

## Section XV

## BASE METALS AND ARTICLES OF BASE METAL

**Notes.**

1. This Section does not cover:
  - (a) Prepared paints, inks or other products with a basis of metallic flakes or powder (headings 32.07 to 32.10, 32.12, 32.13 or 32.15);
  - (b) Ferro-cerium or other pyrophoric alloys (heading 36.06);
  - (c) Headgear or parts thereof of heading 65.06 or 65.07;
  - (d) Umbrella frames or other articles of heading 66.03;
  - (e) Goods of Chapter 71 (for example, precious metal alloys, base metal clad with precious metal, imitation jewellery);
  - (f) Articles of Section XVI (machinery, mechanical appliances and electrical goods);
  - (g) Assembled railway or tramway track (heading 86.08) or other articles of Section XVII (vehicles, ships and boats, aircraft);
  - (h) Instruments or apparatus of Section XVIII, including clock or watch springs;
  - (ij) Lead shot prepared for ammunition (heading 93.06) 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 requisites);
  - (m) Hand sieves, buttons, pens, pencil-holders, pen nibs or other articles of Chapter 96 (miscellaneous manufactured articles); or
  - (n) Articles of Chapter 97 (for example, works of art).
2. Throughout the Nomenclature, the expression "parts of general use" means:
  - (a) Articles of heading 73.07, 73.12, 73.15, 73.17 or 73.18 and similar articles of other base metal;
  - (b) Springs and leaves for springs, of base metal, other than clock or watch springs (heading 91.14); and
  - (c) Articles of headings 83.01, 83.02, 83.08, 83.10 and frames and mirrors, of base metal, of heading 83.06.

In Chapters 73 to 76 and 78 to 82 (but not in heading 73.15) 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 Nomenclature, 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 Nomenclature, 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 ferro-alloys 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;
- (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 Nomenclature 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 Interpretative Rules) 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 81.13 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% or more by weight passes through a sieve having a mesh aperture of 1 mm.

**Supplementary Note.**

- 1. Unless the context otherwise requires, the expression "diameter", when applied to tubes and pipes, refers to the actual internal diameter.

## Chapter 75

## NICKEL AND ARTICLES THEREOF

**Note.**

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

**(a) Bars and rods**

Rolled, extruded, drawn or forged products, not in coils, which have a uniform solid cross-section along their whole length in the shape of circles, ovals, rectangles (including squares), equilateral triangles or regular 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). Products with a rectangular (including square), triangular or polygonal cross-section may have corners rounded along their whole length. The thickness of such products which have a rectangular (including "modified rectangular") cross-section exceeds one-tenth of the width. The expression also covers cast or sintered products, of the same forms and dimensions, which have been subsequently worked after production (otherwise than by simple trimming or de-scaling), provided that they have not thereby assumed the character of articles or products of other headings.

**(b) Profiles**

Rolled, extruded, drawn, forged or formed products, coiled or not, of a uniform cross-section along their whole length, which do not conform to any of the definitions of bars, rods, wire, plates, sheets, strip, foil, tubes or pipes. The expression also covers cast or sintered products, of the same forms, which have been subsequently worked after production (otherwise than by simple trimming or de-scaling), provided that they have not thereby assumed the character of articles or products of other headings.

**(c) Wire**

Rolled, extruded or drawn products, in coils, which have a uniform solid cross-section along their whole length in the shape of circles, ovals, rectangles (including squares), equilateral triangles or regular 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). Products with a rectangular (including square), triangular or polygonal cross-section may have corners rounded along their whole length. The thickness of such products which have a rectangular (including "modified rectangular") cross-section exceeds one-tenth of the width.

**(d) Plates, sheets, strip and foil**

Flat-surfaced products (other than the unwrought products of heading 75.02), coiled or not, of solid rectangular (other than square) cross-section with or without rounded corners (including "modified rectangles" of which two opposite sides are convex arcs, the other two sides being straight, of equal length and parallel) of a uniform thickness, which are:

- of rectangular (including square) shape with a thickness not exceeding one-tenth of the width,
- of a shape other than rectangular or square, of any size, provided that they do not assume the character of articles or products of other headings.

Heading 75.06 applies, *inter alia*, to plates, sheets, strip and foil with patterns (for example, grooves, ribs, chequers, tears, buttons, lozenges) and to such products which have been perforated, corrugated, polished or coated, provided that they do not thereby assume the character of articles or products of other headings.

**(e) Tubes and pipes**

Hollow products, coiled or not, which have a uniform cross-section with only one enclosed void along their whole length in the shape of circles, ovals, rectangles (including squares), equilateral triangles or regular convex polygons, and which have a uniform wall thickness. Products with a rectangular (including square), equilateral triangular, or regular convex polygonal cross-section, which may have corners rounded along their whole length, are also to be considered as tubes and pipes provided the inner and outer cross-sections are concentric and have the same form and orientation. Tubes and pipes of the foregoing cross-sections may be polished, coated, bent, threaded, drilled, waisted, expanded, cone-shaped or fitted with flanges, collars or rings.

**Subheading Notes.**

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

(a) **Nickel, not alloyed**

Metal containing by weight at least 99% of nickel plus cobalt, provided that:

- (i) the cobalt content by weight does not exceed 1.5%, and
- (ii) the content by weight of any other element does not exceed the limit specified in the following table:

TABLE - Other elements

Element	Limiting content % by weight
Fe      Iron	0.5
O        Oxygen	0.4
Other elements, each	0.3

(b) **Nickel alloys**

Metallic substances in which nickel predominates by weight over each of the other elements provided that:

- (i) the content by weight of cobalt exceeds 1.5%,
- (ii) the content by weight of at least one of the other elements is greater than the limit specified in the foregoing table; or
- (iii) the total content by weight of elements other than nickel plus cobalt exceeds 1%.

2. Notwithstanding the provisions of Chapter Note 1 (c), for the purposes of subheading 7508.10 the term "wire" applies only to products, whether or not in coils, of any cross-sectional shape, of which no cross-sectional dimension exceeds 6 mm.

**Supplementary Note.**

1. In this Chapter the expression "unworked", when referring to foil, means products which have not been processed beyond the condition as from the rolling mill (for example, not machined, cut to shape, perforated or coated).

**Statistical Note.** (NB This note does not form part of the Customs Tariff legislation.)

1. For the purpose of subheading 7501.10, the unit of measure (kilogram) refers to the nickel content of the matte and shall be the assay quantity without deductions.

## CUSTOMS TARIFF - SCHEDULE

Tariff Item	SS	Description of Goods	Unit of Meas.	MFN Tariff	Applicable Preferential Tariffs
<b>75.01</b>		<b>Nickel mattes, nickel oxide sinters and other intermediate products of nickel metallurgy.</b>			
<b>7501.10.00</b>	00	<b>-Nickel mattes</b>	KGM	Free	UST, CCCT, LDCT, GPT, MT, MUST, CIAT, CT, CRT: Free
<b>7501.20.00</b>	00	<b>-Nickel oxide sinters and other intermediate products of nickel metallurgy</b>	KGM	Free	UST, CCCT, LDCT, GPT, MT, MUST, CIAT, CT, CRT: Free
<b>75.02</b>		<b>Unwrought nickel.</b>			
<b>7502.10.00</b>		<b>-Nickel, not alloyed</b>		Free	UST, CCCT, LDCT, GPT, MT, MUST, CIAT, CT, CRT: Free
	10	---- <i>-Anodes for electrolytic refining.....</i>	KGM		
	20	---- <i>-Cathodes.....</i>	KGM		
	90	---- <i>-Other.....</i>	KGM		
<b>7502.20.00</b>		<b>-Nickel alloys</b>		Free	UST, CCCT, LDCT, GPT, MT, MUST, CIAT, CT, CRT: Free
	10	---- <i>-Ingots.....</i>	KGM		
		---- <i>-Other:</i>			
	91	----- <i>-Nickel-copper alloys.....</i>	KGM		
	99	----- <i>-Other.....</i>	KGM		
<b>7503.00.00</b>	00	<b>Nickel waste and scrap.</b>	KGM	Free	UST, CCCT, LDCT, GPT, MT, MUST, CIAT, CT, CRT: Free
<b>7504.00.00</b>		<b>Nickel powders and flakes.</b>		Free	UST, CCCT, LDCT, GPT, MT, MUST, CIAT, CT, CRT: Free
		---- <i>-Powders, containing by weight 60% or more of nickel:</i>			
	11	----- <i>-Not alloyed.....</i>	KGM		
	12	----- <i>-Alloyed.....</i>	KGM		
		---- <i>-Powders, containing by weight less than 60% of nickel; flakes:</i>			
	21	----- <i>-Powders.....</i>	KGM		
	22	----- <i>-Flakes.....</i>	KGM		
<b>75.05</b>		<b>Nickel bars, rods, profiles and wire.</b>			
		<b>-Bars, rods and profiles:</b>			
<b>7505.11.00</b>		<b>--Of nickel, not alloyed</b>		Free	UST, CCCT, LDCT, GPT, MT, MUST, CIAT, CT, CRT: Free
		---- <i>-Unworked:</i>			
	11	----- <i>-Bars and rods, of a maximum cross-sectional dimension not exceeding 12.7 mm.....</i>	KGM		

## CUSTOMS TARIFF - SCHEDULE

Tariff Item	SS	Description of Goods	Unit of Meas.	MFN Tariff	Applicable Preferential Tariffs
	12	-----Bars and rods, of a maximum cross-sectional dimension exceeding 12.7 mm .....	KGM		
	13	-----Profiles .....	KGM		
	20	-----Worked .....	KGM		
<b>7505.12.00</b>		<b>--Of nickel alloys</b>		Free	UST, CCCT, LDCT, GPT, MT, MUST, CIAT, CT, CRT: Free
		-----Bars and rods, unworked, containing by weight 60% or more of nickel, of a maximum cross-sectional dimension not exceeding 12.7 mm:			
	11	-----Nickel-chromium alloys .....	KGM		
	12	-----Nickel-copper alloys .....	KGM		
	13	-----Nickel-chromium-iron alloys .....	KGM		
	19	-----Other .....	KGM		
		-----Bars and rods, unworked, containing by weight 60% or more of nickel, of a maximum cross-sectional dimension exceeding 12.7 mm:			
	21	-----Nickel-chromium alloys .....	KGM		
	22	-----Nickel-copper alloys .....	KGM		
	23	-----Nickel-chromium-iron alloys .....	KGM		
	29	-----Other .....	KGM		
		-----Profiles, unworked:			
	31	-----Nickel-chromium alloys .....	KGM		
	32	-----Nickel-copper alloys .....	KGM		
	39	-----Other .....	KGM		
	40	-----Bars and rods, containing more than 50 but less than 60% by weight of nickel and more than 10% by weight of chromium, of a maximum cross-sectional dimension not exceeding 19 mm, for use in the manufacture of electric resistance wire, strip or ribbon .....	KGM		
		-----Other bars and rods containing less than 60% by weight of nickel, unworked, of a maximum cross-sectional dimension not exceeding 12.7 mm:			
	51	-----Nickel-chromium alloys .....	KGM		
	52	-----Nickel-copper alloys .....	KGM		
	53	-----Nickel-chromium-iron alloys .....	KGM		
	59	-----Other .....	KGM		
		-----Other bars, rods and profiles:			
	61	-----Nickel-chromium alloys .....	KGM		
	62	-----Nickel-copper alloys .....	KGM		
	63	-----Nickel-chromium-iron alloys .....	KGM		
	69	-----Other .....	KGM		
		<b>-Wire:</b>			
<b>7505.21.00</b>		<b>--Of nickel, not alloyed</b>		Free	UST, CCCT, LDCT, GPT, MT, MUST, CIAT, CT, CRT: Free
		-----Of a maximum cross-sectional dimension not exceeding 12.7 mm:			
	11	-----Not coated or covered .....	KGM		
	12	-----Coated or covered .....	KGM		
		-----Of a maximum cross-sectional dimension exceeding 12.7 mm:			
	21	-----Not coated or covered .....	KGM		
	22	-----Coated or covered .....	KGM		

## CUSTOMS TARIFF - SCHEDULE

Tariff Item	SS	Description of Goods	Unit of Meas.	MFN Tariff	Applicable Preferential Tariffs
7505.22.00		- -Of nickel alloys		Free	UST, CCCT, LDCT, GPT, MT, MUST, CIAT, CT, CRT: Free
		---- -Containing 60% or more by weight of nickel, of a maximum cross-sectional dimension not exceeding 12.7 mm:			
11		---- -Wire rod, whether or not coated or covered.....	KGM		
18		---- -Other, not coated or covered .....	KGM		
19		---- -Other, coated or covered .....	KGM		
		---- -Containing 60% or more by weight of nickel, of a maximum cross-sectional dimension exceeding 12.7 mm:			
21		---- -Wire rod, whether or not coated or covered; other, not coated or covered .....	KGM		
29		---- -Other, coated or covered .....	KGM		
		---- -Containing less than 60% by weight of nickel:			
31		---- -Of a maximum cross-sectional dimension not exceeding 12.7 mm, not coated or covered .....	KGM		
39		---- -Other.....	KGM		
<b>75.06</b>		<b>Nickel plates, sheets, strip and foil.</b>			
<b>7506.10</b>		<b>-Of nickel, not alloyed</b>			
7506.10.10 00		-- -Worked foil of a thickness not exceeding 0.15 mm	KGM	Free	UST, CCCT, LDCT, GPT, MT, MUST, CIAT, CT, CRT: Free
7506.10.90		-- -Other		Free	UST, CCCT, LDCT, GPT, MT, MUST, CIAT, CT, CRT: Free
10		---- -Unworked.....	KGM		
		---- -Worked:			
21		---- -Plates, sheets or strip .....	KGM		
29		---- -Other.....	KGM		
<b>7506.20</b>		<b>-Of nickel alloys</b>			
7506.20.10		-- -The following foil of a thickness not exceeding 0.15 mm: Unworked, containing by weight less than 60% of nickel; Worked		Free	UST, CCCT, LDCT, GPT, MT, MUST, CIAT, CT, CRT: Free
10		---- -Nickel-chromium alloys .....	KGM		
20		---- -Nickel-copper alloys .....	KGM		
30		---- -Nickel-chromium-iron alloys.....	KGM		
90		---- -Other .....	KGM		
7506.20.90		-- -Other		Free	UST, CCCT, LDCT, GPT, MT, MUST, CIAT, CT, CRT: Free
		---- -Unworked, containing by weight 60% or more of nickel:			
11		---- -Nickel-chromium alloys.....	KGM		
12		---- -Nickel-copper alloys.....	KGM		
13		---- -Nickel-chromium-iron alloys.....	KGM		
19		---- -Other .....	KGM		
		---- -Other plates, sheets or strip:			
21		---- -Nickel-chromium alloys.....	KGM		
22		---- -Nickel-copper alloys.....	KGM		
23		---- -Nickel-chromium-iron alloys.....	KGM		

## CUSTOMS TARIFF - SCHEDULE

Tariff Item	SS	Description of Goods	Unit of Meas.	MFN Tariff	Applicable Preferential Tariffs
	29	-----Other .....	KGM		
		-----Other:			
	91	-----Nickel-chromium alloys .....	KGM		
	92	-----Nickel-copper alloys .....	KGM		
	93	-----Nickel-chromium-iron alloys .....	KGM		
	99	-----Other .....	KGM		
<b>75.07</b>		<b>Nickel tubes, pipes and tube or pipe fittings (for example, couplings, elbows, sleeves).</b>			
		<b>-Tubes and pipes:</b>			
<b>7507.11.00</b>		<b>--Of nickel, not alloyed</b>		Free	UST, CCCT, LDCT, GPT, MT, MUST, CIAT, CT, CRT: Free
	10	-----Seamless, unworked .....	KGM		
	90	-----Other .....	KGM		
<b>7507.12.00</b>		<b>--Of nickel alloys</b>		Free	UST, CCCT, LDCT, GPT, MT, MUST, CIAT, CT, CRT: Free
		-----Seamless, unworked, containing by weight 60% or more of nickel:			
	11	-----Nickel-chromium alloys .....	KGM		
	12	-----Nickel-copper alloys .....	KGM		
	13	-----Nickel-chromium-iron alloys .....	KGM		
	19	-----Other .....	KGM		
		-----Welded:			
	21	-----Nickel-chromium alloys .....	KGM		
	22	-----Nickel-copper alloys .....	KGM		
	23	-----Nickel-chromium-iron alloys .....	KGM		
	29	-----Other .....	KGM		
		-----Other seamless:			
	31	-----Nickel-chromium alloys .....	KGM		
	32	-----Nickel-copper alloys .....	KGM		
	33	-----Nickel-chromium-iron alloys .....	KGM		
	39	-----Other .....	KGM		
	90	-----Other .....	KGM		
<b>7507.20.00</b>	00	<b>-Tube or pipe fittings</b>	KGM	Free	UST, CCCT, LDCT, GPT, MT, MUST, CIAT, CT, CRT: Free
<b>75.08</b>		<b>Other articles of nickel.</b>			
<b>7508.10.00</b>	00	<b>-Cloth, grill and netting, of nickel wire</b>	KGM	Free	UST, CCCT, LDCT, GPT, MT, MUST, CIAT, CT, CRT: Free
<b>7508.90</b>		<b>-Other</b>			
7508.90.10	00	-- -Anodes for electroplating	KGM	Free	UST, CCCT, LDCT, GPT, MT, MUST, CIAT, CT, CRT: Free



CUSTOMS TARIFF - SCHEDULE

Tariff Item	SS	Description of Goods	Unit of Meas.	MFN Tariff	Applicable Preferential Tariffs
7508.90.90	--	-Other		3%	UST, CCCT, LDCT, GPT, MT, MUST, CIAT, CT, CRT: Free
	10	----Bolts, nuts, washers and screws.....	KGM		
	20	----Castings ..... ----Plated or coated with silver, provided that the silver content is less than 2%:	KGM		
	31	-----Tableware.....	KGM		
	39	-----Other.....	KGM		
	90	-----Other.....	KGM		