

# Harmonized Tariff Schedule of the United States (2000) – Supplement 1

Annotated for Statistical Reporting Purposes

## 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.

# Harmonized Tariff Schedule of the United States (2000) – Supplement 1

Annotated for Statistical Reporting Purposes

XV  
81-2

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty		
				1		2
				General	Special	
8101		Tungsten (wolfram) and articles thereof, including waste and scrap:				
8101.10.00	00	Powders .....	kg .....	7%	Free (A+,CA,E,IL, J,MX)	58%
		Other:				
8101.91		Unwrought tungsten, including bars and rods obtained simply by sintering; waste and scrap:				
8101.91.10	00	Waste and scrap .....	kg .....	2.8%	Free (A,CA,E,IL,J, MX)	50%
8101.91.50	00	Unwrought .....	kg .....	6.6%	Free (A+,CA,E,IL, J,MX)	60%
8101.92.00	00	Bars and rods, other than those obtained simply by sintering, profiles, plates, sheets, strip and foil .....	kg .....	6.5%	Free (A+,CA,E,IL, J,MX)	60%
8101.93.00	00	Wire .....	kg .....	4.4%	Free (A+,CA,E,IL, J,MX)	60%
8101.99.00	00	Other .....	kg .....	3.7%	Free (A,CA,E,IL,J, MX)	45%
8102		Molybdenum and articles thereof, including waste and scrap:				
8102.10.00	00	Powders .....	kg .....	9.1¢/kg on molybdenum content + 1.2%	Free (A+,CA,E,IL, J,MX)	\$1.10/kg on molybde- num content + 15%
		Other:				
8102.91		Unwrought molybdenum, including bars and rods obtained simply by sintering; waste and scrap:				
8102.91.10	00	Unwrought .....	kg .....	13.9¢/kg on molybdenum content + 1.9%	Free (A+,CA,E,IL, J,MX)	\$1.10/kg on molybde- num content + 15%
8102.91.50	00	Waste and scrap .....	kg .....	Free		Free
8102.92		Bars and rods, other than those obtained simply by sintering, profiles, plates, sheets, strip and foil:				
8102.92.30	00	Bars and rods .....	kg .....	6.6%	Free (A,CA,E,IL,J, MX)	60%
8102.92.60	00	Other .....	kg .....	6.6%	Free (A,CA,E,IL,J, MX)	60%
8102.93.00	00	Wire .....	kg .....	4.4%	Free (A,CA,E,IL,J, MX)	60%
8102.99.00	00	Other .....	kg .....	3.7%	Free (A,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	00	Waste and scrap .....	kg .....	Free		Free
8103.10.60		Other .....	kg .....	2.5%	Free (A,CA,E,IL,J, MX)	25%
	30	Powders .....	kg			
	90	Other .....	kg			
8103.90.00	00	Other .....	kg .....	4.4%	Free (A,CA,E,IL,J, MX)	45%

# Harmonized Tariff Schedule of the United States (2000) – Supplement 1

Annotated for Statistical Reporting Purposes

XV  
81-3

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty		
				1		2
				General	Special	
8104		Magnesium and articles thereof, including waste and scrap:				
8104.11.00	00	Unwrought magnesium: Containing at least 99.8 percent by weight of magnesium .....	kg .....	8%	Free (A*,CA,E,IL, J,MX)	100%
8104.19.00	00	Other .....	Mg kg	6.5%	Free (A+,CA,E,IL, J,MX)	60.5%
8104.20.00	00	Waste and scrap .....	kg .....	Free		Free
8104.30.00	00	Raspings, turnings and granules, graded according to size; powders .....	kg .....	4.4%	Free (A,CA,E,IL, J,MX)	60.5%
8104.90.00	00	Other .....	Mg kg	14.8¢/kg on magnesium content + 3.5%	Free (A,B,CA,E,IL, J,MX)	88¢/kg on magnesium content + 20%
8105		Cobalt mattes and other intermediate products of cobalt metallurgy; cobalt and articles thereof, including waste and scrap:				
8105.10		Cobalt mattes and other intermediate products of cobalt metallurgy; unwrought cobalt; waste and scrap; powders:				
8105.10.30	00	Unwrought cobalt: Alloys .....	kg .....	4.4%	Free (A+,CA,E,IL, J,MX)	45%
8105.10.60	00	Other .....	kg .....	Free		Free
8105.10.90	00	Other .....	kg .....	Free		Free
8105.90.00	00	Other .....	kg .....	3.7%	Free (A,CA,E,IL,J, MX)	45%
8106.00.00	00	Bismuth and articles thereof, including waste and scrap ..	kg .....	Free		7.5%
8107		Cadmium and articles thereof, including waste and scrap:				
8107.10.00	00	Unwrought cadmium; waste and scrap; powders .....	kg .....	Free		33¢/kg
8107.90.00	00	Other .....	kg .....	4.4%	Free (A,CA,E,IL,J, MX)	45%
8108		Titanium and articles thereof, including waste and scrap:				
8108.10		Unwrought titanium; waste and scrap; powders:				
8108.10.10	00	Waste and scrap .....	kg .....	Free		Free
8108.10.50		Other .....		15%	Free (A+,CA,E,IL, J,MX)	25%
	10	Sponge .....	kg			
	15	Other:				
	30	Powders .....	kg			
	45	Ingots .....	kg			
	60	Billets .....	kg			
	90	Blooms, sheet bars and slabs .....	kg			
8108.90		Other:				
8108.90.30		Articles of titanium .....			5.5%	Free
(A,CA,E,IL,J,	45%				MX)	
	30	Castings .....	kg			
8108.90.60	60	Other .....	kg	15%	Free (A,C 1/2,CA, E,IL,J,MX)	45%
	30	Bars, rods, profiles and wire .....	kg			
	45	Plates, sheets, strips and foil .....	kg			
	60	Tubes and pipes .....	kg			
	75	Other .....	kg			

1/ See additional U.S. note 2 to this chapter.

# Harmonized Tariff Schedule of the United States (2000) – Supplement 1

Annotated for Statistical Reporting Purposes

XV  
81-4

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty		
				1		2
				General	Special	
8109		Zirconium and articles thereof, including waste and scrap:				
8109.10		Unwrought zirconium; waste and scrap; powders:				
8109.10.30	00	Waste and scrap	kg	Free		Free
8109.10.60	00	Other	kg	4.2%	Free (A+,CA,E,IL, J,MX)	25%
8109.90.00	00	Other	kg	3.7%	Free (A,CA,E,IL,J, MX)	45%
8110.00.00	00	Antimony and articles thereof, including waste and scrap	kg	Free		4.4¢/kg
8111.00		Manganese and articles thereof, including waste and scrap:				
8111.00.30	00	Waste and scrap	kg	Free		Free
8111.00.45	00	Other: Unwrought manganese	kg	14%	Free (A+,CA,E,IL, J,MX)	20%
8111.00.60	00	Other	kg	3.7%	Free (A,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		Unwrought; waste and scrap; powders:				
8112.11.30	00	Waste and scrap	kg	Free		Free
8112.11.60	00	Other	kg	8.5%	Free (A,CA,E,IL, J,MX)	25%
8112.19.00	00	Other	kg	5.5%	Free (A,CA,E,IL,J, MX)	45%
8112.20		Chromium:				
8112.20.30	00	Waste and scrap	kg	Free		Free
8112.20.60	00	Other	kg	3%	Free (A,CA,E,IL,J, MX)	30%
8112.30		Germanium:				
8112.30.30	00	Waste and scrap	kg	Free		Free
8112.30.60	00	Other: Unwrought	kg	2.6%	Free (A*,CA,E,IL, J,MX)	25%
8112.30.90	00	Other	kg	4.4%	Free (A,CA,E,IL,J, MX)	45%
8112.40		Vanadium:				
8112.40.30	00	Waste and scrap	kg	Free		Free
8112.40.60	00	Other	V kg kg	2%	Free (A+,CA,E,IL, J,MX)	25%
8112.91		Other:				
8112.91.05	00	Unwrought; waste and scrap; powders: Waste and scrap	kg	Free		Free
8112.91.10	00	Other: Gallium	kg		3%	Free
(A,CA,E,IL,J,	25%				MX)	
8112.91.20	00	Hafnium	kg	Free		25%
8112.91.30	00	Indium	kg	Free		25%
8112.91.40	00	Niobium (columbium)	kg	4.9%	Free (A+,CA,E,IL, J,MX)	25%
8112.91.50	00	Rhenium	kg	3%	Free (A,CA,E,IL,J, MX)	25%
8112.91.60	00	Thallium	kg	4%	Free (A+,CA,E,IL, J,MX)	25%
8112.99.00	00	Other	kg	4%	Free (A,CA,E,IL,J, MX)	45%
8113.00.00	00	Cermets and articles thereof, including waste and scrap	kg	3.7%	Free (A,CA,E,IL,J, MX)	45%