

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

SECTION XV

BASE METALS AND ARTICLES OF BASE METAL

XV-1

Notes

1. This section does not cover:
 - (a) Prepared paints, inks or other products with a basis of metallic flakes or powder (headings 3207 to 3210, 3212, 3213 or 3215);
 - (b) Ferrocium or other pyrophoric alloys (heading 3606);
 - (c) Headgear or parts thereof of heading 6506 or 6507;
 - (d) Umbrella frames or other articles of heading 6603;
 - (e) Goods of chapter 71 (for example, precious metal alloys, base metal clad with precious metal, imitation jewelry);
 - (f) Articles of section XVI (machinery, mechanical appliances and electrical goods);
 - (g) Assembled railway or tramway track (heading 8608) or other articles of section XVII (vehicles, ships and boats, aircraft);
 - (h) Instruments or apparatus of section XVIII, including clock or watch springs;
 - (i) Lead shot prepared for ammunition (heading 9306) or other articles of section XIX (arms and ammunition);
 - (k) Articles of chapter 94 (for example, furniture, mattress supports, lamps and lighting fittings, illuminated signs, prefabricated buildings);
 - (l) Articles of chapter 95 (for example, toys, games, sports equipment);
 - (m) Hand sieves, buttons, pens, pencil-holders, pen nibs, monopods, bipods, tripods and similar articles or other articles of chapter 96 (miscellaneous manufactured articles); or
 - (n) Articles of chapter 97 (for example, works of art).
2. Throughout the tariff schedule, the expression "parts of general use" means:
 - (a) Articles of heading 7307, 7312, 7315, 7317 or 7318 and similar articles of other base metals;
 - (b) Springs and leaves for springs, of base metal, other than clock or watch springs (heading 9114); and
 - (c) Articles of heading 8301, 8302, 8308 or 8310 and frames and mirrors, of base metal, of heading 8306.

In chapters 73 to 76 and 78 to 82 (but not in heading 7315) references to parts of goods do not include references to parts of general use as defined above.

Subject to the preceding paragraph and to note 1 to chapter 83, the articles of chapter 82 or 83 are excluded from chapters 72 to 76 and 78 to 81.
3. Throughout the schedule, the expression "base metals" means: iron and steel, copper, nickel, aluminum, lead, zinc, tin, tungsten (wolfram), molybdenum, tantalum, magnesium, cobalt, bismuth, cadmium, titanium, zirconium, antimony, manganese, beryllium, chromium, germanium, vanadium, gallium, hafnium, indium, niobium (columbium), rhenium and thallium.
4. Throughout the schedule, the term "cermets" means products containing a microscopic heterogeneous combination of a metallic component and a ceramic component. The term "cermets" includes sintered metal carbides (metal carbides sintered with a metal).
5. Classification of alloys (other than ferroalloys and master alloys as defined in chapters 72 and 74):
 - (a) An alloy of base metals is to be classified as an alloy of the metal which predominates by weight over each of the other metals.

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV-2

Notes (con.)

- (b) An alloy composed of base metals of this section and of elements not falling within this section is to be treated as an alloy of base metals of this section if the total weight of such metals equals or exceeds the total weight of the other elements present.
 - (c) In this section the term "alloys" includes sintered mixtures of metal powders, heterogeneous intimate mixtures obtained by melting (other than cermets) and intermetallic compounds.
6. Unless the context otherwise requires, any reference in the tariff schedule to a base metal includes a reference to alloys which, by virtue of note 5 above, are to be classified as alloys of that metal.

7. Classification of composite articles:

Except where the headings otherwise require, articles of base metal (including articles of mixed materials treated as articles of base metal under the General Rules of Interpretation) containing two or more base metals are to be treated as articles of the base metal predominating by weight over each of the other metals. For this purpose:

- (a) Iron and steel, or different kinds of iron or steel, are regarded as one and the same metal;
 - (b) An alloy is regarded as being entirely composed of that metal as an alloy of which, by virtue of note 5, it is classified; and
 - (c) A cermet of heading 8113 is regarded as a single base metal.
8. In this section, the following expressions have the meanings hereby assigned to them:

(a) Waste and scrap

Metal waste and scrap from the manufacture or mechanical working of metals, and metal goods definitely not usable as such because of breakage, cutting-up, wear or other reasons.

(b) Powders

Products of which 90 percent or more by weight passes through a sieve having a mesh aperture of 1 mm.

Additional U.S. Note

1. For the purposes of this section, the term "unwrought" 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, flattened pellets, rounds, rondelles, shot and similar manufactured 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.

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

CHAPTER 72

IRON AND STEEL

XV
72-1

Notes

1. In this chapter and, in the case of notes (d), (e) and (f) below throughout the tariff schedule, the following expressions have the meanings hereby assigned to them:

(a) Pig iron

Iron-carbon alloys not usefully malleable, containing more than 2 percent by weight of carbon and which may contain by weight one or more other elements within the following limits:

- not more than 10 percent of chromium
- not more than 6 percent of manganese
- not more than 3 percent of phosphorus
- not more than 8 percent of silicon
- a total of not more than 10 percent of other elements.

(b) Spiegeleisen

Iron-carbon alloys containing by weight more than 6 percent but not more than 30 percent of manganese and otherwise conforming to the specification at (a) above.

(c) Ferroalloys

Alloys in pigs, blocks, lumps or similar primary forms, in forms obtained by continuous casting and also in granular or powder forms, whether or not agglomerated, commonly used as an additive in the manufacture of other alloys or as deoxidants, desulfurizing agents or for similar uses in ferrous metallurgy and generally not usefully malleable, containing by weight 4 percent or more of the element iron and one or more of the following:

- more than 10 percent of chromium
- more than 30 percent of manganese
- more than 3 percent of phosphorus
- more than 8 percent of silicon
- a total of more than 10 percent of other elements, excluding carbon, subject to a maximum content of 10 percent in the case of copper.

(d) Steel

Ferrous materials other than those of heading 7203 which (with the exception of certain types produced in the form of castings) are usefully malleable and which contain by weight 2 percent or less of carbon. However, chromium steels may contain higher proportions of carbon.

(e) Stainless steel

Alloy steels containing, by weight 1.2 percent or less of carbon and 10.5 percent or more of chromium, with or without other elements.

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV
72-2

Notes (con.)

(f) Other alloy steel

Steels not complying with the definition of stainless steel and containing by weight one or more of the following elements in the proportion shown:

- 0.3 percent or more of aluminum
- 0.0008 percent or more of boron
- 0.3 percent or more of chromium
- 0.3 percent or more of cobalt
- 0.4 percent or more of copper
- 0.4 percent or more of lead
- 1.65 percent or more of manganese
- 0.08 percent or more of molybdenum
- 0.3 percent or more of nickel
- 0.06 percent or more of niobium
- 0.6 percent or more of silicon.
- 0.05 percent or more of titanium
- 0.3 percent or more of tungsten (wolfram)
- 0.1 percent or more of vanadium
- 0.05 percent or more of zirconium
- 0.1 percent or more of other elements (except sulfur, phosphorus, carbon and nitrogen), taken separately.

(g) Remelting scrap ingots of iron or steel

Products roughly cast in the form of ingots without feeder-heads or hot tops, or of pigs, having obvious surface faults and not complying with the chemical composition of pig iron, spiegeleisen or ferroalloys.

(h) Granules

Products of which less than 90 percent by weight passes through a sieve with a mesh aperture of 1 mm and of which 90 percent or more by weight passes through a sieve with a mesh aperture of 5 mm.

(ij) Semifinished products

Continuous cast products of solid section, whether or not subjected to primary hot-rolling; and

Other products of solid section, which have not been further worked than subjected to primary hot-rolling or roughly shaped by forging, including blanks for angles, shapes or sections.

These products are not presented in coils.

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV
72-3

Notes (con.)

(k) Flat-rolled products

Rolled products of solid rectangular (other than square) cross section, which do not conform to the definition at (ij) above in the form of:

- coils of successively superimposed layers, or

- straight lengths, which if of a thickness less than 4.75 mm are of a width measuring at least 10 times the thickness or if of a thickness of 4.75 mm or more are of a width which exceeds 150 mm and measures at least twice the thickness.

Flat-rolled products include those with patterns in relief derived directly from rolling (for example, grooves, ribs, checkers, tears, buttons, lozenges) and those which have been perforated, corrugated or polished, provided that they do not thereby assume the character of articles or products of other headings.

Flat-rolled products of a shape other than rectangular or square, of any size, are to be classified as products of a width of 600 mm or more, provided that they do not assume the character of articles or products of other headings.

(l) Bars and rods, hot-rolled, in irregularly wound coils

Hot-rolled products in irregularly wound coils, which have a solid cross section in the shape of circles, segments of circles, ovals, rectangles (including squares), triangles or other convex polygons (including "flattened circles" and "modified rectangles", of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel). These products may have indentations, ribs, grooves or other deformations produced during the rolling process (reinforcing bars and rods).

(m) Other bars and rods

Products which do not conform to any of the definitions at (ij), (k) or (l) above or to the definition of wire, which have a uniform solid cross section along their whole length in the shape of circles, segments of circles, ovals, rectangles (including squares), triangles or other convex polygons (including "flattened circles" and "modified rectangles", of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel). These products may:

- have indentations, ribs, grooves or other deformations produced during the rolling process (reinforcing bars and rods);

- be twisted after rolling.

(n) Angles, shapes and sections

Products having a uniform solid cross section along their whole length which do not conform to any of the definitions at (ij), (k), (l) or (m) above or to the definition of wire.

Chapter 72 does not include products of heading 7301 or 7302.

(o) Wire

Cold-formed products in coils, of any uniform solid cross section along their whole length, which do not conform to the definition of flat-rolled products.

(p) Hollow drill bars and rods

Hollow bars and rods of any cross section, suitable for drills, of which the greatest external dimension of the cross section exceeds 15 mm but does not exceed 52 mm, and of which the greatest internal dimension does not exceed one half of the greatest external dimension. Hollow bars and rods of iron or steel not conforming to this definition are to be classified in heading 7304.

2. Ferrous metals clad with another ferrous metal are to be classified as products of the ferrous metal predominating by weight.
3. Iron or steel products obtained by electrolytic deposition, by pressure casting or by sintering are to be classified according to their form, their composition and their appearance, in the headings of this chapter appropriate to similar hot-rolled products.

Subheading Notes

1. In this chapter the following expressions have the meanings hereby assigned to them:

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV

72-4

Subheading Notes (con.)

(a) Alloy pig iron

Pig iron containing, by weight, one or more of the following elements in the specified proportions:

- more than 0.2 percent of chromium
- more than 0.3 percent of copper
- more than 0.3 percent of nickel
- more than 0.1 percent of any of the following elements: aluminum, molybdenum, titanium, tungsten (wolfram), vanadium.

(b) Nonalloy free-cutting steel

Nonalloy steel containing by weight one or more of the following elements in the specified proportions:

- 0.08 percent or more of sulfur
- 0.1 percent or more of lead
- more than 0.05 percent of selenium
- more than 0.01 percent of tellurium
- more than 0.05 percent of bismuth.

(c) Silicon electrical steel

Alloy steels containing by weight at least 0.6 percent but not more than 6 percent of silicon and not more than 0.08 percent of carbon. They may also contain by weight not more than 1 percent of aluminum but no other element in a proportion that would give the steel the characteristics of another alloy steel.

(d) High-speed steel

Alloy steels containing, with or without other elements, at least two of the three elements molybdenum, tungsten and vanadium with a combined content by weight of 7 percent or more, 0.6 percent or more of carbon and 3 to 6 percent of chromium.

(e) Silico-manganese steel

Alloy steels containing by weight:

- not more than 0.7 percent of carbon,
- 0.5 percent or more but not more than 1.9 percent of manganese, and
- 0.6 percent or more but not more than 2.3 percent of silicon, but no other element in a proportion that would give the steel the characteristics of another alloy steel.

2. For the classification of ferroalloys in the subheadings of heading 7202 the following rule should be observed:

A ferroalloy is considered as binary and classified under the relevant subheading (if it exists) if only one of the alloy elements exceeds the minimum percentage laid down in chapter note 1(c); by analogy, it is considered respectively as ternary or quaternary if two or three alloy elements exceed the minimum percentage.

For the application of this rule, the unspecified "other elements" referred to in chapter note 1(c) must each exceed 10 percent by weight.

Additional U.S. Notes

1. For the purposes of the tariff schedule the following expressions have the meanings hereby assigned to them:

(a) High-strength steel

Flat-rolled products of a thickness of less than 3 mm and having a minimum yield point of 275 MPa or of a thickness of 3 mm or more and having a minimum yield point of 355 MPa.

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV
72-5

Additional U.S. Notes (con.)

(b) Universal mill plate

Flat-rolled products rolled on four faces or in a closed box pass, of a width exceeding 150 mm but not exceeding 1,250 mm and of thickness of not less than 4 mm, not in coils and without patterns in relief.

(c) Concrete reinforcing bars and rods

Hot-rolled bars and rods containing indentations, ribs, grooves or other deformations produced during the rolling process or twisted after rolling.

(d) Razor blade steel

Flat-rolled products of stainless steel not over 0.25 mm in thickness and not over 23 mm in width, and containing by weight not over 14.7 percent of chromium, certified at the time of entry to be used in the manufacture of razor blades.

(e) Tool steel

Alloy steels which contain the following combinations of elements in the quantity by weight respectively indicated:

- (i) more than 1.2 percent carbon and more than 10.5 percent chromium; or
- (ii) not less than 0.3 percent carbon and 1.25 percent or more but less than 10.5 percent chromium; or
- (iii) not less than 0.85 percent carbon and 1 percent to 1.8 percent, inclusive, manganese; or
- (iv) 0.9 percent to 1.2 percent, inclusive, chromium and 0.9 percent to 1.4 percent, inclusive, molybdenum; or
- (v) not less than 0.5 percent carbon and not less than 3.5 percent molybdenum; or
- (vi) not less than 0.5 percent carbon and not less than 5.5 percent tungsten.

(f) Chipper knife steel

Alloy tool steels which contain, in addition to iron, each of the following elements by weight in the amount specified:

- (i) not less than 0.48 nor more than 0.55 percent of carbon;
- (ii) not less than 0.2 nor more than 0.5 percent of manganese;
- (iii) not less than 0.75 nor more than 1.05 percent of silicon;
- (iv) not less than 7.25 nor more than 8.75 percent of chromium;
- (v) not less than 1.25 nor more than 1.75 percent of molybdenum;
- (vi) none, or not more than 1.75 percent of tungsten; and
- (vii) not less than 0.2 nor more than 0.55 percent of vanadium.

(g) Heat-resisting steel

Alloy steels containing by weight less than 0.3 percent of carbon and 4 percent or more but less than 10.5 percent of chromium.

(h) Ball-bearing steel

Alloy tool steels which contain, in addition to iron, each of the following elements by weight in the amount specified:

- (i) not less than 0.95 nor more than 1.13 percent of carbon;
- (ii) not less than 0.22 nor more than 0.48 percent of manganese;
- (iii) none, or not more than 0.03 percent of sulfur;
- (iv) none, or not more than 0.03 percent of phosphorus;

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV
72-6

Additional U.S. Notes (con.)

- (v) not less than 0.18 nor more than 0.37 percent of silicon;
 - (vi) not less than 1.25 nor more than 1.65 percent of chromium;
 - (vii) none, or not more than 0.28 percent of nickel;
 - (viii) none, or not more than 0.38 percent of copper; and
 - (ix) none, or not more than 0.09 percent of molybdenum.
2. For the purposes of this chapter, unless the context provides otherwise, the term "further worked" refers to products subjected to any of the following surface treatments: polishing and burnishing; artificial oxidation; chemical surface treatments such as phosphatizing, oxalating and borating; coating with metal; coating with nonmetallic substances (e.g., enameling, varnishing, lacquering, painting, coating with plastics materials); or cladding.
3. No allowance or reduction of duties for partial damage or loss in consequence of discoloration or rust occurring before entry shall be made upon iron or steel or upon any article of iron or steel.

Statistical Notes

1. For the purposes of the tariff schedule, the expression high-nickel alloy steel refers to alloy steel containing by weight 24 percent or more of nickel, with or without other elements.
2. For the purposes of subheading 7204.10, waste and scrap of cast iron includes but is not necessarily limited to: cupola cast (ISRI number 252); charging box cast (ISRI number 253); heavy breakable cast (ISRI number 254); hammer blocks or bases (ISRI number 255); burnt iron (ISRI number 256); mixed cast (ISRI number 257); stove plate, clean cast iron stove (ISRI number 258); clean auto cast (ISRI numbers 259, 262 and 263); motor blocks (ISRI number 260); drop broken machinery cast (ISRI number 261); malleable (ISRI number 264); ingot molds and stools (ISRI numbers 265 and 266); and railroad ferrous scrap consisting of cast iron No. 1, No. 2, No. 3 and No. 4, cast iron brake shoes and No. 1 wheels.
3. For the purposes of subheading 7204.41 or 7204.49 the expression:
- (a) No. 1 heavy melting includes, but is not necessarily limited to:

No. 1 heavy melting steel (ISRI numbers 200, 201 and 202); bundled No. 1 steel (ISRI number 217); cast steel (ISRI number 233); springs and crankshafts (ISRI number 244); ship scrap; and railroad ferrous scrap consisting of cast steel No. 1 and No. 2, railroad No. 1 melting steel, spring steel, destroyed steel cars, destroyed steel car sides and box car roofs (note: other types of railroad ferrous scrap are included in some of the grades listed below);
 - (b) No. 2 heavy melting includes, but is not necessarily limited to:

No. 2 heavy melting steel (ISRI numbers 203, 204, 205 and 206); bundled No. 2 steel (ISRI number 218); foundry steel (ISRI numbers 242 and 243); and hard steel cut 76 cm and under (ISRI number 248);
 - (c) No. 1 bundles includes, but is not necessarily limited to:

No. 1 busheling (ISRI number 207); new black sheet clippings (ISRI number 207A); No. 1 bundles (ISRI number 208); electric furnace bundles (ISRI number 235); silicon-bearing steel busheling, clippings, and bundles (ISRI numbers 239, 240 and 250); No. 1 railroad ferrous sheet scrap; and car clips;
 - (d) No. 2 bundles includes, but is not necessarily limited to:

No. 2 bundles (ISRI number 209); No. 3 bundles (ISRI number 214); incinerator bundles (ISRI number 215); terne plate bundles (ISRI number 216); and auto slabs (ISRI numbers 224 and 225);
 - (e) Borings, shovelings and turnings includes, but it not necessarily limited to:

Machine shop turnings, shoveling turnings and iron borings (ISRI numbers 219, 220, 221, 222 and 223); briquetted iron borings (ISRI number 226); briquetted steel turnings (ISRI number 227); alloy free turnings (ISRI numbers 245, 246 and 247); heavy turnings (ISRI number 251); chemical borings, No. 1 and No. 2 (ISRI numbers 267 and 271); malleable borings (ISRI number 270); steel shavings; and railroad ferrous scrap consisting of No. 1 turnings and No. 2 turnings, drillings and/or borings;
 - (f) Shredded scrap includes, but is not necessarily limited to:

Shredded clippings (ISRI number 212); and shredded automobile scrap (ISRI numbers 210 and 211);

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV
72-7

Statistical Notes (con.)

(g) Cut plate and structural includes but is not necessarily limited to:

Billet, bloom and forge crops (ISRI number 229); bar crops, punchings and plate scrap (ISRI numbers 230 and 234); plate and structural (ISRI numbers 231, 232, 236, 237 and 238); chargeable ingots and ingot butts (ISRI number 241); and chargeable slab crops (ISRI number 249).

4. Tire cord-quality steel wire rod

Rod measuring 5.0 mm or more but not more than 6.0 mm in cross-sectional diameter, with an average partial decarburization of no more than 70 micrometers in depth (maximum 200 micrometers); having no non-deformable inclusions with a thickness (measured perpendicular to the rolling direction) greater than 20 micrometers; and, containing by weight the following elements in proportions:

- 0.68 percent or more carbon,
- less than 0.01 percent of aluminum,
- 0.040 percent or less, in aggregate, of phosphorus and sulfur,
- 0.008 percent or less of nitrogen, and
- not more than 0.55 percent, in the aggregate, of copper, nickel and chromium.

5. Cold Heading Quality (CHQ)

Rod suitable for cold heading, forging, or thread rolling, and meeting standard ASTM F2282.

6. Welding quality wire rod

Rod measuring less than 10 mm in diameter having less than 0.2 percent carbon, less than 0.04 percent sulfur, and less than 0.04 percent phosphorus, suitable for drawing or rolling to final size for use as:

- (i) an uncoated or plated or copper coated solid welding wire or rod;
- (ii) the core wire or core rod for covered shielded metal arc (“SMAW”) welding electrode, or
- (iii) the formed jacket of a flux cored welding electrode

that is suitable for consumption in the electric arc welding process.

7. Spring round wire

For the purposes of statistical reporting number 7223.00.1005, the term “spring round wire” means wire suitable for the manufacture of springs and meeting ASTM standard A313.

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV
72-8

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty		
				1		2
				General	Special	
		I. PRIMARY MATERIALS; PRODUCTS IN GRANULAR OR POWDER FORM				
7201		Pig iron and spiegeleisen in pigs, blocks or other primary forms:				
7201.10.00	00	Nonalloy pig iron containing by weight 0.5 percent or less of phosphorus.....	t.....	Free ^{1/}		\$1.11/t
7201.20.00	00	Nonalloy pig iron containing by weight more than 0.5 percent of phosphorus.....	t.....	Free ^{1/}		\$1.11/t
7201.50		Alloy pig iron; spiegeleisen:				
7201.50.30	00	Alloy pig iron.....	t.....	Free ^{1/}		\$1.11/t
7201.50.60	00	Spiegeleisen.....	t.....	Free ^{1/}		0.5%
7202		Ferroalloys:				
		Ferromanganese:				
7202.11		Containing by weight more than 2 percent of carbon:				
7202.11.10	00	Containing by weight more than 2 percent but not more than 4 percent of carbon.....	kg..... Mn kg	1.4% ^{1/}	Free (A*, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	6.5%
7202.11.50	00	Containing by weight more than 4 percent of carbon.....	kg..... Mn kg	1.5% ^{1/}	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	10.5%
7202.19		Other:				
7202.19.10	00	Containing by weight not more than 1 percent of carbon.....	kg..... Mn kg	2.3% ^{1/}	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	22%
7202.19.50	00	Containing by weight more than 1 percent but not more than 2 percent of carbon.....	kg..... Mn kg	1.4% ^{1/}	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	6.5%

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV
72-9

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty		
				1		2
				General	Special	
7202 (con.)		Ferroalloys: (con.)				
7202.21		Ferrosilicon:				
		Containing by weight more than 55 percent of silicon:				
		Containing by weight more than 55 percent but not				
		more than 80 percent of silicon:				
7202.21.10	00	Containing by weight more than 3 percent of calcium.....	kg..... Si kg	1.1% ^{1/}	Free (A*, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	11.5%
7202.21.50	00	Other.....	kg..... Si kg	1.5% ^{1/}	Free (A*, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	11.5%
7202.21.75	00	Containing by weight more than 80 percent but not more than 90 percent of silicon.....	kg..... Si kg	1.9% ^{1/}	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	9%
7202.21.90	00	Containing by weight more than 90 percent of silicon.....	kg..... Si kg	5.8% ^{1/}	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	40%
7202.29.00		Other.....		Free ^{1/}		4.4¢/kg on silicon content
	10	Containing by weight over 2 percent of magnesium.....	kg Si kg			
	50	Other.....	kg Si kg			
7202.30.00	00	Ferrosilicon manganese.....	kg..... Mn kg	3.9% ^{1/}	Free (A*, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	23%

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV
72-10

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty		
				1		2
				General	Special	
7202 (con.)		Ferroalloys: (con.)				
7202.41.00	00	Ferrochromium: Containing by weight more than 4 percent of carbon...	kg..... Cr kg	1.9% ^{1/}	Free (A*, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	7.5%
7202.49		Other:				
7202.49.10	00	Containing by weight more than 3 percent of carbon.....	kg..... Cr kg	1.9% ^{1/}	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	7.5%
7202.49.50		Other.....		3.1% ^{1/}	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	30%
	10	Containing by weight more than 0.5 percent of carbon.....	kg Cr kg			
	90	Other.....	kg Cr kg			
7202.50.00	00	Ferrosilicon chromium.....	kg..... Cr kg	10% ^{1/}	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
7202.60.00	00	Ferronickel.....	kg..... Ni kg	Free		6.6¢/kg
7202.70.00	00	Ferromolybdenum.....	kg..... Mo kg	4.5%	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	31.5%
7202.80.00	00	Ferrotungsten and ferrosilicon tungsten.....	kg..... W kg	5.6% ^{1/}	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV
72-11

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty		
				1		2
				General	Special	
7202 (con.)		Ferrous alloys: (con.)				
		Other:				
7202.91.00	00	Ferrotitanium and ferrosilicon titanium.....	kg.....	3.7% ^{1/}	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
7202.92.00	00	Ferrovandium.....	kg..... V kg	4.2% ^{1/}	Free (A+, AU, BH, CA, CL, CO, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
7202.93		Ferromanganese:				
7202.93.40	00	Containing by weight less than 0.02 percent of phosphorus or sulfur or less than 0.4 percent of silicon.....	kg.....	5%	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
7202.93.80	00	Other.....	kg.....	5%	Free (A*, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
7202.99		Other:				
7202.99.10	00	Ferromanganese.....	kg.....	4.2% ^{1/}	Free (A*, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
7202.99.20	00	Calcium silicon.....	kg.....	5% ^{1/}	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
7202.99.80		Other.....		5% ^{2/}	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
	20	Ferrophosphorus.....	kg			
	40	Other.....	kg			
7203		Ferrous products obtained by direct reduction of iron ore and other spongy ferrous products, in lumps, pellets or similar forms; iron having a minimum purity by weight of 99.94 percent, in lumps, pellets or similar forms:				
7203.10.00	00	Ferrous products obtained by direct reduction of iron ore.....	t.....	Free ^{1/}		\$2.21/t
7203.90.00	00	Other.....	t.....	Free ^{1/}		\$2.21/t

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV
72-12

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty		
				1		2
				General	Special	
7204		Ferrous waste and scrap; remelting scrap ingots of iron or steel:				
7204.10.00	00	Waste and scrap of cast iron.....	t	Free ^{1/}		74¢/t
		Waste and scrap of alloy steel:				
7204.21.00	00	Of stainless steel.....	t	Free ^{1/}		74¢/t
7204.29.00	00	Other.....	t	Free ^{1/}		74¢/t
7204.30.00	00	Waste and scrap of tinned iron or steel.....	t	Free ^{1/}		Free
		Other waste and scrap:				
7204.41.00		Turnings, shavings, chips, milling waste, sawdust, filings, trimmings and stampings, whether or not in bundles.....		Free ^{1/}		74¢/t
	20	No. 1 bundles.....	t			
	40	No. 2 bundles.....	t			
	60	Borings, shovelings and turnings.....	t			
	80	Other.....	t			
7204.49.00		Other.....		Free ^{1/}		74¢/t
	20	No. 1 heavy melting.....	t			
	40	No. 2 heavy melting.....	t			
		Other:				
	60	Cut plate and structural.....	t			
	70	Shredded.....	t			
	80	Other.....	t			
7204.50.00	00	Remelting scrap ingots.....	t	Free ^{1/}		74¢/t
7205		Granules and powders, of pig iron, spiegeleisen, iron or steel:				
7205.10.00	00	Granules.....	kg	Free ^{1/}		3%
		Powders:				
7205.21.00	00	Of alloy steel.....	kg	Free ^{1/}		45%
7205.29.00	00	Other.....	t	Free ^{1/}		\$2.21/t

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV
72-13

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty		
				1		2
				General	Special	
II. IRON AND NONALLOY STEEL						
7206		Iron and nonalloy steel in ingots or other primary forms (excluding iron of heading 7203):				
7206.10.00	00	Ingots.....	kg.....	Free ^{3/}		20%
7206.90.00	00	Other.....	kg.....	Free ^{3/}		20%
7207		Semifinished products of iron or nonalloy steel:				
Containing by weight less than 0.25 percent of carbon:						
7207.11.00	00	Of rectangular (including square) cross section, the width measuring less than twice the thickness.....	kg.....	Free ^{3/}		20%
7207.12.00		Other, of rectangular (other than square) cross section.....	.....	Free ^{3/}		20%
	10	Having a width measuring less than four times the thickness.....	kg			
	50	Having a width measuring at least four times the thickness.....	kg			
7207.19.00		Other.....	.....	Free ^{3/}		20%
	30	Of circular cross section.....	kg			
	90	Other.....	kg			
7207.20.00		Containing by weight 0.25 percent or more of carbon.....	.....	Free ^{3/}		20%
Of rectangular (including square) cross section:						
	25	Having a width measuring less than four times the thickness.....	kg			
	45	Having a width measuring at least four times the thickness.....	kg			
	75	Of circular cross section.....	kg			
	90	Other.....	kg			

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV
72-14

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty		
				1		2
				General	Special	
7208		Flat-rolled products of iron or nonalloy steel, of a width of 600 mm or more, hot-rolled, not clad, plated or coated:				
7208.10		In coils, not further worked than hot-rolled, with patterns in relief:				
7208.10.15	00	Pickled.....	kg.....	Free ^{3/}		0.4¢/kg + 20%
		Other:				
7208.10.30	00	Of a thickness of 4.75 mm or more.....	kg.....	Free ^{3/}		20%
7208.10.60	00	Of a thickness of less than 4.75 mm.....	kg.....	Free ^{3/}		20%
7208.25		Other, in coils, not further worked than hot-rolled, pickled:				
7208.25.30	00	Of a thickness of 4.75 mm or more:				
		Of high-strength steel.....	kg.....	Free ^{3/}		20%
7208.25.60	00	Other.....	kg.....	Free ^{3/}		0.4¢/kg + 20%
7208.26.00		Of a thickness of 3 mm or more but less than 4.75 mm.....		Free ^{3/}		0.4¢/kg + 20%
	30	High-strength steel.....	kg			
	60	Other.....	kg			
7208.27.00		Of a thickness of less than 3 mm.....		Free ^{3/}		0.4¢/kg + 20%
	30	High-strength steel.....	kg			
	60	Other.....	kg			
7208.36.00		Other, in coils, not further worked than hot-rolled:				
		Of a thickness exceeding 10 mm.....		Free ^{3/}		20%
	30	High-strength steel.....	kg			
	60	Other.....	kg			
7208.37.00		Of a thickness of 4.75 mm or more but not exceeding 10 mm.....		Free ^{3/}		20%
	30	High-strength steel.....	kg			
	60	Other.....	kg			
7208.38.00		Of a thickness of 3 mm or more but less than 4.75 mm.....		Free ^{3/}		20%
	15	High-strength steel.....	kg			
		Other:				
	30	With untrimmed edges.....	kg			
	90	Other.....	kg			
7208.39.00		Of a thickness of less than 3 mm.....		Free ^{3/}		20%
	15	High-strength steel.....	kg			
		Other:				
	30	With untrimmed edges.....	kg			
	90	Other.....	kg			
7208.40		Not in coils, not further worked than hot-rolled, with patterns in relief:				
7208.40.30		Of a thickness of 4.75 mm or more.....		Free ^{3/}		20%
	30	Of a thickness exceeding 10 mm.....	kg			
	60	Other.....	kg			
7208.40.60		Of a thickness of less than 4.75 mm.....		Free ^{3/}		20%
	30	Of a thickness less than 3 mm.....	kg			
	60	Other.....	kg			

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV
72-15

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty		
				1		2
				General	Special	
7208 (con.)		Flat-rolled products of iron or nonalloy steel, of a width of 600 mm or more, hot-rolled, not clad, plated or coated: (con.)				
		Other, not in coils, not further worked than hot-rolled:				
7208.51.00		Of a thickness exceeding 10 mm.....	kg	Free ^{3/}		20%
	30	Universal mill plate.....	kg			
		Other:				
	45	Of high-strength steel.....	kg			
	60	Other.....	kg			
7208.52.00	00	Of a thickness of 4.75 mm or more but not exceeding 10 mm.....	kg	Free ^{3/}		20%
7208.53.00	00	Of a thickness of 3 mm or more but less than 4.75 mm.....	kg	Free ^{3/}		20%
7208.54.00	00	Of a thickness of less than 3 mm.....	kg	Free ^{3/}		20%
7208.90.00	00	Other.....	kg	Free ^{3/}		20%
7209		Flat-rolled products of iron or nonalloy steel, of a width of 600 mm or more, cold-rolled (cold-reduced), not clad, plated or coated:				
		In coils, not further worked than cold-rolled (cold-reduced):				
7209.15.00	00	Of a thickness of 3 mm or more.....	kg	Free ^{3/}		0.4¢/kg + 20%
7209.16.00		Of a thickness exceeding 1 mm but less than 3 mm....		Free ^{3/}		0.4¢/kg + 20%
		Of high-strength steel:				
	30	Annealed.....	kg			
	60	Other.....	kg			
		Other:				
	70	Annealed.....	kg			
	91	Other.....	kg			
7209.17.00		Of a thickness of 0.5 mm or more but not exceeding 1 mm.....		Free ^{3/}		0.4¢/kg + 20%
		Of high-strength steel:				
	30	Annealed.....	kg			
	60	Other.....	kg			
		Other:				
	70	Annealed.....	kg			
	91	Other.....	kg			
7209.18		Of a thickness of less than 0.5 mm:				
7209.18.15		Of high-strength steel.....		Free ^{3/}		0.4¢/kg + 20%
	30	Annealed.....	kg			
	60	Other.....	kg			
		Other:				
7209.18.25		Of a thickness of less than 0.361 mm (blackplate).....		Free ^{3/}		20%
	20	Annealed.....	kg			
	85	Other.....	kg			
7209.18.60		Other.....		Free ^{3/}		0.4¢/kg + 20%
	20	Annealed.....	kg			
	90	Other.....	kg			
		Not in coils, not further worked than cold-rolled (cold-reduced):				
7209.25.00	00	Of a thickness of 3 mm or more.....	kg	Free ^{3/}		0.4¢/kg + 20%
7209.26.00	00	Of a thickness exceeding 1 mm but less than 3 mm....	kg	Free ^{3/}		0.4¢/kg + 20%
7209.27.00	00	Of a thickness of 0.5 mm or more but not exceeding 1 mm.....	kg	Free ^{3/}		0.4¢/kg + 20%
7209.28.00	00	Of a thickness of less than 0.5 mm.....	kg	Free ^{3/}		0.4¢/kg + 20%
7209.90.00	00	Other.....	kg	Free ^{3/}		0.4¢/kg + 20%

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV
72-16

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty		
				1		2
				General	Special	
7210		Flat-rolled products of iron or nonalloy steel, of a width of 600 mm or more, clad, plated or coated:				
		Plated or coated with tin:				
7210.11.00	00	Of a thickness of 0.5 mm or more.....	kg.....	Free ^{3/}		6%
7210.12.00	00	Of a thickness of less than 0.5 mm.....	kg.....	Free ^{3/}		6%
7210.20.00	00	Plated or coated with lead, including terne-plate.....	kg.....	Free ^{4/}		6%
7210.30.00		Electrolytically plated or coated with zinc.....		Free ^{3/}		21.5%
	30	Of high-strength steel.....	kg			
	60	Other.....	kg			
		Otherwise plated or coated with zinc:				
7210.41.00	00	Corrugated.....	kg.....	Free ^{3/}		21.5%
7210.49.00		Other.....		Free ^{3/}		21.5%
	30	Of high-strength steel.....	kg			
	91	Other: Of a thickness of 0.4 mm or more.....	kg			
	95	Other.....	kg			
7210.50.00	00	Plated or coated with chromium oxides or with chromium and chromium oxides.....	kg.....	Free ^{3/}		45%
		Plated or coated with aluminum:				
7210.61.00	00	Plated or coated with aluminum-zinc alloys.....	kg.....	Free ^{3/}		21.5%
7210.69.00	00	Other.....	kg.....	Free ^{3/}		21.5%
7210.70		Painted, varnished or coated with plastics:				
7210.70.30	00	Not coated or plated with metal and not clad.....	kg.....	Free ^{3/}		0.4¢/kg + 20%
7210.70.60		Other.....		Free ^{3/}		21.5%
	30	Zinc coated or plated: Electrolytically coated or plated.....	kg			
	60	Other.....	kg			
	90	Other.....	kg			
7210.90		Other:				
7210.90.10	00	Clad.....	kg.....	Free ^{3/}		30%
		Other:				
7210.90.60	00	Electrolytically coated or plated with base metal...	kg.....	Free ^{3/}		45%
7210.90.90	00	Other.....	kg.....	Free ^{3/}		21.5%

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV
72-17

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty		
				1		2
				General	Special	
7211		Flat-rolled products of iron or nonalloy steel, of a width of less than 600 mm, not clad, plated or coated:				
		Not further worked than hot-rolled:				
7211.13.00	00	Universal mill plate.....	kg.....	Free ^{3/}		20%
7211.14.00		Other, of a thickness of 4.75 mm or more.....		Free ^{3/}		20%
	30	Of high-strength steel.....	kg			
		Other:				
	45	Not in coils.....	kg			
	90	Other.....	kg			
7211.19		Other:				
		Of a width of less than 300 mm:				
7211.19.15	00	Of high-strength steel.....	kg.....	Free ^{3/}		25%
		Other:				
7211.19.20	00	Of a thickness exceeding 1.25 mm.....	kg.....	Free ^{3/}		25%
7211.19.30	00	Other.....	kg.....	Free ^{3/}		25%
		Other:				
7211.19.45	00	Of high-strength steel.....	kg.....	Free ^{3/}		20%
		Other:				
7211.19.60	00	Pickled.....	kg.....	Free ^{3/}		0.4¢/kg + 20%
7211.19.75		Other.....		Free ^{3/}		20%
		In coils:				
	30	With untrimmed edges.....	kg			
	60	Other.....	kg			
	90	Other.....	kg			
7211.23		Not further worked than cold-rolled (cold-reduced):				
		Containing by weight less than 0.25 percent of carbon:				
		Of a width of less than 300 mm:				
		Of a thickness exceeding 1.25 mm:				
7211.23.15	00	Of high-strength steel.....	kg.....	Free ^{3/}		25%
7211.23.20	00	Other.....	kg.....	Free ^{3/}		25%
7211.23.30	00	Of a thickness exceeding 0.25 mm but not exceeding 1.25 mm.....	kg.....	Free ^{3/}		25%
7211.23.45	00	Of a thickness not exceeding 0.25 mm.....	kg.....	Free ^{3/}		25%
7211.23.60		Other.....		Free ^{3/}		0.4¢/kg + 20%
	30	Of a thickness exceeding 1.25 mm.....	kg			
	60	Of a thickness exceeding 0.25 mm but not exceeding 1.25 mm.....	kg			
	90	Of a thickness not exceeding 0.25 mm:.....	kg			
7211.29		Other:				
		Of a width of less than 300 mm:				
7211.29.20		Of a thickness exceeding 0.25 mm.....		Free ^{3/}		25%
	30	Of a width less than 51 mm, in coils.....	kg			
	90	Other.....	kg			
7211.29.45	00	Other.....	kg.....	Free ^{3/}		25%
7211.29.60		Other.....		Free ^{3/}		0.4¢/kg + 20%
	30	Of a thickness exceeding 1.25 mm.....	kg			
	80	Other.....	kg			
7211.90.00	00	Other.....	kg.....	Free ^{3/}		20%

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV
72-18

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty		
				1		2
				General	Special	
7212		Flat-rolled products of iron or nonalloy steel, of a width of less than 600 mm, clad, plated or coated:				
7212.10.00	00	Plated or coated with tin.....	kg	Free ^{3/}		6%
7212.20.00	00	Electrolytically plated or coated with zinc.....	kg	Free ^{3/}		21.5%
7212.30		Otherwise plated or coated with zinc: Of a width of less than 300 mm:				
7212.30.10		Of a thickness exceeding 0.25 mm or more.....		Free ^{3/}		25%
	30	Of a width less than 51 mm, in coils.....	kg			
	90	Other.....	kg			
7212.30.30	00	Other.....	kg	Free ^{3/}		25%
7212.30.50	00	Other.....	kg	Free ^{3/}		21.5%
7212.40		Painted, varnished or coated with plastics:				
7212.40.10	00	Of a width of less than 300 mm.....	kg	Free ^{3/}		25%
7212.40.50	00	Other.....	kg	Free ^{3/}		0.4¢/kg + 20%
7212.50.00	00	Otherwise plated or coated.....	kg	Free ^{3/}		21.5%
7212.60.00	00	Clad.....	kg	Free ^{3/}		30%
7213		Bars and rods, hot-rolled, in irregularly wound coils, of iron or nonalloy steel:				
7213.10.00	00	Concrete reinforcing bars and rods.....	kg	Free ^{3/}		20%
7213.20.00		Other, of free-cutting steel.....		Free ^{3/}		5.5%
	10	Containing by weight 0.1 percent or more of lead.....	kg			
	80	Other.....	kg			
7213.91		Other: Of circular cross section measuring less than 14 mm in diameter:				
7213.91.30		Not tempered, not treated and not partly manufactured.....		Free ^{3/}		5.5%
	11	Tire cord-quality steel wire rod as defined in statistical note 4 of this chapter.....	kg			
	15	Of Cold Heading Quality (CHQ) steel, as defined in statistical note 5 to this chapter.....	kg			
	20	Of welding quality wire rods as defined in statistical note 6 to this chapter.....	kg			
	93	Other.....	kg			
7213.91.45	00	Other: Containing by weight 0.6 percent or more of carbon.....	kg	Free ^{3/}		5.5%
7213.91.60	00	Other.....	kg	Free ^{3/}		6%
7213.99.00		Other.....		Free ^{3/}		5.5%
	30	Of circular cross section: With a diameter of 14 mm or more but less than 19 mm.....	kg			
	60	With a diameter of 19 mm or more.....	kg			
	90	Other.....	kg			

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV
72-19

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty		
				1		2
				General	Special	
7214		Other bars and rods of iron or nonalloy steel, not further worked than forged, hot-rolled, hot-drawn or hot-extruded, but including those twisted after rolling:				
7214.10.00	00	Forged.....	kg	Free ^{4/}		20%
7214.20.00	00	Concrete reinforcing bars and rods.....	kg	Free ^{3/}		20%
7214.30.00		Other, of free-cutting steel.....		Free ^{3/}		20%
	10	Containing by weight 0.1 percent or more of lead.....	kg			
	80	Other.....	kg			
7214.91.00		Other: Of rectangular (other than square) cross-section.....		Free ^{3/}		20%
		Containing by weight less than 0.25 percent of carbon:				
	16	With a maximum cross section less than 152 mm.....	kg			
	20	With a maximum cross section of 152 mm or more.....	kg			
	60	Containing by weight 0.25 percent or more but less than 0.6 percent of carbon.....	kg			
	90	Containing by weight 0.6 percent or more of carbon.....	kg			
7214.99.00		Other.....		Free ^{3/}		20%
		Rounds:				
		Containing by weight less than 0.25 percent of carbon:				
	16	With a diameter less than 76 mm.....	kg			
	21	With a diameter of 76 mm or more but not exceeding 152 mm.....	kg			
	26	With a diameter exceeding 152 mm.....	kg			
		Containing by weight 0.25 percent or more but less than 0.6 percent of carbon:				
	31	With a diameter less than 76 mm.....	kg			
	36	With a diameter of 76 mm or more but not exceeding 152 mm.....	kg			
	40	With a diameter exceeding 152 mm.....	kg			
	45	Containing by weight 0.6 percent or more of carbon.....	kg			
		Other:				
	60	Containing by weight less than 0.25 percent of carbon.....	kg			
	75	Containing by weight 0.25 percent or more but less than 0.6 percent of carbon.....	kg			
	90	Containing by weight 0.6 percent or more of carbon.....	kg			

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV
72-20

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty		
				1		2
				General	Special	
7215		Other bars and rods of iron or nonalloy steel:				
7215.10.00		Of free-cutting steel, not further worked than cold-formed or cold-finished.....		Free ^{3/}		0.3¢/kg + 20%
	10	Containing by weight 0.1 percent or more of lead.....	kg			
	80	Other.....	kg			
7215.50.00		Other, not further worked than cold-formed or cold-finished.....		Free ^{3/}		0.3¢/kg + 20%
	16	Containing by weight less than 0.25 percent of carbon: With a diameter less than 76 mm.....	kg			
	18	With a diameter of 76 mm or more but not exceeding 228 mm.....	kg			
	20	With a diameter exceeding 228 mm.....	kg			
	61	Containing by weight 0.25 percent or more but less than 0.6 percent of carbon: With a diameter less than 76 mm.....	kg			
	63	With a diameter of 76 mm or more but not exceeding 228 mm.....	kg			
	65	With a diameter exceeding 228 mm.....	kg			
	90	Containing by weight 0.6 percent or more of carbon...	kg			
7215.90		Other:				
		Plated or coated with metal:				
7215.90.10	00	Not cold-formed.....	kg	Free ^{3/}		0.4¢/kg + 20%
7215.90.30	00	Cold-formed.....	kg	Free ^{4/}		0.3¢/kg + 20%
7215.90.50	00	Other.....	kg	Free ^{3/}		0.3¢/kg + 20%

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV
72-21

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty		
				1		2
				General	Special	
7216		Angles, shapes and sections of iron or nonalloy steel:				
7216.10.00		U, I or H sections, not further worked than hot-rolled, hot-drawn or extruded, of a height of less than 80 mm.....		Free ^{3/}		2%
	10	U sections.....	kg			
	50	Other.....	kg			
7216.21.00	00	L or T sections, not further worked than hot-rolled, hot-drawn or extruded, of a height of less than 80 mm:				
		L sections.....	kg.....	Free ^{3/}		2%
7216.22.00	00	T sections.....	kg.....	Free ^{3/}		2%
7216.31.00	00	U, I or H sections, not further worked than hot-rolled, hot-drawn or extruded, of a height of 80 mm or more:				
		U sections.....	kg.....	Free ^{3/}		2%
7216.32.00	00	I sections (standard beams).....	kg.....	Free ^{3/}		2%
7216.33.00		H sections.....		Free ^{3/}		2%
	30	Weighing not more than 11.3 kg per 30.5 cm, with a web depth measuring 102 mm to 356 mm.....	kg			
	60	Weighing more than 11.3 kg but not more than 27.2 kg per 30.5 cm, with a web depth measuring 203 mm to 457 mm.....	kg			
	90	Other.....	kg			
7216.40.00		L or T sections, not further worked than hot-rolled, hot-drawn or extruded, of a height of 80 mm or more.....		Free ^{3/}		2%
	10	L sections.....	kg			
	50	Other.....	kg			
7216.50.00	00	Other angles, shapes and sections, not further worked than hot-rolled, hot-drawn or extruded.....	kg.....	Free ^{3/}		2%
7216.61.00	00	Angles, shapes and sections, not further worked than cold-formed or cold-finished:				
		Obtained from flat-rolled products.....	kg.....	Free ^{1/}		20%
7216.69.00	00	Other.....	kg.....	Free ^{1/}		20%
7216.91.00		Other:				
		Cold-formed or cold-finished from flat-rolled products.....		Free ^{1/}		20%
	10	Drilled, notched, punched or cambered.....	kg			
	90	Other.....	kg			
7216.99.00		Other.....		Free ^{3/}		20%
	10	Drilled, notched, punched or cambered.....	kg			
	90	Other.....	kg			

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV
72-22

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty		
				1		2
				General	Special	
7217		Wire of iron or nonalloy steel:				
7217.10		Not plated or coated, whether or not polished:				
		Containing by weight less than 0.25 percent of carbon:				
		Flat wire:				
7217.10.10	00	Of a thickness not exceeding 0.25 mm.....	kg.....	Free ^{3/}		25%
7217.10.20	00	Of a thickness exceeding 0.25 mm but not exceeding 1.25 mm.....	kg.....	Free ^{3/}		25%
7217.10.30	00	Of a thickness exceeding 1.25 mm.....	kg.....	Free ^{3/}		25%
		Round wire:				
7217.10.40		With a diameter of less than 1.5 mm.....	.....	Free ^{3/}		25%
		Heat treated:				
	40	In coils weighing not more than 2 kilograms.....	kg			
	45	Other.....	kg			
	90	Other.....	kg			
7217.10.50		With a diameter of 1.5 mm or more.....	.....	Free ^{3/}		7%
	30	Heat treated.....	kg			
	90	Other.....	kg			
7217.10.60	00	Other wire.....	kg.....	Free ^{3/}		25%
		Other:				
7217.10.70	00	Flat wire.....	kg.....	Free ^{3/}		25%
7217.10.80		Round wire.....	.....	Free ^{3/}		25%
		Containing by weight 0.25 percent or more but less than 0.6 percent of carbon:				
	10	Heat treated.....	kg			
	20	Other.....	kg			
		Containing by weight 0.6 percent or more of carbon:				
		Heat treated:				
	25	With a diameter of less than 1.0 mm.....	kg			
	30	With a diameter of 1.0 mm or more but less than 1.5 mm.....	kg			
	45	With a diameter of 1.5 mm or more....	kg			
		Other:				
	60	With a diameter of less than 1.0 mm.....	kg			
	75	With a diameter of 1.0 mm or more but less than 1.5 mm.....	kg			
	90	With a diameter of 1.5 mm or more....	kg			
7217.10.90	00	Other wire.....	kg.....	Free ^{3/}		25%

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV
72-23

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty		
				1		2
				General	Special	
7217 (con.)		Wire of iron or nonalloy steel: (con.)				
7217.20		Plated or coated with zinc:				
7217.20.15	00	Flat wire.....	kg.....	Free ^{3/}		26%
		Round wire:				
7217.20.30	00	With a diameter of 1.5 mm or more and containing by weight less than 0.25 percent of carbon.....	kg.....	Free ^{3/}		7%
7217.20.45		Other.....		Free ^{3/}		25%
		With a diameter of less than 1.0 mm:				
	10	Containing by weight less than 0.25 percent of carbon.....	kg			
	20	Containing by weight 0.25 percent or more but less than 0.6 percent of carbon.....	kg			
	30	Containing by weight 0.6 percent or more of carbon.....	kg			
		With a diameter of 1.0 mm or more but less than 1.5 mm:				
	40	Containing by weight less than 0.25 percent of carbon.....	kg			
	50	Containing by weight 0.25 percent or more but less than 0.6 percent of carbon.....	kg			
	60	Containing by weight 0.6 percent or more of carbon.....	kg			
		With a diameter of 1.5 mm or more:				
	70	Containing by weight 0.25 percent or more but less than 0.6 percent of carbon.....	kg			
	80	Containing by weight 0.6 percent or more of carbon.....	kg			
		Other:				
7217.20.60	00	Containing by weight less than 0.25 percent of carbon.....	kg.....	Free ^{3/}		25%
7217.20.75	00	Other.....	kg.....	Free ^{3/}		26%

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV
72-24

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty		
				1		2
				General	Special	
7217 (con.)		Wire of iron or nonalloy steel: (con.)				
7217.30		Plated or coated with other base metals:				
7217.30.15		Flat wire.....		Free ^{3/}		26%
	30	Containing by weight 0.6 percent or more of carbon.....	kg			
	60	Other.....	kg			
7217.30.30	00	Round wire: With a diameter of 1.5 mm or more and containing by weight less than 0.25 percent of carbon.....	kg	Free ^{3/}		7%
7217.30.45		Other.....		Free ^{3/}		25%
	04	Containing by weight less than 0.20 percent of carbon, and suitable for electric arc welding.....	kg			
		Other:				
	11	With a diameter of less than 1.0 mm: Containing by weight less than 0.25 percent of carbon.....	kg			
	20	Containing by weight 0.25 percent or more but less than 0.6 percent or carbon.....	kg			
	30	Containing by weight 0.6 percent or more of carbon.....	kg			
		With a diameter of 1.0 mm or more but less than 1.5 mm:				
	41	Containing by weight less than 0.25 percent of carbon.....	kg			
	50	Containing by weight 0.25 percent or more but less than 0.6 percent of carbon.....	kg			
	60	Containing by weight 0.6 percent or more of carbon.....	kg			
	90	With a diameter of 1.5 mm or more.....	kg			
7217.30.60	00	Other: Containing by weight less than 0.25 percent of carbon.....	kg	Free ^{3/}		25%
7217.30.75	00	Other.....	kg	Free ^{3/}		26%
7217.90		Other:				
7217.90.10	00	Coated with plastics.....	kg	Free ^{3/}		2%
7217.90.50		Other.....		Free ^{3/}		35%
	30	Containing by weight less than 0.25 percent of carbon.....	kg			
	60	Containing by weight 0.25 percent or more but less than 0.6 percent of carbon.....	kg			
	90	Containing by weight 0.6 percent or more of carbon.....	kg			

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV
72-25

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty		
				1		2
				General	Special	
III. STAINLESS STEEL						
7218		Stainless steel in ingots or other primary forms; semi-finished products of stainless steel:				
7218.10.00	00	Ingots and other primary forms.....	kg.....	Free ^{3/}		29%
		Other:				
7218.91.00		Of rectangular (other than square) cross-section.....	.....	Free ^{3/}		29%
	15	Having a width less than four times the thickness: Having a cross-sectional area of less than 232 cm ²	kg			
	30	Having a cross-sectional area of 232 cm ² or more.....	kg			
	60	Having a width at least four times the thickness....	kg			
7218.99.00		Other.....	.....	Free ^{3/}		29%
	15	Of square cross section: Having a cross-sectional area of less than 232 cm ²	kg			
	30	Having a cross-sectional area of 232 cm ² or more.....	kg			
	45	Of circular cross section: Having a cross-sectional area of less than 232 cm ²	kg			
	60	Having a cross-sectional area of 232 cm ² or more.....	kg			
	90	Other.....	kg			
7219		Flat-rolled products of stainless steel, of a width of 600 mm or more:				
		Not further worked than hot-rolled, in coils:				
7219.11.00		Of a thickness exceeding 10 mm.....	.....	Free ^{3/}		29%
	30	Of a width not exceeding 1575 mm.....	kg			
	60	Of a width exceeding 1575 mm.....	kg			
7219.12.00		Of a thickness of 4.75 mm or more but not exceeding 10 mm.....	.....	Free ^{3/}		29%
	02	Not annealed or not pickled.....	kg			
		Other:				
	06	Of high-nickel alloy steel.....	kg			
		Other:				
		Of a width of 1370 mm or more:				
		Of a thickness exceeding 6.8 mm:				
	21	Of a width not exceeding 1575 mm.....	kg			
	26	Of a width exceeding 1575 mm....	kg			
		Other:				
	51	Of a width not exceeding 1575 mm.....	kg			
	56	Of a width exceeding 1575 mm....	kg			
		Other:				
		Containing more than 0.5 percent by weight of nickel:				
	66	Containing more than 1.5 percent but less than 5 percent by weight of molybdenum.....	kg			
	71	Other.....	kg			
	81	Other.....	kg			

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV
72-26

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty		
				1		2
				General	Special	
7219 (con.)		Flat-rolled products of stainless steel, of a width of 600 mm or more: (con.)				
7219.13.00		Not further worked than hot-rolled, in coils: (con.)				
		Of a thickness of 3 mm or more but less than 4.75 mm.....		Free ^{3/}		29%
	02	Not annealed or not pickled.....	kg			
		Other:				
	31	Of a width of 1370 mm or more.....	kg			
		Other:				
		Containing more than 0.5 percent but less than 24 percent by weight of nickel:				
	51	Containing more than 1.5 percent but less than 5 percent by weight of molybdenum.....	kg			
	71	Other.....	kg			
	81	Other.....	kg			
7219.14.00		Of a thickness of less than 3 mm.....		Free ^{3/}		29%
	30	Of a width of 1370 mm or more.....	kg			
		Other:				
	65	Of high-nickel alloy steel.....	kg			
	90	Other.....	kg			

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV
72-27

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty		
				1		2
				General	Special	
7219 (con.)		Flat-rolled products of stainless steel, of a width of 600 mm or more: (con.)				
7219.21.00		Not further worked than hot-rolled, not in coils:				
		Of a thickness exceeding 10 mm.....	kg	Free ^{3/}		29%
	05	Of high-nickel alloy steel.....	kg			
		Other:				
	20	Of a width not exceeding 1575 mm.....	kg			
	40	Of a width exceeding 1575 mm but not exceeding 1880 mm.....	kg			
	60	Of a width exceeding 1880 mm.....	kg			
7219.22.00		Of a thickness of 4.75 mm or more but not exceeding 10 mm.....	kg	Free ^{3/}		29%
	05	Of high-nickel alloy steel.....	kg			
		Other:				
		Containing more than 0.5 percent by weight of nickel:				
		Containing more than 1.5 percent but less than 5 percent by weight of molybdenum:				
	15	Of a width not exceeding 1575 mm....	kg			
	20	Of a width exceeding 1575 mm but not exceeding 1880 mm.....	kg			
	25	Of a width exceeding 1880 mm.....	kg			
		Other:				
	35	Of a width not exceeding 1575 mm....	kg			
	40	Of a width exceeding 1575 mm but not exceeding 1880 mm.....	kg			
	45	Of a width exceeding 1880 mm.....	kg			
		Other:				
	70	Of a width not exceeding 1575 mm.....	kg			
	75	Of a width exceeding 1575 mm but not exceeding 1880 mm.....	kg			
	80	Of a width exceeding 1880 mm.....	kg			
7219.23.00		Of a thickness of 3 mm or more but less than 4.75 mm.....	kg	Free ^{3/}		29%
	30	Of a width of 1370 mm or more.....	kg			
	60	Other.....	kg			
7219.24.00		Of a thickness of less than 3 mm.....	kg	Free ^{3/}		29%
	30	Of a width of 1370 mm or more.....	kg			
	60	Other.....	kg			

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV
72-28

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty		
				1		2
				General	Special	
7219 (con.)		Flat-rolled products of stainless steel, of a width of 600 mm or more: (con.)				
7219.31.00		Not further worked than cold-rolled (cold-reduced):				
		Of a thickness of 4.75 mm or more.....		Free ^{3/}		29%
	10	In coils.....	kg			
	50	Not in coils.....	kg			
7219.32.00		Of a thickness of 3 mm or more but less than 4.75 mm.....		Free ^{3/}		29%
		In coils:				
		Of a width of 1370 mm or more:				
	05	Of high-nickel alloy steel.....	kg			
		Other:				
	20	Containing more than 0.5 percent by weight of nickel.....	kg			
	25	Other.....	kg			
		Other:				
	35	Of high-nickel alloy steel.....	kg			
		Other:				
		Containing more than 0.5 percent by weight of nickel:				
	36	Containing more than 1.5 percent but less than 5 percent by weight of molybdenum.....	kg			
	38	Other.....	kg			
		Other:				
	42	Containing less than 15 percent by weight of chromium.....	kg			
	44	Other.....	kg			
		Not in coils:				
	45	Of a width of 1370 mm or more.....	kg			
	60	Other.....	kg			

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV
72-29

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty		
				1		2
				General	Special	
7219 (con.)		Flat-rolled products of stainless steel, of a width of 600 mm or more: (con.)				
7219.33.00		Not further worked than cold-rolled (cold-reduced): (con.)				
		Of a thickness exceeding 1 mm but less than 3 mm.....		Free ^{3/}		29%
		In coils:				
		Of a width of 1370 mm or more:				
	05	Of high-nickel alloy steel.....	kg			
		Other:				
	20	Containing more than 0.5 percent by weight of nickel.....	kg			
	25	Other.....	kg			
		Other:				
	35	Of high-nickel alloy steel.....	kg			
		Other:				
		Containing more than 0.5 percent by weight of nickel:				
	36	Containing more than 1.5 percent but less than 5 percent by weight of molybdenum.....	kg			
	38	Other.....	kg			
		Other:				
	42	Containing less than 15 percent by weight of chromium.....	kg			
	44	Other.....	kg			
		Not in coils:				
	45	Of a width of 1370 mm or more.....	kg			
		Other:				
	70	Containing more than 0.5 percent but less than 24 percent by weight of nickel.....	kg			
	80	Other.....	kg			
7219.34.00		Of a thickness of 0.5 mm or more but not exceeding 1 mm.....		Free ^{3/}		29%
		In coils:				
	05	Of high-nickel alloy steel.....	kg			
		Other:				
		Containing more than 0.5 percent by weight of nickel:				
	20	Containing more than 1.5 percent but less than 5 percent by weight of molybdenum.....	kg			
	25	Other.....	kg			
		Other:				
	30	Containing less than 15 percent by weight of chromium.....	kg			
	35	Other.....	kg			
	50	Not in coils.....	kg			

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV
72-30

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty		
				1		2
				General	Special	
7219 (con.)		Flat-rolled products of stainless steel, of a width of 600 mm or more: (con.)				
7219.35.00		Not further worked than cold-rolled (cold-reduced): (con.)				
		Of a thickness of less than 0.5 mm.....		Free ^{3/}		29%
		In coils:				
		Containing more than 0.5 percent but less than 24 percent by weight of nickel:				
	05	Containing more than 1.5 percent but less than 5 percent by weight of molybdenum.....	kg			
	15	Other.....	kg			
		Other:				
	30	Containing less than 15 percent by weight of chromium.....	kg			
	35	Other.....	kg			
	50	Not in coils.....	kg			
7219.90.00		Other.....		Free ^{3/}		29%
	10	Of high-nickel alloy steel.....	kg			
		Other:				
		Containing more than 0.5 percent by weight of nickel:				
	20	Containing more than 1.5 percent but less than 5 percent by weight of molybdenum.....	kg			
	25	Other.....	kg			
		Other:				
	60	Containing less than 15 percent by weight of chromium.....	kg			
	80	Other.....	kg			

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV
72-31

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty		
				1		2
				General	Special	
7220		Flat-rolled products of stainless steel, of a width of less than 600 mm:				
		Not further worked than hot-rolled:				
7220.11.00	00	Of a thickness of 4.75 mm or more.....	kg.....	Free ^{3/}		29%
7220.12		Of a thickness of less than 4.75 mm:				
7220.12.10	00	Of a width of 300 mm or more.....	kg.....	Free ^{3/}		29%
7220.12.50	00	Of a width of less than 300 mm.....	kg.....	Free ^{3/}		34%

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV
72-32

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty		
				1		2
				General	Special	
7220 (con.)		Flat-rolled products of stainless steel, of a width of less than 600 mm: (con.)				
7220.20		Not further worked than cold-rolled (cold-reduced):				
7220.20.10		Of a width of 300 mm or more.....		Free ^{3/}		29%
	10	Containing more than 0.5 percent but less than 24 percent by weight of nickel:				
		Containing more than 1.5 percent but less than 5 percent by weight of molybdenum.....	kg			
	15	Other.....	kg			
		Other:				
	60	Containing less than 15 percent by weight of chromium.....	kg			
	80	Other.....	kg			
7220.20.60		Of a width of less than 300 mm:				
		Of a thickness exceeding 1.25 mm.....		Free ^{3/}		34%
	05	Of high-nickel alloy steel.....	kg			
		Other:				
		Containing more than 0.5 percent by weight of nickel:				
	10	Containing more than 1.5 percent but less than 5 percent by weight of molybdenum.....	kg			
	15	Other.....	kg			
		Other:				
	60	Containing less than 15 percent by weight of chromium.....	kg			
	80	Other.....	kg			
7220.20.70		Of a thickness exceeding 0.25 mm but not exceeding 1.25 mm.....		Free ^{3/}		34%
	05	Of high-nickel alloy steel.....	kg			
		Other:				
		Containing more than 0.5 percent by weight of nickel:				
	10	Containing more than 1.5 percent but less than 5 percent by weight of molybdenum.....	kg			
	15	Other.....	kg			
		Other:				
	60	Containing less than 15 percent by weight of chromium.....	kg			
	80	Other.....	kg			
7220.20.80	00	Of a thickness not exceeding 0.25 mm: Razor blade steel.....	kg	Free ^{3/}		34%
7220.20.90		Other.....		Free ^{3/}		34%
	30	Containing more than 0.5 percent but less than 24 percent by weight of nickel.....	kg			
	60	Other.....	kg			

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV
72-33

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty		
				1		2
				General	Special	
7220 (con.)		Flat-rolled products of stainless steel, of a width of less than 600 mm: (con.)				
7220.90.00		Other.....		Free ^{3/}		46%
	10	Containing more than 0.5 percent but less than 24 percent by weight of nickel: Containing more than 1.5 percent but less than 5 percent by weight of molybdenum.....	kg			
	15	Other.....	kg			
	60	Other: Containing less than 15 percent by weight of chromium.....	kg			
	80	Other.....	kg			
7221.00.00		Bars and rods, hot-rolled, in irregularly wound coils, of stainless steel.....		Free ^{3/}		11%
	05	Of high-nickel alloy steel.....	kg			
		Other: Of circular cross section: With a diameter of less than 14 mm:				
	17	Containing less than 8 percent by weight of nickel.....	kg			
	18	Containing 8 percent or more but less than 24 percent by weight of nickel.....	kg			
	30	With a diameter of 14 mm or more but less than 19 mm.....	kg			
	45	With a diameter of 19 mm or more.....	kg			
	75	Other.....	kg			

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV
72-34

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty		
				1		2
				General	Special	
7222		Other bars and rods of stainless steel; angles, shapes and sections of stainless steel: Bars and rods, not further worked than hot-rolled, hot-drawn or extruded:				
7222.11.00		Of circular cross-section.....		Free ^{3/}		29%
	01	Electroslag or vacuum arc remelted.....	kg			
	06	Of high-nickel alloy steel.....	kg			
		Other:				
		With a maximum cross-sectional dimension of less than 152.4 mm:				
	57	Containing less than 8 percent by weight of nickel.....	kg			
	59	Containing 8 percent or more but less than 24 percent by weight of nickel.....	kg			
		With a maximum cross-sectional dimension of 152.4 mm or more:				
	82	Containing less than 8 percent by weight of nickel.....	kg			
	84	Containing 8 percent or more but less than 24 percent by weight of nickel.....	kg			
7222.19.00		Other.....		Free ^{3/}		29%
	01	Electroslag or vacuum arc remelted.....	kg			
		Other:				
	06	Of high-nickel alloy steel.....	kg			
		Other:				
	52	Containing less than 8 percent by weight of nickel.....	kg			
	54	Containing 8 percent or more but less than 24 percent by weight of nickel.....	kg			

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV
72-35

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty		
				1		2
				General	Special	
7222 (con.)		Other bars and rods of stainless steel; angles, shapes and sections of stainless steel: (con.)				
7222.20.00		Bars and rods, not further worked than cold-formed or cold-finished.....		Free ^{3/}		29%
	01	Electroslag or vacuum arc remelted.....	kg			
	06	Of high-nickel alloy steel.....	kg			
		Other:				
		Of a circular cross-section:				
		With a maximum circular cross-sectional dimension of less than 18 mm:				
	41	Containing less than 8 percent by weight of nickel.....	kg			
	43	Containing 8 percent or more but less than 24 percent by weight of nickel.....	kg			
		With a maximum circular cross-sectional dimension of 18 mm or more and less than 152.4 mm:				
	62	Containing less than 8 percent by weight of nickel.....	kg			
	64	Containing 8 percent or more but less than 24 percent by weight of nickel.....	kg			
		With a maximum circular cross-sectional dimension of 152.4 mm or more:				
	67	Containing less than 8 percent by weight of nickel.....	kg			
	69	Containing 8 percent or more but less than 24 percent by weight of nickel.....	kg			
		Other:				
	71	Containing less than 8 percent by weight of nickel.....	kg			
	73	Containing 8 percent or more but less than 24 percent by weight of nickel.....	kg			
7222.30.00		Other bars and rods.....		Free ^{3/}		29%
	01	Electroslag or vacuum arc remelted.....	kg			
	12	Of high-nickel alloy steel.....	kg			
		Other:				
		With a maximum cross-sectional dimension of less than 152.4 mm:				
	22	Containing less than 8 percent by weight of nickel.....	kg			
	24	Containing 8 percent or more but less than 24 percent by weight of nickel.....	kg			
		With a maximum cross-sectional dimension of 152.4 mm or more:				
	82	Containing less than 8 percent by weight of nickel.....	kg			
	84	Containing 8 percent or more but less than 24 percent by weight of nickel.....	kg			

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV
72-36

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty		
				1		2
				General	Special	
7222 (con.)		Other bars and rods of stainless steel; angles, shapes and sections of stainless steel: (con.)				
7222.40		Angles, shapes and sections:				
7222.40.30		Hot-rolled, not drilled, not punched and not otherwise advanced.....		Free ^{3/}		10%
	25	With a maximum cross-sectional dimension of 80 mm or more: Angles.....	kg			
	45	Other.....	kg			
		With a maximum cross-sectional dimension of less than 80 mm:				
	65	Angles.....	kg			
	85	Other.....	kg			
7222.40.60	00	Other.....	kg.....	Free ^{3/}		28%
7223.00		Wire of stainless steel:				
7223.00.10		Round wire.....		Free ^{3/}		34%
	05	Spring round wire.....	kg			
		Other:				
	16	With a diameter of less than 0.25 mm.....	kg			
	31	With a diameter of 0.25 mm or more but less than 0.76 mm.....	kg			
	46	With a diameter of 0.76 mm or more but less than 1.52 mm.....	kg			
	61	With a diameter of 1.52 mm or more but less than 5.1 mm.....	kg			
	76	With a diameter of 5.1 mm or more.....	kg			
7223.00.50	00	Flat wire.....	kg.....	Free ^{3/}		34%
7223.00.90	00	Other.....	kg.....	Free ^{3/}		34%

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV
72-37

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty		
				1		2
				General	Special	
7224		IV. OTHER ALLOY STEEL; HOLLOW DRILL BARS AND RODS, OF ALLOY OR NONALLOY STEEL				
		Other alloy steel in ingots or other primary forms; semi-finished products of other alloy steel:				
7224.10.00		Ingots and other primary forms.....		Free ^{3/}		28%
	05	Of high-nickel alloy steel.....	kg			
		Other:				
	45	Of tool steel.....	kg			
	75	Other.....	kg			
7224.90.00		Other.....		Free ^{3/}		28%
	05	Of high-nickel alloy steel.....	kg			
		Other:				
		Of tool steel:				
		Of rectangular (including square) cross section:				
	15	Having a width less than four times the thickness.....	kg			
	25	Having a width at least four times the thickness.....	kg			
	35	Other.....	kg			
		Other:				
		Of rectangular (including square) cross section:				
	45	Having a width less than four times the thickness.....	kg			
	55	Having a width at least four times the thickness.....	kg			
	65	Of circular cross section.....	kg			
	75	Other.....	kg			

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV
72-38

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty		
				1		2
				General	Special	
7225		Flat-rolled products of other alloy steel, of a width of 600 mm or more:				
		Of silicon electrical steel:				
7225.11.00	00	Grain-oriented.....	kg.....	Free ^{3/}		28%
7225.19.00	00	Other.....	kg.....	Free ^{3/}		28%
7225.30		Other, not further worked than hot-rolled, in coils:				
		Of a thickness of 4.75 mm or more:				
7225.30.11		Of tool steel.....		Free ^{3/}		29%
	10	Of high-speed steel.....	kg			
	80	Other.....	kg			
7225.30.30		Other.....		Free ^{3/}		28%
	05	Of high-nickel alloy steel.....	kg			
	50	Other.....	kg			
		Of a thickness of less than 4.75 mm:				
7225.30.51		Of tool steel.....		Free ^{3/}		29%
	10	Of high-speed steel.....	kg			
	80	Other.....	kg			
7225.30.70	00	Other.....	kg.....	Free ^{3/}		28%
7225.40		Other, not further worked than hot-rolled, not in coils:				
		Of a thickness of 4.75 mm or more:				
7225.40.11		Of tool steel.....		Free ^{3/}		29%
	10	Of high-speed steel.....	kg			
	80	Other.....	kg			
7225.40.30		Other.....		Free ^{3/}		28%
	05	Of high-nickel alloy steel.....	kg			
	50	Other.....	kg			
		Of a thickness of less than 4.75 mm:				
7225.40.51		Of tool steel.....		Free ^{3/}		29%
	10	Of high-speed steel.....	kg			
	30	Of ball-bearing steel.....	kg			
	60	Other.....	kg			
7225.40.70	00	Other.....	kg.....	Free ^{3/}		28%
7225.50		Other, not further worked than cold-rolled (cold-reduced):				
7225.50.11		Of tool steel.....		Free ^{3/}		29%
	10	Of high-speed steel.....	kg			
	30	Of ball-bearing steel.....	kg			
	60	Other.....	kg			
		Other:				
7225.50.60	00	Of a thickness of 4.75 mm or more.....	kg.....	Free ^{3/}		28%
		Of a thickness of less than 4.75 mm:				
7225.50.70	00	Heat-resisting steel.....	kg.....	Free ^{3/}		29%
7225.50.80		Other.....		Free ^{3/}		28%
	10	Of high-nickel alloy steel.....	kg			
	80	Other.....	kg			

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV
72-39

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty		
				1		2
				General	Special	
7225 (con.)		Flat-rolled products of other alloy steel, of a width of 600 mm or more: (con.)				
		Other:				
7225.91.00	00	Electrolytically plated or coated with zinc.....	kg.....	Free ^{3/}		28%
7225.92.00	00	Otherwise plated or coated with zinc.....	kg.....	Free ^{3/}		28%
7225.99.00		Other.....		Free ^{3/}		28%
	10	Of high-nickel alloy steel.....	kg			
	90	Other.....	kg			
7226		Flat-rolled products of other alloy steel, of a width of less than 600 mm:				
		Of silicon electrical steel:				
		Grain-oriented:				
7226.11		Of a width of 300 mm or more.....	kg.....	Free ^{3/}		28%
7226.11.10	00	Of a width of less than 300 mm.....		Free ^{3/}		33%
	30	Of thickness not exceeding 0.25 mm.....	kg			
	60	Other.....	kg			
7226.19		Other:				
7226.19.10	00	Of a width of 300 mm or more.....	kg.....	Free ^{3/}		28%
7226.19.90	00	Of a width of less than 300 mm.....	kg.....	Free ^{3/}		33%
7226.20.00	00	Of high-speed steel.....	kg.....	Free ^{3/}		37%

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV
72-40

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty		
				1		2
				General	Special	
7226 (con.)		Flat-rolled products of other alloy steel, of a width of less than 600 mm: (con.)				
7226.91		Other:				
		Not further worked than hot-rolled:				
		Of tool steel (other than high-speed steel):				
7226.91.05	00	Of chipper knife steel.....	kg.....	Free ^{3/}		34%
		Other:				
7226.91.15		Of a width of 300 mm or more.....	.....	Free ^{3/}		29%
	30	Of ball-bearing steel.....	kg			
	60	Other.....	kg			
7226.91.25		Of a width of less than 300 mm.....	.....	Free ^{3/}		34%
	30	Of ball-bearing steel.....	kg			
	60	Other.....	kg			
		Other:				
7226.91.50	00	Of a thickness of 4.75 mm or more.....	kg.....	Free ^{3/}		28%
		Of a thickness of less than 4.75 mm:				
7226.91.70	00	Of a width of 300 mm or more.....	kg.....	Free ^{3/}		28%
7226.91.80	00	Of a width of less than 300 mm.....	kg.....	Free ^{3/}		33%
7226.92		Not further worked than cold-rolled (cold-reduced):				
		Of tool steel (other than high-speed steel):				
7226.92.10		Of a width of 300 mm or more.....	.....	Free ^{3/}		0.4¢/kg + 29%
	30	Of ball-bearing steel.....	kg			
	60	Other.....	kg			
7226.92.30		Of a width of less than 300 mm.....	.....	Free ^{3/}		34%
	30	Of ball-bearing steel.....	kg			
	60	Other.....	kg			
		Other:				
7226.92.50	00	Of a width of 300 mm or more.....	kg.....	Free ^{3/}		0.4¢/kg + 28%
		Of a width of less than 300 mm:				
7226.92.70		Of a thickness not exceeding 0.25 mm.....	.....	Free ^{3/}		33%
	05	Of high-nickel alloy steel.....	kg			
	50	Other.....	kg			
7226.92.80		Of a thickness exceeding 0.25 mm.....	.....	Free ^{3/}		33%
	05	Of high-nickel alloy steel.....	kg			
	50	Other.....	kg			
7226.99.01		Other.....	.....	Free ^{3/}		33%
	10	Electrolytically plated or coated with zinc.....	kg			
	30	Otherwise plated or coated with zinc.....	kg			
	80	Other.....	kg			

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV
72-41

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty		
				1		2
				General	Special	
7227		Bars and rods, hot-rolled, in irregularly wound coils, of other alloy steel:				
7227.10.00	00	Of high-speed steel.....	kg.....	Free ^{3/}		14%
7227.20.00		Of silico-manganese steel.....	.....	Free ^{3/}		10%
	30	Of welding quality wire rods as defined in statistical note 6 to this chapter.....	kg			
	80	Other.....	kg			
7227.90		Other:				
		Of tool steel (other than high-speed steel):				
7227.90.10		Not tempered, not treated, and not partly manufactured.....	.....	Free ^{3/}		12%
	30	Of ball-bearing steel.....	kg			
	60	Other.....	kg			
7227.90.20		Other.....	.....	Free ^{3/}		11%
	30	Of ball-bearing steel.....	kg			
	60	Other.....	kg			
7227.90.60		Other.....	.....	Free ^{3/}		10%
	05	Of high-nickel alloy steel.....	kg			
	10	Of Cold Heading Quality (CHQ) steel, as defined in statistical note 5 to this chapter.....	kg			
	20	Of welding quality wire rods as defined in statistical note 6 to this chapter.....	kg			
		Of a circular cross section:				
	30	With a diameter of less than 14 mm.....	kg			
	35	With a diameter of 14 mm or more but less than 19 mm.....	kg			
	40	With a diameter of 19 mm or more.....	kg			
	90	Other.....	kg			

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV
72-42

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty		
				1		2
				General	Special	
7228		Other bars and rods of other alloy steel; angles, shapes and sections, of other alloy steel; hollow drill bars and rods, of alloy or nonalloy steel:				
7228.10.00		Bars and rods, of high-speed steel.....	kg	Free ^{3/}		32%
	10	Not cold-formed.....	kg			
		Cold-formed:				
	30	With a maximum cross-sectional dimension of less than 18 mm.....	kg			
	60	With a maximum cross-sectional dimension of 18 mm or more.....	kg			
7228.20		Bars and rods, of silico-manganese steel:				
7228.20.10	00	Not cold-formed.....	kg	Free ^{3/}		28%
7228.20.50	00	Cold-formed.....	kg	Free ^{3/}		28%
		Other bars and rods, not further worked than hot-rolled, hot-drawn or extruded:				
		Of tool steel (other than high-speed steel):				
7228.30		Of ball-bearing steel.....	kg	Free ^{3/}		29%
7228.30.20	00		kg	Free ^{3/}		28%
7228.30.40	00	Of chipper knife steel, not cold-formed.....	kg	Free ^{3/}		28%
7228.30.60	00	Other.....	kg	Free ^{3/}		29%
7228.30.80		Other.....	kg	Free ^{3/}		28%
	05	Of high-nickel alloy steel.....	kg			
	10	Concrete reinforcing bars and rods.....	kg			
		Other:				
	15	With a diameter of less than 76 mm.....	kg			
	41	With a diameter of 76 mm or more but not exceeding 152 mm.....	kg			
	45	With a diameter of 152 mm or more but not exceeding 228 mm.....	kg			
	70	With a diameter exceeding 228 mm.....	kg			
7228.40.00	00	Other bars and rods, not further worked than forged.....	kg	Free ^{3/}		28%

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV
72-43

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty		
				1		2
				General	Special	
7228 (con.)		Other bars and rods of other alloy steel; angles, shapes and sections, of other alloy steel; hollow drill bars and rods, of alloy or nonalloy steel: (con.)				
7228.50		Other bars and rods, not further worked than cold-formed or cold-finished:				
7228.50.10		Of tool steel (other than high-speed steel).....	kg	Free ^{3/}		29%
	10	Of ball-bearing steel.....	kg			
		Other:				
		With a maximum cross-sectional dimension of less than 18 mm:				
	20	Of round or rectangular cross section with surfaces ground, milled or polished.....	kg			
	40	Other.....	kg			
		With a maximum cross-sectional dimension of 18 mm or more:				
	60	Of round or rectangular cross section with surfaces ground, milled or polished.....	kg			
	80	Other.....	kg			
7228.50.50		Other.....	kg	Free ^{3/}		28%
	05	Of high-nickel alloy steel.....	kg			
		Other:				
	15	With a diameter of less than 76 mm.....	kg			
	40	With a diameter of 76 mm or more but not exceeding 228 mm.....	kg			
	70	With a diameter exceeding 228 mm.....	kg			
7228.60		Other bars and rods:				
7228.60.10		Of tool steel (other than high-speed steel).....	kg	Free ^{3/}		29%
	30	Of ball-bearing steel.....	kg			
	60	Other.....	kg			
		Other:				
7228.60.60	00	Not cold-formed.....	kg	Free ^{3/}		28%
7228.60.80	00	Cold-formed.....	kg	Free ^{3/}		28%
7228.70		Angles, shapes and sections:				
7228.70.30		Hot-rolled, not drilled, not punched and not otherwise advanced.....	kg	Free ^{3/}		10%
	10	U, I, H and T sections.....	kg			
		Other:				
		With a maximum cross-sectional dimension of 76 mm or more:				
	20	Angles.....	kg			
	41	Other.....	kg			
		With a maximum cross-sectional dimension of less than 76 mm:				
	60	Angles.....	kg			
	81	Other.....	kg			
7228.70.60	00	Other.....	kg	Free ^{3/}		28%
7228.80.00	00	Hollow drill bars and rods.....	kg	Free ^{3/}		30%

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV
72-44

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty		
				1		2
				General	Special	
7229		Wire of other alloy steel:				
7229.20.00		Of silico-manganese steel.....		Free ^{3/}		33%
		Round, with a diameter of less than or equal to 1.6 mm, containing by weight less than 0.20 percent of carbon, more than 0.9 percent of manganese, and more than 0.6 percent of silicon, and suitable for electric arc welding:				
	10	Plated or coated with copper.....	kg			
	15	Other.....	kg			
	90	Other.....	kg			
7229.90		Other:				
7229.90.05	00	Of high-speed steel.....	kg.....	Free ^{3/}		37%
		Other:				
7229.90.10	00	Flat wire.....	kg.....	Free ^{3/}		33%
7229.90.50		Round wire.....		Free ^{3/}		33%
		With a diameter of less than or equal to 1.6 mm, containing by weight less than 0.20 percent of carbon and more than 0.3 percent of nickel or more than 0.08 percent of molybdenum, and suitable for electric arc welding:				
	06	Plated or coated with copper.....	kg			
	08	Other.....	kg			
		Other:				
	16	With a diameter of less than 1.0 mm.....	kg			
	31	With a diameter of 1.0 mm or more but less than 1.5 mm.....	kg			
	51	With a diameter of 1.5 mm or more.....	kg			
7229.90.90	00	Other wire.....	kg.....	Free ^{3/}		33%

Harmonized Tariff Schedule of the United States (2019) Revision 20

Annotated for Statistical Reporting Purposes

XV
Endnotes--page 72 - 45

1/ See 9903.88.03.

2/ See 9902.14.93.

3/ See 9903.88.15. Also see note 16 to subchapter III, chapter 99 and related tariff provisions for this duty treatment.

4/ See 9903.88.16. Also see note 16 to subchapter III, chapter 99 and related tariff provisions for this duty treatment.