

CHAPTER 81

OTHER BASE METALS; CERMETS; ARTICLES THEREOF

XV
81-1

Subheading Note

1. Note 1 to chapter 74, defining "bars and rods", "profiles", "wire", and "plates, sheets, strip and foil" applies, mutatis mutandis, to this chapter.

Additional U.S. Notes

1. Alloys of each of the base metals provided for in chapter 81 are metals in which the content of the respective base metal is, by weight, less than 99 percent, but not less than any other metallic element.
2. For the purposes of subheading 8108.90.60, the rate of duty "Free (C)" appearing in the "Special" subcolumn applies only to tubes and pipes with attached fittings, suitable for conducting gases or liquids.

USITC Investigation 332-388 - 2nd DRAFT Harmonized Tariff Schedule of the United States (2004)

XVI
81-2

Heading/ Subheading	Article Description	Rates of Duty		
		1		2
		General	Special	
8101	Tungsten (wolfram) and articles thereof, including waste and scrap:			
8101.10.00	Powders	7%	Free (CA,E,IL,J,MX)	58%
8101.91.00	Other: Unwrought tungsten, including bars and rods obtained simply by sintering; waste and scrap	2.8%	Free (CA,E,IL,J,MX)	50%
8101.92.00	Bars and rods, other than those obtained simply by sintering, profiles, plates, sheets, strip and foil	6.5%	Free (CA,E,IL,J,MX)	60%
8101.93.00	Wire	4.4%	Free (CA,E,IL,J,MX)	60%
8101.99.00	Other	3.7%	Free (CA,E,IL,J,MX)	45%
8102	Molybdenum and articles thereof, including waste and scrap:			
8102.10.00	Powders	9.1¢/kg on molybdenum content + 1.2%	Free (CA,E,IL,J,MX)	\$1.10/kg on molybdenum content + 15%
8102.91.00	Other: Unwrought molybdenum, including bars and rods obtained simply by sintering; waste and scrap	Free		Free
8102.92.00	Bars and rods, other than those obtained simply by sintering, profiles, plates, sheets, strip and foil	6.6%	Free (CA,E,IL,J,MX)	60%
8102.93.00	Wire	4.4%	Free (CA,E,IL,J,MX)	60%
8102.99.00	Other	3.7%	Free (CA,E,IL,J,MX)	45%
8103	Tantalum and articles thereof, including waste and scrap:			
8103.10	Unwrought tantalum, including bars and rods obtained simply by sintering; waste and scrap; powders:			
8103.10.30	Waste and scrap	Free		Free
8103.10.60	Other	2.5%	Free (CA,E,IL,J,MX)	25%
8103.90.00	Other	4.4%	Free (CA,E,IL,J,MX)	45%

USITC Investigation 332-388 - 2nd DRAFT Harmonized Tariff Schedule of the United States (2004)

XVI
81-3

Heading/ Subheading	Article Description	Rates of Duty		
		1		2
		General	Special	
8104	Magnesium and articles thereof, including waste and scrap:			
	Unwrought magnesium:			
8104.11.00	Containing at least 99.8 percent by weight of magnesium	8%	Free (CA,E,IL, J,MX)	100%
8104.19.00	Other	6.5%	Free (CA,E,IL, J,MX)	60.5%
8104.20.00	Waste and scrap	Free		Free
8104.30.00	Raspings, turnings and granules, graded according to size; powders	4.4%	Free (CA,E,IL, J,MX)	60.5%
8104.90.00	Other	14.8¢/kg on magnesium content +3.5%	Free (B,CA,E,IL, J,MX)	88¢/kg o magnesium content + 20%
8105	Cobalt mattes and other intermediate products of cobalt metallurgy; cobalt and articles thereof, including waste and scrap:			
	Unwrought cobalt; waste and scrap:			
8105.10.00	Cobalt mattes and other intermediate products of cobalt metallurgy; unwrought cobalt; waste and scrap; powders	Free		Free
8105.90.00	Other	3.7%	Free (CA,E,IL,J, MX)	45%
8106.00.00	Bismuth and articles thereof, including waste and scrap	Free		7.5%
8107	Cadmium and articles thereof, including waste and scrap:			
	Unwrought cadmium; waste and scrap; powders	Free		33¢/kg
8107.90.00	Other	4.4%	Free (CA,E,IL,J, MX)	45%
8108	Titanium and articles thereof, including waste and scrap:			
	Unwrought titanium; waste and scrap; powders:			
8108.10	Waste and scrap	Free		Free
8108.10.10	Other	15%	Free (CA,E,IL, J,MX)	25%
8108.90	Other:			
8108.90.30	Articles of titanium	5.5%	Free (CA,E,IL,J, MX)	45%
8108.90.60	Other	15%	Free (C,CA, E,IL,J,MX)	45%

USITC Investigation 332-388 - 2nd DRAFT Harmonized Tariff Schedule of the United States (2004)

XVI
81-4

Heading/ Subheading	Article Description	Rates of Duty		
		1		2
		General	Special	
8109	Zirconium and articles thereof, including waste and scrap:			
8109.10.00	Unwrought zirconium; waste and scrap; powders	4.2%	Free (CA,E,IL, J,MX)	25%
8109.90.00	Other	3.7%	Free (CA,E,IL,J, MX)	45%
8110.00.00	Antimony and articles thereof, including waste and scrap	Free		4.4¢/kg
8111.00	Manganese and articles thereof, including waste and scrap			
8111.00.30	Waste and scrap	Free		Free
	Other:			
8111.00.45	Unwrought manganese	14%	Free (CA,E,IL,J, MX)	20%
8111.00.60	Other	3.7%	Free (CA,E,IL, J,MX)	45%
8112	Beryllium, chromium, germanium, vanadium, gallium, hafnium, indium, niobium (columbium), rhenium and thallium, and articles of these metals, including waste and scrap:			
	Beryllium:			
8112.11.00	Unwrought; waste and scrap; powders	8.5%	Free (CA,E,IL, J,MX)	25%
8112.19.00	Other	5.5%	Free (CA,E,IL,J, MX)	45%
8112.20.00	Chromium	3%	Free (CA,E,IL,J, MX)	30%
8112.30	Germanium:			
8112.30.60	Unwrought	2.6%	Free (CA,E,IL, J,MX)	25%
8112.30.80	Other	4.4%	Free (CA,E,IL,J, MX)	45%
8112.40.00	Vanadium	2%	Free (CA,E,IL, J,MX)	25%
	Other:			
8112.91	Unwrought; waste and scrap; powders:			
8112.91.30	Indium	Free		25%
8112.91.40	Niobium (columbium)	4.9%	Free(CA,E,IL, J,MX)	25%
8112.91.90	Other	3%	Free (CA,E,IL,J, MX)	25%
8112.99.00	Other	4%	Free (CA,E,IL,J, MX)	45%
8113.00.00	Cermets and articles thereof, including waste and scrap	3.7%	Free (CA,E,IL,J, MX)	45%

Tariff Simplification (Inv. 332-388)

Concordance and Change Record

(Changes Indicated with Bold Type)

Chapter 81

Chapter Note Changes:

Add:

Delete:

1999 Tariff Line(s):	Proposed Tariff Line(s):	2004 Col. 1 Duty Rate:	Proposed Duty Rate:
8101.10.00	8101.10.00	7%	7%
8101.91.10	8101.91.00	2.8%	2.8%
8101.91.50	8101.91.00	6.6%	2.8%
8101.92.00	8101.92.00	6.5%	6.5%
8101.93.00	8101.93.00	4.4%	4.4%
8101.99.00	8101.99.00	3.7%	3.7%
8102.10.00	8102.10.00	9.1¢/kg on Mb content + 1.2%	9.1¢/kg on Mb content + 1.2%
8102.91.10	8102.91.00	13.9¢/kg on Mb content + 1.9%	Free
8102.91.50	8102.91.00	Free	Free
8102.92.30	8102.92.00	6.6%	6.6%
8102.92.60	8102.92.00	6.6%	6.6%
8102.93.00	8102.93.00	4.4%	4.4%
8102.99.00	8102.99.00	3.7%	3.7%
8103.10.30	8103.10.30	Free	Free
8103.10.60	8103.10.60	2.5%	2.5%
8103.90.00	8103.90.00	4.4%	4.4%
8104.11.00	8104.11.00	8%	8%
8104.19.00	8104.19.00	6.5%	6.5%
8104.20.00	8104.20.00	Free	Free

1999 Tariff Line(s):	Proposed Tariff Line(s):	2004 Col. 1 Duty Rate:	Proposed Duty Rate:
8104.30.00	8104.30.00	4.4%	4.4%
8104.90.00	8104.90.00	14.8¢/kg on Mg content + 3.5%	14.8¢/kg on Mg content + 3.5%
8105.10.30	8105.10.00	4.4%	Free
8105.10.60	8105.10.00	Free	Free
8105.10.90	8105.10.00	Free	Free
8105.90.00	8105.90.00	3.7%	3.7%
8106.00.00	8106.00.00	Free	Free
8107.10.00	8107.10.00	Free	Free
8107.90.00	8107.90.00	4.4%	4.4%
8108.10.10	8108.10.10	Free	Free
8108.10.50	8108.10.50	15%	15%
8108.90.30	8108.90.30	5.5%	5.5%
8108.90.60	8108.90.60	15%	15%
8109.10.30	8109.10.00	Free	4.2%
8109.10.60	8109.10.00	4.2%	4.2%
8109.90.00	8109.90.00	3.7%	3.7%
8110.00.00	8110.00.00	Free	Free
8111.00.30	8111.00.30	Free	Free
8111.00.45	8111.00.45	14%	14%
8111.00.60	8111.00.60	3.7%	3.7%
8112.11.30	8112.11.30	Free	8.5%
8112.11.60	8112.11.00	8.5%	8.5%
8112.19.00	8112.19.00	5.5%	5.5%
8112.20.30	8112.20.00	Free	3%
8112.20.60	8112.20.00	3%	3%
8112.30.30	8112.30.80	Free	4.4%
8112.30.60	8112.30.60	2.6%	2.6%

1999 Tariff Line(s):	Proposed Tariff Line(s):	2004 Col. 1 Duty Rate:	Proposed Duty Rate:
8112.30.90	8112.30.80	4.4%	4.4%
8112.40.30	8112.40.00	Free	2%
8112.40.60	8112.40.00	2%	2%
8112.91.05	8112.91.90	Free	3%
8112.91.10	8112.91.90	3%	3%
8112.91.20	8112.91.90	Free	3%
8112.91.30	8112.91.30	Free	Free
8112.91.40	8112.91.40	4.9%	4.9%
8112.91.50	8112.91.90	3%	3%
8112.91.60	8112.91.90	4%	3%
8112.99.00	8112.99.00	4%	4%
8113.00.00	8113.00.00	3.7%	3.7%