except vessels).....	19% ad val.	45% ad val.

