

CHAPTER 74

COPPER AND ARTICLES THEREOF

NOTES:

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

(a) *Refined Copper*

Metal containing at least 99.85 per cent by weight of copper; or

Metal containing at least 97.5 per cent by weight of copper, provided that the content by weight of any other element does not exceed the limit specified in the following Table:

Element	Limiting content % by weight
Ag Silver	0.25
As Arsenic	0.50
Cd Cadmium	1.30
Cr Chromium	1.40
Mg Magnesium	0.80
Pb Lead	1.50
S Sulphur	0.70
Sn Tin	0.80
Te Tellurium	0.80
Zn Zinc	1.00
Zr Zirconium	0.30
Other (*), each	0.30

* Other elements are, for example, Al, Be, Co, Fe, Mn, Ni, Si.

(b) *Copper alloys*

Metallic substances other than unrefined copper in which copper predominates by weight over each of the other elements, provided that:

- (i) The content by weight of at least one of the other elements is greater than the limit specified in the foregoing table; or
- (ii) The total content by weight of such other elements exceeds 2.5 per cent.

(c) *Master alloys*

Alloys containing with other elements more than 10 per cent by weight of copper, not usefully malleable and commonly used as an additive in the manufacture of other alloys or as de-oxidants, de-sulphurising agents or for similar uses in the metallurgy of non-ferrous metals. However, copper phosphide (phosphor copper) containing more than 12.5 per cent by weight of phosphorous falls in heading 2848.

(d) *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.

Wire-bars and billets with their ends tapered or otherwise worked simply to facilitate their entry into machines for converting them into, for example, drawing stock (wire-rod) or tubes, are however to be taken to be unwrought copper of heading 7403.

(e) 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.

(f) 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.

(g) Plates, sheets, strip and foil

Flat-surfaced products (other than the unwrought products of heading 7403), 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:

- i) Of a rectangular (including square) shape with a thickness not exceeding one-tenth of the width,
- ii) 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.

Headings 7409 and 7410 apply, 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.

(h) 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-section may be polished, coated, bent, threaded, drilled, waisted, expanded, cone-shaped or fitted with flanges, collars or rings.

SUB-HEADING NOTES:

In this Chapter the following expressions have the meaning hereby assigned to them:

(a) Copper-zinc base alloys (brasses)

Alloys of copper and zinc, with or without other elements. When other elements are present:

- (i) Zinc predominates by weight over each of such other elements;
- (ii) Any nickel content by weight is less than 5 per cent [see copper-nickel-zinc alloys (nickel silvers)]; and
- (iii) Any tin content by weight is less than 3 per cent [see copper-tin alloys (bronzes)].

(b) Copper-tin base alloys (bronzes)

Alloys of copper and tin, with or without other elements. When other elements are present, tin predominates by weight over each of such other elements, except that when the tin content is 3 per cent or more the zinc content by weight may exceed that of tin but must be less than 10 per cent.

(c) Copper-nickel-zinc base alloys (nickel silvers)

Alloys of copper, nickel and zinc, with or without other elements. The nickel content is 5 per cent or more by weight [see copper-zinc alloys (brasses)].

(d) Copper-nickel base alloys

Alloys of copper and nickel, with or without other elements but in any case containing by weight not more than 1 per cent of zinc. When other elements are present, nickel predominates by weight over each of such other elements.

Heading No	HS Code	ITC(HS) Code	Description	Unit
7401	7401 00		COPPER MATTES; CEMENT COPPER (PRECIPITATED COPPER) <i>Copper mattes; Cement copper (precipitated copper):</i>	
		7401 00 10	Copper mattes	KGS
		7401 00 90	Cement copper (precipitated copper)	KGS
7402	7402 00		UNREFINED COPPER; COPPER ANODES FOR ELECTROLYTIC REFINING <i>Unrefined copper; copper anodes for electrolytic refining:</i>	
		7402 00 10	Blister copper	KGS
		7402 00 90	Other	KGS
7403	7403 22		REFINED COPPER AND COPPER ALLOYS, UNWROUGHT <i>Refined copper:</i>	
		7403 11 00	Cathodes and sections of cathodes	KGS
		7403 12 00	Wire-bars	KGS
		7403 13 00	Billets	KGS
		7403 19 00	Other	KGS
		7403 21 00	Copper-zinc base alloys (brass)	KGS
		7403 22 10	Phosphor bronze	KGS
		7403 22 90	Other	KGS
		7403 29 00	Other copper alloys (other than master alloys of heading 7405)	KGS
				<i>Copper alloys:</i>
7404	7404 00		COPPER WASTE AND SCRAP <i>Copper waste and scrap:</i> <i>Of copper:</i>	
		7404 00 11	Empty or discharged cartridges of all bores and sizes	KGS
		7404 00 12	Copper scrap, namely the following: Copper wire scrap covered by ISRI code words 'Barley', 'Berry' and 'Birch'; Heavy copper scrap covered by ISRI code word 'Candy'; Unalloyed copper scrap covered by ISRI code word 'Cliff'; Copper wire nodules scrap covered by ISRI code words 'Clive', 'Cobra' and 'Cocoa'; Light copper scrap covered	KGS

Heading No	HS Code	ITC(HS) Code	Description	Unit
			by ISRI code word 'Dream'; Muntz metal tubes covered by ISRI code word 'Palms'	
		7404 00 19	Other	KGS
			<i>Of copper alloys:</i>	
		7404 00 21	Empty or discharged cartridges of all bores and sizes	KGS
		7404 00 22	Brass scrap, namely the following: Refinery brass scrap covered by ISRI code word 'Drink'; Composition of Red brass scrap covered by ISRI code word 'Ebony'; Red brass composition turnings scrap covered by ISRI code word 'Enerv'; Genuine babbitt-lined brass bushings scrap covered by ISRI code word 'Elder'; Machinery or hard brass solids scrap covered by ISRI code word 'Engel'; Machinery or hand brass solids scrap covered by ISRI code word 'Erin'; Cocks and faucets scrap covered by ISRI code word 'Grape'; Yellow brass scrap covered by ISRI code word 'Honey'; Yellow brass castings covered by ISRI code word 'Ivory'; New brass clippings covered by ISRI code word 'Label'; Yellow brass primer covered by ISRI code word 'Lark'; Brass pipe covered by ISRI code word 'Melon'; Yellow brass rod turnings covered by ISRI code word 'Night'; New yellow brass rod ends covered by ISRI code word 'Noble'; Yellow brass turnings covered by ISRI code word 'Nomad'; Mixed unsweated auto radiators covered by ISRI code word 'Ocean'; Admiralty brass condenser tubes covered by ISRI code word 'Pales'; Aluminium brass condenser tubes covered by ISRI code word 'Pallu'; Manganese bronze solids covered by ISRI code word 'Parch'.	KGS
		7404 00 23	Nickel silver scrap namely the following: mixed new nickel silver clippings covered by ISRI code 'Maize', new nickel silver clippings covered by ISRI code 'Major' new segregated nickel silver clippings covered by ISRI code 'Malar' old nickel silver clippings covered by ISRI code 'Malic', nickel silver castings covered by ISRI code Word 'Naggy', nickel silver turnings covered by ISRI Word 'Niece'	KGS
		7404 00 29	Other	KGS
		7405 00 00	Master alloys of copper	KGS
7406			COPPER POWDERS AND FLAKES	
		7406 10 00	Powders of non-lamellar structure	KGS
		7406 20 00	Powders of lamellar structure; flakes	KGS

Heading No	HS Code	ITC(HS) Code	Description	Unit
7407			COPPER BARS, RODS AND PROFILES	
	7407 10		<i>Of refined copper:</i>	
		7407 10 10	Electrolytic copper rods or black copper rods	KGS
		7407 10 20	Other copper rods	KGS
		7407 10 30	Copper bars (excluding hollow bars)	KGS
		7407 10 40	Hollow bars of copper	KGS
			Profiles:	
		7407 10 51	Hollow profiles	KGS
		7407 10 59	Other	KGS
		7407 10 90	Other	KGS
	7407 21		<i>Of copper alloys:</i>	
			<i>Of copper-zinc base alloys (brass):</i>	
		7407 21 10	Bars	KGS
		7407 21 20	Rods	KGS
		7407 21 30	Hollow bars	KGS
		7407 21 90	Other	KGS
	7407 29		<i>Other:</i>	
		7407 29 10	Rods of bronze and similar alloys	KGS
			<i>Profiles:</i>	
		7407 29 21	Hollow	KGS
		7407 29 29	Other	KGS
		7407 29 90	Other	KGS
7408			COPPER WIRE	
	7408 11		<i>Of refined copper:</i>	
			<i>Of which the maximum cross-sectional dimension exceeds 6 mm:</i>	
		7408 11 10	Copper weld wire	KGS
		7408 11 90	Other	KGS
	7408 19		<i>Other:</i>	
		7408 19 10	Copper weld wire	KGS
		7408 19 20	Welding wire	KGS
		7408 19 90	Other	KGS
	7408 21		<i>Of copper alloys:</i>	
			Of copper-zinc base alloys (brass):	
		7408 21 10	Of which the maximum cross-sectional dimension exceeds 6 mm	KGS
		7408 21 90	Other	KGS
	7408 22		<i>Of copper-nickel base alloys (cupro-nickel) or copper-nickel-zinc base alloys (nickel silver):</i>	

Heading No	HS Code	ITC(HS) Code	Description	Unit
		7408 22 10	Silver plated flattened wire of copper (lametta)	KGS
		7408 22 20	Of which the maximum cross-sectional dimension exceeds 6 mm	KGS
		7408 22 90	Other	KGS
	7408 29		<i>Other:</i>	
		7408 29 10	Wire of bronze and similar alloys	KGS
		7408 29 90	Other	KGS
7409			COPPER PLATES, SHEETS AND STRIP, OF A THICKNESS EXCEEDING 0.12.5 MM	
			<i>Of refined copper:</i>	
		7409 11 00	In coils	KGS
		7409 19 00	Other	KGS
			<i>Of copper-zinc base alloys (brass):</i>	
		7409 21 00	In coils	KGS
		7409 29 00	Other	KGS
			<i>Of copper-tin base alloys (bronze):</i>	
		7409 31 00	In coils	KGS
		7409 39 00	Other	KGS
		7409 40 00	Of copper-nickel base alloys (cupro-nickel) or copper-nickel-zinc base alloys (nickel silver)	KGS
		7409 90 00	Of other copper alloys	KGS
7410			COPPER FOIL (WHETHER OR NOT PRINTED OR BACKED WITH PAPER, PAPERBOARD, PLASTICS OR SIMILAR BACKING MATERIALS) OF A THICKNESS (EXCLUDING ANY BACKING) NOT EXCEEDING 0.12.5 MM	
			<i>Not backed:</i>	
		7410 11 00	Of refined copper	KGS
		7410 12 00	Of copper alloys	KGS
			<i>Backed:</i>	
		7410 21 00	Of refined copper	KGS
		7410 22 00	Of copper alloys	KGS
7411			COPPER TUBES AND PIPES	
		7411 10 00	Of refined copper	KGS
			<i>Of copper alloys:</i>	

Heading No	HS Code	ITC(HS) Code	Description	Unit
7412		7411 21 00	Of copper-zinc base alloys (brass)	KGS
		7411 22 00	Of copper-nickel base alloys (cupro-nickel) or copper-nickel-zinc base alloys (nickel silver)	KGS
		7411 29 00	Other	KGS
			COPPER TUBE OR PIPE FITTINGS (FOR EXAMPLE, COUPLINGS, ELBOWS, SLEEVES)	
		7412 10 00	Of refined copper	KGS
		7412 20	<i>Of copper alloys:</i>	
			<i>Brass:</i>	
		7412 20 11	Tube-well strainer	KGS
		7412 20 12	Hose connectors	KGS
		7412 20 19	Other	KGS
	7412 20 90	Fittings of bronze and similar alloys of copper	KGS	
	7413 00 00	Stranded wire, cables, plated bands and the like, of copper, not electrically insulated	KGS	
7415			NAILS, TACKS, DRAWING PINS, STAPLES (OTHER THAN THOSE OF HEADING 8305) AND SIMILAR ARTICLES, OF COPPER OR OF IRON OR STEEL WITH HEADS OF COPPER; SCREWS, BOLTS, NUTS, SCREW HOOKS, RIVETS, COTTERS, COTTER-PINS, WASHERS (INCLUDING SPRING WASHERS) AND SIMILAR ARTICLES, OF COPPER	
		7415 10 00	Nails and tacks, drawing pins, staples and similar articles	KGS
			<i>Other articles, not threaded:</i>	
		7415 21 00	Washers (including spring washers)	KGS
		7415 29 00	Other	KGS
			<i>Other threaded articles:</i>	
	7415 33		<i>Screws; bolts and nuts:</i>	
		7415 33 10	Screws for wood	KGS
		7415 33 90	Other	KGS
	7415 39		<i>Other:</i>	
		7415 39 10	Rivets (excluding tubular or bifurcated)	KGS
		7415 39 90	Other	KGS

Heading No	HS Code	ITC(HS) Code	Description	Unit
7418			TABLE, KITCHEN OR OTHER HOUSEHOLD ARTICLES AND PARTS THEREOF, OF COPPER; POT SCOURERS AND SCOURING OR POLISHING PADS, GLOVES AND THE LIKE, OF COPPER; SANITARY WARE AND PARTS THEREOF, OF COPPER	
	7418 10		<i>Table, kitchen or other household articles and parts thereof; Pot scourers and scouring or polishing pads, gloves and the like:</i>	
		7418 10 10	Pot scourers and scouring or polishing pads, gloves and the like	KGS
			<i>Utensils:</i>	
		7418 10 21	Of brass	KGS
		7418 10 22	Of copper	KGS
		7418 10 23	Of other copper alloys	KGS
		7418 10 24	E.P.N.S. ware	KGS
			<i>Other:</i>	
		7418 10 31	Of E.P.N.S.	KGS
		7418 10 39	Other	KGS
		7418 10 90	Parts	KGS
	7418 20		<i>Sanitary ware and parts thereof:</i>	
		7418 20 10	Sanitary ware	KGS
		7418 20 20	Parts of sanitary ware	KGS
7419			OTHER ARTICLES OF COPPER	
	7419 10		<i>Chain and parts thereof:</i>	
		7419 10 10	Chain	KGS
			<i>Parts:</i>	
		7419 10 21	Of copper chains	KGS
		7419 10 29	Other	KGS
			<i>Other:</i>	
		7419 91 00	Cast, moulded, stamped or forged, but not further worked	KGS
	7419 99		<i>Other:</i>	
		7419 99 10	Reservoirs, tanks, vats and similar containers of a capacity above 300 l	KGS

Heading No	HS Code	ITC(HS) Code	Description	Unit
		7419 99 20	Articles of copper alloys electro-plated with nickel- silver	KGS
		7419 99 30	Articles of brass	KGS
		7419 99 40	Copper worked articles	KGS
		7419 99 90	Other articles of copper	KGS
