

# Harmonized Tariff Schedule of the United States (2004)

Annotated for Statistical Reporting Purposes

## CHAPTER 75

### NICKEL AND ARTICLES THEREOF

XV  
75-1

#### 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 descaling), 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 descaling), 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 7502), 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 of products of other headings.

Heading 7506 applies, *inter alia*, to plates, sheets, strip and foil with patterns (for example, grooves, ribs, checkers, 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 of 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 taken to be 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.

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## 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 percent of nickel plus cobalt, provided that:

- (i) The cobalt content by weight does not exceed 1.5 percent, 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 percent 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 percent,
- (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 percent.

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.

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Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty		
				1		2
				General	Special	
7501		Nickel mattes, nickel oxide sinters and other intermediate products of nickel metallurgy:				
7501.10.00	00	Nickel mattes . . . . .	kg . . . . . Ni kg	Free		Free
7501.20.00	00	Nickel oxide sinters and other intermediate products of nickel metallurgy . . . . .	kg . . . . . Ni kg	Free		Free
7502		Unwrought nickel:				
7502.10.00	00	Nickel, not alloyed . . . . .	kg . . . . .	Free		6.6¢/kg
7502.20.00	00	Nickel alloys . . . . .	kg . . . . .	Free		6.6¢/kg
7503.00.00	00	Nickel waste and scrap . . . . .	kg . . . . .	Free		6.6¢/kg
7504.00.00		Nickel powders and flakes . . . . .		Free		6.6¢/kg
	10	Powders . . . . .	kg			
	50	Flakes . . . . .	kg			
7505		Nickel bars, rods, profiles and wire:				
		Bars, rods and profiles:				
7505.11		Of nickel, not alloyed:				
		Bars and rods:				
7505.11.10	00	Cold-formed . . . . .	kg . . . . .	3%	Free (A,CA,CL,E, IL,J,JO,MX,SG)	35%
7505.11.30	00	Not cold-formed . . . . .	kg . . . . .	2.6%	Free (A,CA,CL,E, IL,J,JO,MX,SG)	25%
7505.11.50	00	Profiles . . . . .	kg . . . . .	3%	Free (A,CA,CL,E, IL,J,JO,MX,SG)	45%
7505.12		Of nickel alloys:				
		Bars and rods:				
7505.12.10	00	Cold-formed . . . . .	kg . . . . .	3%	Free (A,CA,CL,E, IL,J,JO,MX,SG)	35%
7505.12.30	00	Not cold-formed . . . . .	kg . . . . .	2.5%	Free (A,CA,CL,E, IL,J,JO,MX,SG)	25%
7505.12.50	00	Profiles . . . . .	kg . . . . .	3%	Free (A,CA,CL,E, IL,J,JO,MX,SG)	45%
		Wire:				
7505.21		Of nickel, not alloyed:				
7505.21.10	00	Cold-formed . . . . .	kg . . . . .	3%	Free (A,CA,CL,E, IL,J,JO,MX,SG)	35%
7505.21.50	00	Not cold-formed . . . . .	kg . . . . .	2.6%	Free (A,CA,CL,E, IL,J,JO,MX,SG)	25%
7505.22		Of nickel alloys:				
7505.22.10	00	Cold-formed . . . . .	kg . . . . .	3%	Free (A,CA,CL,E, IL,J,JO,MX,SG)	35%
7505.22.50	00	Not cold-formed . . . . .	kg . . . . .	2.6%	Free (A,CA,CL,E, IL,J,JO,MX,SG)	25%

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Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty		
				1		2
				General	Special	
7506		Nickel plates, sheets, strip and foil:				
7506.10		Of nickel, not alloyed:				
		Plates, sheets and strip:				
7506.10.10	00	Cold-formed . . . . .	kg . . . . .	3%	Free (A,CA,CL,E, IL,J,JO,MX,SG)	35%
7506.10.30	00	Not cold-formed . . . . .	kg . . . . .	2.5%	Free (A,CA,CL,E, IL,J,JO,MX,SG)	25%
		Foil:				
7506.10.45	00	Not exceeding 0.15 mm in thickness . . . . .	kg . . . . .	2.5%	Free (A,CA,CL,E, IL,J,JO,MX,SG)	45%
7506.10.60	00	Other . . . . .	kg . . . . .	2.5%	Free (A,CA,CL,E, IL,J,JO,MX,SG)	45%
7506.20		Of nickel alloys:				
		Plates, sheets and strip:				
7506.20.10	00	Cold-formed . . . . .	kg . . . . .	3%	Free (A,CA,CL,E, IL,J,JO,MX,SG)	35%
7506.20.30	00	Not cold-formed . . . . .	kg . . . . .	2.5%	Free (A,CA,CL,E, IL,J,JO,MX,SG)	25%
		Foil:				
7506.20.45	00	Not exceeding 0.15 mm in thickness . . . . .	kg . . . . .	3%	Free (A,CA,CL,E, IL,J,JO,MX,SG)	45%
7506.20.60	00	Other . . . . .	kg . . . . .	3%	Free (A,CA,CL,E, IL,J,JO,MX,SG)	45%
7507		Nickel tubes, pipes and tube or pipe fittings (for example, couplings, elbows, sleeves):				
		Tubes and pipes:				
7507.11.00	00	Of nickel, not alloyed . . . . .	kg . . . . .	2%	Free (A,CA,CL,E, IL,J,JO,MX,SG)	35%
7507.12.00	00	Of nickel alloys . . . . .	kg . . . . .	2%	Free (A,CA,CL,E, IL,J,JO,MX,SG)	35%
7507.20.00	00	Tube or pipe fittings . . . . .	kg . . . . .	3%	Free (A,B,CA,CL, E,IL,J,JO,MX,SG)	45%
7508		Other articles of nickel:				
7508.10.00	00	Cloth, grill and netting, of nickel wire . . . . .	kg . . . . .	3%	Free (A,B,CA,CL, E,IL,J,JO,MX,SG)	45%
		Other:				
7508.90						
7508.90.10	00	Stranded wire . . . . .	kg . . . . .	3%	Free (A,B,CA,CL, E,IL,J,JO,MX,SG)	35%
7508.90.50	00	Other . . . . .	kg . . . . .	3%	Free (A,B,CA,CL, E,IL,J,JO,MX,SG)	45%