

CHAPTER 72**IRON AND STEEL****NOTES:**

1. In this Chapter and, in the case of Notes (d), (e) and (f) throughout this Schedule, the following expressions have the meanings hereby assigned to them:

(a). PIG IRON:

Iron-carbon alloys not usefully malleable, containing more than 2 per cent by mass of carbon and which may contain by mass one or more other elements within the following limits:

- not more than 10 per cent of chromium
- not more than 6 per cent of manganese
- not more than 3 per cent of phosphorus
- not more than 8 per cent of silicon
- a total of not more than 10 per cent of other elements.

(b). SPIEGELEISEN:

Iron-carbon alloys containing by mass more than 6 per cent but not more than 30 per cent of manganese and otherwise conforming to the specification at (a) above.

(a). FERRO-ALLOYS:

Alloys in pigs, blocks, lumps or similar primary forms, in forms obtained by continuous casting and also in granular or powder forms, whether or not agglomerated, commonly used as an additive in the manufacture of other alloys or as de-oxidants, de-sulphurising agents or for similar uses in ferrous metallurgy and generally not usefully malleable, containing by mass 4 per cent or more of the element iron and one or more of the following:

- more than 10 per cent of chromium
- more than 30 per cent of manganese
- more than 3 per cent of phosphorus
- more than 8 per cent of silicon
- a total of more than 10 per cent of other elements (excluding carbon), subject to a maximum content of 10 per cent in the case of copper.

(b). STEEL:

Ferrous materials (excluding those of heading No. 72.03) which (with the exception of certain types produced in the form of castings) are usefully malleable and which contain by mass 2 per cent or less of carbon. However, chromium steels may contain higher proportions of carbon.

(c). STAINLESS STEEL:

Alloy steels containing, by mass, 1,2 per cent or less of carbon and 10,5 per cent or more of chromium, with or without other elements.

(d). OTHER ALLOY STEEL:

Steels not complying with the definition of stainless steel and containing by mass one or more of the following elements in the proportion shown:

- 0,3 per cent or more of aluminium
- 0,0008 per cent or more of boron
- 0,3 per cent or more of chromium
- 0,3 per cent or more of cobalt
- 0,4 per cent or more of copper
- 0,4 per cent or more of lead
- 1,65 per cent or more of manganese
- 0,08 per cent or more of molybdenum
- 0,3 per cent or more of nickel
- 0,06 per cent or more of niobium
- 0,6 per cent or more of silicon
- 0,05 per cent or more of titanium
- 0,3 per cent or more of tungsten (wolfram)
- 0,1 per cent or more of vanadium
- 0,5 per cent or more of zirconium
- 0,1 per cent or more of other elements (except sulphur, phosphorus, carbon and nitrogen), taken separately.

(e). REMELTING SCRAP INGOTS OF IRON OR STEEL:

Products roughly cast in the form of ingots without feeder-heads or hot tops, or of pigs, having obvious surface faults and not complying with the chemical composition of pig iron, spiegeleisen or ferro-alloys.

(f). GRANULES:

Products of which less than 90 per cent by mass passes through a sieve with a mesh aperture of 1 mm and of which 90 per cent or more by mass passes through a sieve with a mesh aperture of 5 mm.

(ij). SEMI-FINISHED PRODUCTS:

Continuous cast products of solid section, whether or not subjected to primary hotrolling; and

Other products of solid section, which have not been further worked than subjected to primary hot-rolling or roughly shaped by forging, including blanks for angles, shapes or sections.

These products are not presented in coils.

(k). FLAT-ROLLED PRODUCTS:

Rolled products of solid rectangular (excluding square) cross-section, which do not conform to the definition at (ij) above in the form of:

- coils of successively superimposed layers, or
- straight lengths, which if of a thickness less than 4,75 mm are of a width measuring at least ten times the thickness or if of a thickness of 4,75 mm or more are of a width which exceeds 150 mm and measures at least twice the thickness.

Flat-rolled products include those with patterns in relief derived directly from rolling (for example, grooves, ribs, chequers, tears, buttons, lozenges) and those which have been perforated, corrugated or polished, provided that they do not thereby assume the character of articles or products of other headings.

Flat-rolled products of a shape (excluding rectangular or square), of any size, are to be classified as products of a width of 600mm or more, provided that they do not assume the character of articles or products of other headings. **A/S.0001**

(l). BARS AND RODS, HOT-ROLLED, IN IRREGULARLY WOUND COILS:

Hot-rolled products in irregularly wound coils, which have a solid cross-section in the shape of circles, segments or circles, ovals, rectangles (including squares), triangles or other 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). These products may have indentations, ribs, grooves or other deformations produced during the rolling process (reinforcing bars and rods). **A/S.0001**

(m). OTHER BARS AND RODS:

Products which do not conform to any of the definitions at (ij), (k) or (l) above or to the definition of wire, which have a uniform solid cross-section along their whole length in the shape of circles, segments of circles, ovals, rectangles (including squares), triangles or other 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). These products may : **A/S.0001**

- have indentations, ribs, grooves or other deformations produced during the rolling process (reinforcing bars and rods);
- be twisted after rolling.

(n). ANGLES, SHAPES AND SECTIONS:

Products having a uniform solid cross-section along their whole length which do not conform to any of the definitions at (ij), (k), (l) or (m) above or to the definition of wire.

Chapter 72 does not include products of heading No. 73.01 or 73.02.

(o). WIRE:

Cold-formed products in coils, of any uniform solid cross-section along their whole length, which do not conform to the definition of flat-rolled products.

(p). HOLLOW DRILL BARS AND RODS:

Hollow bars and rods of any cross-section, suitable for drills, of which the greatest external dimension of the cross-section exceeds 15 mm but does not exceed 52 mm, and of which the greatest internal dimension does not exceed one half of the greatest external dimension. Hollow bars and rods of iron or steel not conforming to this definition are to be classified in heading No.73.04.

2. Ferrous metals clad with another ferrous metal are to be classified as products of the ferrous metal predominating by mass.
3. Iron or steel products obtained by electrolytic deposition, by pressure casting or by sintering are to be classified, according to their form, their composition and their appearance, in the headings of this Chapter appropriate to similar hot-rolled products.

SUBHEADING NOTES:

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

(a). ALLOY PIG IRON:

Pig iron containing, by mass, one or more of the following elements in the specified proportions:

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- more than 0,2 per cent of chromium
- more than 0,3 per cent of copper
- more than 0,3 per cent of nickel
- more than 0,1 per cent of any of the following elements: aluminium, molybdenum, titanium, tungsten (wolfram), vanadium.

(b). NON-ALLOY FREE-CUTTING STEEL:

Non-alloy steel containing, by mass, one or more of the following elements in the specified proportions:

- 0,08 per cent or more of sulphur
- 0,1 per cent or more of lead
- more than 0,05 per cent of selenium
- more than 0,01 per cent of tellurium
- more than 0,05 per cent of bismuth.

(c). SILICON-ELECTRICAL STEEL:

Alloy steels containing by mass at least 0,6 per cent but not more than 6 per cent of silicon and not more than 0,08 per cent of carbon. They may also contain by mass not more than 1 per cent of aluminium but no other element in a proportion that would give the steel the characteristics of another alloy steel.

(d). HIGH SPEED STEEL:

Alloy steels containing, with or without other elements, at least two of the three elements molybdenum, tungsten and vanadium with a combined content by mass of 7 per cent or more, 0,6 per cent or more of carbon and 3 to 6 per cent of chromium.

(e). SILICO-MANGANESE STEEL:

Alloy steels containing by mass:

- not more than 0,7 per cent of carbon; **A/S.0001**
- 0,5 per cent or more but not more than 1,9 per cent of manganese, and **A/S.0001**
- 0,6 per cent or more but not more than 2,3 per cent of silicon, but not other element in a proportion that would give the steel the characteristics of another alloy steel. **A/S.0001**

2. For the classification of ferro-alloys in the subheadings of heading No. 72.02 the following rule should be observed:

A ferro-alloy is considered as binary and classified under the relevant subheading (if it exists) if only one of the alloy elements exceeds the minimum percentage laid down in Chapter Note 1 (c); by analogy, it is considered respectively as ternary or quaternary if two or three alloy elements exceed the minimum percentage.

For the application of this rule the unspecified "other elements" referred to in Chapter Note 1 (c) must each exceed 10 per cent by mass

HEAD ING	SUB- HEADING	C D	ARTICLE DESCRIPTION	STATIS TICAL UNIT	RATES OF DUTY				ANNOT ATION
					General	EU	SADC	EFTA	
72.11			Flat-rolled products of iron or non-alloy steel, of a width of less than 600 mm, not clad, plated or coated:						
	7211.1		- Not further worked than hot-rolled:						
	7211.13	1	-- Rolled on four faces or in a closed box pass, of a width exceeding 150 mm and a thickness of not less than 4 mm, not in coils and without patterns in relief	kg	free	free	free	free	A/S.0001
	7211.14	8	-- Other, of a thickness of 4,75 mm or more	kg	free	free	free	free	A/S.0001
	7211.19	1	-- Other	kg	free	free	free	free	A/S.0001
	7211.2		- Not further worked than cold rolled (cold reduced):						
	7211.23	6	-- Containing by mass less than 0,25 per cent of carbon	kg	free	free	free	free	A/S.0001
	7211.29	4	-- Other	kg	free	free	free	free	A/S.0001
7211.90	6	- Other	kg	free	free	free	free	A/S.0001	
72.12			Flat-rolled products of iron or non-alloy steel, of a width of less than 600 mm, clad, plated or coated:						
	7212.10	6	- Plated or coated with tin	kg	free	free	free	free	A/S.0001
	7212.20	0	- Electrolytically plated or coated with zinc	kg	free	free	free	free	A/S.0001
	7212.30	5	- Otherwise plated or coated with zinc	kg	free	free	free	free	A/S.0001
	7212.40	2	- Painted, varnished or coated with plastics	kg	free	free	free	free	A/S.0001
	7212.50	4	- Otherwise plated or coated	kg	free	free	free	free	A/S.0001
7212.60	9	- Clad	kg	free	free	free	free	A/S.0001	
72.13			Bars and rods, hot-rolled, in irregularly wound coils, of iron or non-alloy steel:						
	7213.10	3	- Containing indentations, ribs, grooves or other deformations produced during the rolling process	kg	free	free	free	free	A/S.0001
	7213.20	4	- Other, of free-cutting steel	kg	free	free	free	free	A/S.0001
	7213.9		- Other:						
	7213.91	2	-- Of circular cross-section measuring less than 14 mm in diameter	kg	free	free	free	free	A/S.0001
7213.99	3	-- Other	kg	free	free	free	free	A/S.0001	
72.14			Other bars and rods of iron or non-alloy steel, not further worked than forged hot-rolled, hot-drawn or hot-extruded, but including those twisted after rolling:						
	7214.10	3	- Forged	kg	free	free	free	free	A/S.0001
	7214.20	8	- Containing indentations, ribs, grooves or other deformations produced during the rolling process or twisted after rolling	kg	free	free	free	free	A/S.0001
7214.30	2	- Of free-cutting steel	kg	free	free	free	free	A/S.0001	

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					General	EU	SADC	EFTA	
72.14	7214.9		- Other:						
	7214.91	6	-- Of rectangular (excluding square) cross-section	kg	free	free	free	free	A/S.0001
	7214.99	7	-- Other	kg	free	free	free	free	A/S.0001
72.15			Other bars and rods of iron or non-alloy steel:						
	7215.10	7	- Of free-cutting steel, not further worked than cold-formed or cold-finished	kg	free	free	free	free	A/S.0001
	7215.50	5	- Other, not further worked than cold-formed or cold-finished	kg	free	free	free	free	A/S.0001
	7215.90	3	- Other	kg	free	free	free	free	A/S.0001
72.16			Angles, shapes and sections of iron or non-alloy steel:						
	7216.10	0	- U, I or H sections, not further worked than hot-rolled, hot-drawn or extruded, of a height of less than 80 mm	kg	free	free	free	free	A/S.0001
	7216.2		- L or T sections, not further worked than hot-rolled, hot-drawn or extruded, of a height of less than 80 mm:						
	7216.21	1	-- L sections	kg	free	free	free	free	A/S.0001
	7216.22	8	-- T sections	kg	free	free	free	free	A/S.0001
	7216.3		- U, I or H sections, not further worked than hot-rolled, hot-drawn or extruded, of a height of 80 mm or more:						
	7216.31	6	-- U sections	kg	free	free	free	free	A/S.0001
	7216.32	2	-- I sections	kg	free	free	free	free	A/S.0001
	7216.33	9	-- H sections	kg	free	free	free	free	A/S.0001
	7216.40	4	- L or T sections, not further worked than hot-rolled, hot-drawn or extruded, of a height of 80 mm or more	kg	free	free	free	free	A/S.0001
	7216.50	9	- Other angles, shapes and sections, not further worked than hot-rolled, hot-drawn or extruded	kg	free	free	free	free	A/S.0001
	7216.6		- Angles, shapes and sections, not further worked than cold-formed or cold-finished:						
	7216.61	8	-- Obtained from flat-rolled products	kg	free	free	free	free	A/S.0001
	7216.69	0	-- Other	kg	free	free	free	free	A/S.0001
	7216.9		- Other:						
7216.91	3	-- Cold-formed or cold-finished from flat-rolled products	kg	free	free	free	free	A/S.0001	
7216.99	4	-- Other	kg	free	free	free	free	A/S.0001	

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72.17			Wire of iron or non-alloy steel:							
	7217.10	4	- Not plated or coated, whether or not polished	kg	free	free	free	free	A/S.0001	
	7217.20	9	- Plated or coated zinc	kg	free	free	free	free	A/S.0001	
	7217.30	3	- Plated or coated with other base metals	kg	free	free	free	free	A/S.0001	
	7217.90	0	- Other	kg	free	free	free	free	A/S.0001	
72.18			SUB-CHAPTER III							
			STAINLESS STEEL							
			Stainless steel in ingots or other primary forms; semi-finished products of stainless steel:							
	7218.10	8	- Ingots and other primary forms	kg	free	free	free	free	A/S.0001	
	7218.9		- Other:							
	7218.91	0	-- Of rectangular (including square) cross-section	kg	free	free	free	free	A/S.0001	
	7218.99	1	-- Other	kg	free	free	free	free	A/S.0001	
72.19			Flat-rolled products of stainless steel, of a width of 600 mm or more:							
		7219.1		- Not further worked than hot-rolled, in coils:						
		7219.11	8	-- Of a thickness exceeding 10 mm	kg	free	free	free	free	A/S.0001
		7219.12	4	-- Of a thickness of 4,75 mm or more but not exceeding 10 mm	kg	free	free	free	free	A/S.0001
		7219.13	0	-- Of a thickness of 3 mm or more but less than 4,75 mm	kg	free	free	free	free	A/S.0001
		7219.14	7	-- Of a thickness of less than 3 mm	kg	free	free	free	free	A/S.0001
		7219.2		- Not further worked than hot-rolled, not in coils:						
		7219.21	2	-- Of a thickness exceeding 10 mm	kg	free	free	free	free	A/S.0001
		7219.22	9	-- Of a thickness of 4,75 mm or more but not exceeding 10 mm	kg	free	free	free	free	A/S.0001
		7219.23	5	-- Of a thickness of 3 mm or more but less than 4,75 mm	kg	free	free	free	free	A/S.0001
		7219.24	1	-- Of a thickness of less than 3 mm	kg	free	free	free	free	A/S.0001
		7219.3		- Not further worked than cold-rolled (cold-reduced):						
	7219.31	7	-- Of a thickness of 4,75 mm or more	kg	free	free	free	free	A/S.0001	
	7219.32	3	-- Of a thickness of 3 mm or more but less than 4,75 mm	kg	free	free	free	free	A/S.0001	
	7219.33	7	-- Of a thickness exceeding 1 mm but less than 3 mm	kg	free	free	free	free	A/S.0001	

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72.24			SUB-CHAPTER IV						
			OTHER ALLOY STEEL; HOLLOW DRILL BARS AND RODS, OF ALLOY OR NON- ALLOY STEEL						
			Other alloy steel in ingots or other primary forms; semi-finished products of other alloy steel:						
	7224.10	6	- Ingots and other primary forms	kg	free	free	free	free	A/S.0001
	7224.90	2	- Other	kg	free	free	free	free	A/S.0001
72.25			Flat-rolled products of other alloy steel, of a width of 600 mm or more:						
	7225.1	1	- Of silicon-electrical steel:						
	7225.11	6	-- Grain-oriented	kg	free	free	free	free	A/S.0001
	7225.19	7	-- Other	kg	free	free	free	free	A/S.0001
	7225.20	4	Deleted with effect from 04.06.2007						A/S.0001
	7225.30	9	- Other, not further worked than hotrolled, in coils	kg	free	free	free	free	A/S.0001
	7225.40	3	- Other, not further worked than hot-rolled, not in coils	kg	free	free	free	free	A/S.0001
	7225.50	8	- Other, not further worked than cold-rolled (cold-reduced)	kg	free	free	free	free	A/S.0001
	7225.9		- Other:						
	7225.91	2	-- Electrolytically plated or coated with zinc	kg	free	free	free	free	A/S.0001
	7225.92	9	-- Otherwise plated or coated with zinc	kg	free	free	free	free	A/S.0001
7225.99	3	-- Other	kg	free	free	free	free	A/S.0001	
72.26			Flat-rolled products of other alloy steel, of a width of less than 600 mm:						
	7226.1		- Of silicon-electrical steel:						
	7226.11	0	-- Grain-oriented	kg	free	free	free	free	A/S.0001
	7226.19	0	-- Other	kg	free	free	free	free	A/S.0001
	7226.20	8	- Of high speed steel	kg	free	free	free	free	A/S.0001
	7226.9		- Other:						
	7226.91	6	-- Not further worked than hot-rolled	kg	free	free	free	free	A/S.0001
	7226.92	2	-- Not further worked than cold-rolled (cold reduced):	kg	free	free	free	free	A/S.0001
	7226.93	9	Deleted with effect from 04.06.2007						A/S.0001
	7226.94	5	Deleted with effect from 04.06.2007						A/S.0001
7226.99	7	-- Other	kg	free	free	free	free	A/S.0001	

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