

Steel Mill Product Category Definitions

Flat Products: Produced by rolling semi-finished steel through varying sets of rolls. Includes sheets, strips, and plates. Used most often in the automotive, tubing, appliance, and machinery manufacturing sectors.

Long Products: Steel products that fall outside the flat products category. Includes bars, rails, rods, and beams. Used in many sectors but most commonly in construction.

Pipe and Tube: Either seamless or welded pipe and tube products. Used in many sectors but most commonly in construction and energy sectors.

Semi-finished: The initial, intermediate solid forms of molten steel, to be re-heated and further forged, rolled, shaped, or otherwise worked into finished steel products. Includes blooms, billets, slabs, ingots, and steel for castings.

Stainless: Steel products containing at minimum 10.5% chromium (Cr) offering better corrosion resistance than regular steel.

Harmonized System (HS) Codes for Steel Mill Products (2016)

Flat Products	
HS Code	HS Description
720810	Flat-rolled products of iron or non-alloy steel, width \geq 600 mm, hot-rolled, not clad, plated or coated, in coils, with patterns in relief
720825	Flat-rolled products of iron or non-alloy steel, width \geq 600 mm, hot-rolled, not clad, plated or coated, in coils, pickled, thickness \geq 4.75 mm
720826	Flat-rolled products of iron or non-alloy steel, width \geq 600 mm, hot-rolled, not clad, plated or coated, in coils, pickled, thickness 3 mm-4.75 mm
720827	Flat-rolled products of iron or non-alloy steel, width \geq 600 mm, hot-rolled, not clad, plated or coated, in coils, pickled, thickness $<$ 3 mm
720836	Flat-rolled products of iron or non-alloy steel, width \geq 600 mm, hot-rolled, not clad, plated or coated, in coils, thickness $>$ 10 mm
720837	Flat-rolled products of iron or non-alloy steel, width \geq 600 mm, hot-rolled, not clad, plated or coated, in coils, thickness 4.75 mm-10 mm
720838	Flat-rolled products of iron or non-alloy steel, width \geq 600 mm, hot-rolled, not clad, plated or coated, in coils, thickness 3 mm-4.75 mm
720839	Flat-rolled products of iron or non-alloy steel, width \geq 600 mm, hot-rolled, not clad, plated or coated, in coils, thickness $<$ 3 mm
720840	Flat-rolled products of iron or non-alloy steel, width \geq 600 mm, hot-rolled, not clad, plated or coated, not in coils, with patterns in relief
720851	Flat-rolled products of iron or non-alloy steel, width \geq 600 mm, hot-rolled, not clad, plated or coated, not in coils, thickness $>$ 10 mm
720852	Flat-rolled products of iron or non-alloy steel, width \geq 600 mm, hot-rolled, not clad, plated or coated, not in coils, thickness 4.75 mm-10 mm
720853	Flat-rolled products of iron or non-alloy steel, width \geq 600 mm, hot-rolled, not clad, plated or coated, not in coils, thickness 3 mm-4.75 mm
720854	Flat-rolled products of iron or non-alloy steel, width \geq 600 mm, hot-rolled, not clad, plated or coated, not in coils, thickness $<$ 3 mm
720890	Flat-rolled products of iron or non-alloy steel, width \geq 600 mm, hot-rolled, not clad, plated or coated, other
720915	Flat-rolled products of iron or non-alloy steel, width \geq 600 mm, cold-rolled (cold-reduced), not clad, plated or coated, in coils, thickness \geq 3 mm
720916	Flat-rolled products of iron or non-alloy steel, width \geq 600 mm, cold-rolled (cold-reduced), not clad, plated or coated, in coils, thickness 1 mm-3 mm
720917	Flat-rolled products of iron or non-alloy steel, width \geq 600 mm, cold-rolled (cold-reduced), not clad, plated or coated, in coils, thickness 0.5 mm-1 mm
720918	Flat-rolled products of iron or non-alloy steel, width \geq 600 mm, cold-rolled (cold-reduced), not clad, plated or coated, in coils, thickness $<$ 0.5 mm
720925	Flat-rolled products of iron or non-alloy steel, width \geq 600 mm, cold-rolled (cold-reduced), not clad, plated or coated, not in coils, thickness \geq 3 mm
720926	Flat-rolled products of iron or non-alloy steel, width \geq 600 mm, cold-rolled (cold-reduced), not clad, plated or coated, not in coils, thickness 1 mm-3 mm
720927	Flat-rolled products of iron or non-alloy steel, width \geq 600 mm, cold-rolled (cold-reduced), not clad, plated or coated, not in coils, thickness 0.5 mm-1 mm
720928	Flat-rolled products of iron or non-alloy steel, width \geq 600 mm, cold-rolled (cold-reduced), not clad, plated or coated, not in coils, thickness $<$ 0.5 mm
720990	Flat-rolled products of iron or non-alloy steel, width \geq 600 mm, cold-rolled (cold-reduced), not clad, plated or coated, other
721011	Flat-rolled products of iron or non-alloy steel, width \geq 600 mm, plated or coated with tin, thickness \geq 0.5 mm
721012	Flat-rolled products of iron or non-alloy steel, width \geq 600 mm, plated or coated with tin, thickness $<$ 0.5 mm
721020	Flat-rolled products of iron or non-alloy steel, width \geq 600 mm, plated or coated with lead, including terne-plate
721030	Flat-rolled products of iron or non-alloy steel, width \geq 600 mm, electrolytically plated or coated with zinc
721041	Flat-rolled products of iron or non-alloy steel, width \geq 600 mm, plated or coated with zinc (not electrolytically), corrugated
721049	Flat-rolled products of iron or non-alloy steel, width \geq 600 mm, plated or coated with zinc (not electrolytically), not corrugated
721050	Flat-rolled products of iron or non-alloy steel, width \geq 600 mm, plated or coated with chromium oxides or with chromium and chromium oxides
721061	Flat-rolled products of iron or non-alloy steel, width \geq 600 mm, plated or coated with aluminium-zinc alloys
721069	Flat-rolled products of iron or non-alloy steel, width \geq 600 mm, plated or coated with aluminium, other
721070	Flat-rolled products of iron or non-alloy steel, width \geq 600 mm, painted, varnished or coated with plastics
721090	Flat-rolled products of iron or non-alloy steel, width \geq 600 mm, clad, plated or coated, other
721113	Flat-rolled products of iron or non-alloy steel, width $<$ 600 mm, not clad, plated or coated, not further worked than hot-rolled, rolled on four faces or in a closed box pass (universal mill plate)
721114	Flat-rolled products of iron or non-alloy steel, width $<$ 600 mm, not clad, plated or coated, not further worked than hot-rolled, thickness \geq 4.75 mm
721119	Flat-rolled products of iron or non-alloy steel, width $<$ 600 mm, not clad, plated or coated, not further worked than hot-rolled, thickness $<$ 4.75 mm
721123	Flat-rolled products of iron or non-alloy steel, width $<$ 600 mm, not clad, plated or coated, not further worked than cold-rolled (cold-reduced), $<$ 0.25 % of carbon
721129	Flat-rolled products of iron or non-alloy steel, width $<$ 600 mm, not clad, plated or coated, not further worked than cold-rolled (cold-reduced), \geq 0.25 % of carbon
721190	Flat-rolled products of iron or non-alloy steel, width $<$ 600 mm, not clad, plated or coated, other
721210	Flat-rolled products of iron or non-alloy steel, width $<$ 600 mm, plated or coated with tin
721220	Flat-rolled products of iron or non-alloy steel, width $<$ 600 mm, electrolytically plated or coated with zinc
721230	Flat-rolled products of iron or non-alloy steel, width $<$ 600 mm, plated or coated with zinc (not electrolytically)
721240	Flat-rolled products of iron or non-alloy steel, width $<$ 600 mm, painted, varnished or coated with plastics
721250	Flat-rolled products of iron or non-alloy steel, width $<$ 600 mm, otherwise plated or coated

721260	Flat-rolled products of iron or non-alloy steel, width < 600 mm, clad
722511	Flat-rolled products of other alloy steel, width >= 600 mm, of silicon-electrical steel, grain-oriented
722519	Flat-rolled products of other alloy steel, width >= 600 mm, of silicon-electrical steel, non-oriented
722530	Flat-rolled products of other alloy steel, width >= 600 mm, not further worked than hot-rolled, in coils
722540	Flat-rolled products of other alloy steel, width >= 600 mm, not further worked than hot-rolled, not in coils
722550	Flat-rolled products of other alloy steel, width >= 600 mm, not further worked than cold-rolled (cold-reduced)
722591	Flat-rolled products of other alloy steel, width >= 600 mm, electrolytically plated or coated with zinc
722592	Flat-rolled products of other alloy steel, width >= 600 mm, plated or coated with zinc (not electrolytically)
722599	Flat-rolled products of other alloy steel, width >= 600 mm, other
722611	Flat-rolled products of other alloy steel, width < 600 mm, of silicon-electrical steel, grain-oriented
722619	Flat-rolled products of other alloy steel, width < 600 mm, of silicon-electrical steel, non-oriented
722691	Flat-rolled products of other alloy steel, width < 600 mm, not further worked than hot-rolled
722692	Flat-rolled products of other alloy steel, width < 600 mm, not further worked than cold-rolled (cold-reduced)
722699	Flat-rolled products of other alloy steel, width < 600 mm, other
722693*	Flat-rolled prods. of oth. alloy steel (excl. stainless/silicon-electrical/high speed steel), of a width of <600mm, electrolytically plated/coated with zinc
722694*	Flat-rolled prods. of oth. alloy steel (excl. stainless/silicon-electrical/high speed steel), of a width of <600mm, plated/coated with zinc othw. than by electrolytically

Long Products

HS Code	HS Description
721310	Bars and rods, hot-rolled, in irregularly wound coils, of iron or non-alloy steel, containing indentations, ribs, grooves or other deformations produced during the rolling process (concrete reinforcing bars and rods)
721320	Bars and rods, hot-rolled, in irregularly wound coils, of iron or non-alloy steel, other, of free-cutting steel
721391	Bars and rods, hot-rolled, in irregularly wound coils, of iron or non-alloy steel, circular cross-section < 14 mm in diameter
721399	Bars and rods, hot-rolled, in irregularly wound coils, of iron or non-alloy steel, other
721410	Other bars and rods of iron or non-alloy steel, not further worked than forged
721420	Other bars and rods of iron or non-alloy steel, hot-rolled, hot-worked, containing indentations, ribs, grooves or other deformations produced during the rolling process or twisted after rolling (concrete reinforcing bars and rods)
721430	Other bars and rods of iron or non-alloy steel, hot-rolled, hot-drawn or hot-extruded, but including those twisted after rolling, other, of free-cutting steel
721491	Other bars and rods of iron or non-alloy steel, hot-rolled, hot-drawn or hot-extruded, but including those twisted after rolling, of rectangular (other than square) cross-section
721499	Other bars and rods of iron or non-alloy steel, hot-rolled, hot-drawn or hot-extruded, but including those twisted after rolling, other
721510	Other bars and rods of iron or non-alloy steel, of free-cutting steel, not further worked than cold-formed or cold-finished
721550	Other bars and rods of iron or non-alloy steel, not further worked than cold-formed or cold-finished
721590	Other bars and rods of iron or non-alloy steel, other
721610	U, I or H sections of iron or non-alloy steel, not further worked than hot-rolled, hot-drawn or extruded, height < 80 mm
721621	L sections of iron or non-alloy steel, not further worked than hot-rolled, hot-drawn or extruded, height < 80 mm
721622	T sections of iron or non-alloy steel, not further worked than hot-rolled, hot-drawn or extruded, height < 80 mm
721631	U sections of iron or non-alloy steel, not further worked than hot-rolled, hot-drawn or extruded, height >= 80 mm
721632	I sections of iron or non-alloy steel, not further worked than hot-rolled, hot-drawn or extruded, height >= 80 mm
721633	H sections of iron or non-alloy steel, not further worked than hot-rolled, hot-drawn or extruded, height >= 80 mm
721640	L or T sections of iron or non-alloy steel, not further worked than hot-rolled, hot-drawn or extruded, height >= 80 mm
721650	Other angles, shapes and sections of iron or non-alloy steel, not further worked than hot-rolled, hot-drawn or extruded
721699	Other angles, shapes and sections of iron or non-alloy steel, other
721710	Wire of iron or non-alloy steel, not plated or coated, whether or not polished
721720	Wire of iron or non-alloy steel, plated or coated with zinc
721730	Wire of iron or non-alloy steel, plated or coated with other base metals
721790	Wire of iron or non-alloy steel, other
722620	Flat-rolled products of other alloy steel, width < 600 mm, of high speed steel
722710	Bars and rods, hot-rolled, in irregularly wound coils, of other alloy steel, of high speed steel
722720	Bars and rods, hot-rolled, in irregularly wound coils, of other alloy steel, of silico-manganese steel
722790	Bars and rods, hot-rolled, in irregularly wound coils, of other alloy steel, other
722810	Other bars and rods of other alloy steel, of high speed steel
722820	Other bars and rods of other alloy steel, of silico-manganese steel
722830	Other bars and rods of other alloy steel, not further worked than hot-rolled, hot-drawn or extruded
722840	Other bars and rods of other alloy steel, not further worked than forged
722850	Other bars and rods of other alloy steel, not further worked than cold-formed or cold-finished
722860	Other bars and rods of other alloy steel, other
722870	Angles, shapes and sections, of other alloy steel
722880	Hollow drill bars and rods, of alloy or non-alloy steel
722920	Wire of other alloy steel, of silico-manganese steel
722990	Wire of other alloy steel, other

730110	Sheet piling of iron or steel, whether or not drilled, punched or made from assembled elements
730210	Rails of iron or steel
730240	Fish-plates and sole plates of iron or steel
730290	Other railway or tramway track construction material of iron or steel
722520*	Flat-rolled prods. of high speed steel (excl. stainless steel), of a width of 600mm/more
722910*	Wire of high speed steel

Pipe and Tube

HS Code	HS Description
730419	Line pipe of a kind used for oil or gas pipelines, seamless, of iron/non-alloy steel or other alloy steel
730423	Drill pipe of a kind used in drilling for oil or gas, seamless, of iron/non-alloy steel or other alloy steel
730429	Casing and tubing of a kind used in drilling for oil or gas, seamless, of iron/non-alloy steel or other alloy steel
730431	Tubes, pipes and hollow profiles, seamless, of iron/non-alloy steel, of circular cross-section, cold-drawn or cold-rolled (cold-reduced)
730439	Tubes, pipes and hollow profiles, seamless, of iron or non-alloy steel, of circular cross-section, other
730451	Tubes, pipes and hollow profiles, seamless, of other alloy steel, of circular cross-section, cold-drawn or cold-rolled (cold-reduced)
730459	Tubes, pipes and hollow profiles, seamless, of other alloy steel, of circular cross-section, other
730490	Tubes, pipes and hollow profiles, seamless, of iron/non-alloy steel or other alloy steel, other than circular cross-section
730511	Line pipe of a kind used for oil or gas pipelines, of iron/non-alloy steel or other alloy steel, of circular cross-sections, external diameter > 406.4 mm, longitudinally submerged arc welded
730512	Line pipe of a kind used for oil or gas pipelines, of iron/non-alloy steel or other alloy steel, of circular cross-sections, external diameter > 406.4 mm, longitudinally welded
730519	Line pipe of a kind used for oil or gas pipelines, of iron/non-alloy steel or other alloy steel, of circular cross-sections, external diameter > 406.4 mm, riveted or similarly closed
730520	Casing of a kind used in drilling for oil or gas, of iron/non-alloy steel or other alloy steel, of circular cross-sections, external diameter > 406.4 mm, welded, riveted or similarly closed
730531	Other tubes and pipes, of iron/non-alloy steel or other alloy steel, of circular cross-sections, external diameter > 406.4 mm, longitudinally welded
730539	Other tubes and pipes, of iron/non-alloy steel or other alloy steel, of circular cross-sections, external diameter > 406.4 mm, other welded
730590	Other tubes and pipes, of iron/non-alloy steel or other alloy steel, of circular cross-sections, external diameter > 406.4 mm, riveted or similarly closed
730619	Line pipe of a kind used for oil or gas pipelines, welded, of iron/non-alloy steel or other alloy steel
730629	Casing and tubing of a kind used in drilling for oil or gas, welded, of iron/non-alloy steel or other alloy steel
730630	Other tubes, pipes and hollow profiles, welded, of circular cross-section, of iron or non-alloy steel
730650	Other tubes, pipes and hollow profiles, welded, of circular cross-section, of other alloy steel
730661	Other tubes, pipes and hollow profiles, welded, of square or rectangular cross-section, of iron/non-alloy steel or other alloy steel
730669	Other tubes, pipes and hollow profiles, welded, of other non-circular cross-section, of iron/non-alloy steel or other alloy steel
730690	Other tubes, pipes and hollow profiles, riveted or similarly closed, other
730410*	Line pipe, seamless, of iron (excl. cast iron)/steel, of a kind used for oil/gas pipelines
730421*	Drill pipe, seamless, of iron (excl. cast iron)/steel, of a kind used in drilling for oil/gas
730610*	Line pipe (excl. seamless), of a kind used for oil/gas pipelines, of iron/steel
730620*	Casing & tubing of a kind used in drilling for oil/gas, of iron/steel
730660*	Tubes, pipes & hollow profiles (excl. of 7306.10-7306.50), welded, of non-circular cross-section

Semi-finished

HS Code	HS Description
720610	Iron and non-alloy steel in ingots
720690	Iron and non-alloy steel in other primary forms
720711	Semi-finished products of iron or non-alloy steel, < 0.25 % of carbon, of rectangular (including square) cross-section, width less than twice the thickness
720712	Semi-finished products of iron or non-alloy steel, < 0.25 % of carbon, of rectangular (other than square) cross-section
720719	Semi-finished products of iron or non-alloy steel, < 0.25 % of carbon, of cross-section other than rectangular or square
720720	Semi-finished products of iron or non-alloy steel, > 0.25 % of carbon
722410	Ingots and other primary forms of other alloy steel
722490	Semi-finished products of other alloy steel

Stainless

HS Code	HS Description
721810	Stainless steel in ingots or other primary forms
721891	Semi-finished products of stainless steel, of rectangular (other than square) cross-section
721899	Semi-finished products of stainless steel, of non-rectangular cross-section
721911	Flat-rolled products of stainless steel, width >/= 600 mm, not further worked than hot-rolled, in coils, thickness > 10 mm
721912	Flat-rolled products of stainless steel, width >/= 600 mm, not further worked than hot-rolled, in coils, thickness 4.75 mm-10 mm
721913	Flat-rolled products of stainless steel, width >/= 600 mm, not further worked than hot-rolled, in coils, thickness 3 mm-4.75 mm
721914	Flat-rolled products of stainless steel, width >/= 600 mm, not further worked than hot-rolled, in coils, thickness < 3 mm

721921	Flat-rolled products of stainless steel, width \geq 600 mm, not further worked than hot-rolled, not in coils, thickness $>$ 10 mm
721922	Flat-rolled products of stainless steel, width \geq 600 mm, not further worked than hot-rolled, not in coils, thickness 4.75 mm-10 mm
721923	Flat-rolled products of stainless steel, width \geq 600 mm, not further worked than hot-rolled, not in coils, thickness 3 mm-4.75 mm
721924	Flat-rolled products of stainless steel, width \geq 600 mm, not further worked than hot-rolled, not in coils, thickness $<$ 3 mm
721931	Flat-rolled products of stainless steel, width \geq 600 mm, not further worked than cold-rolled (cold-reduced, thickness \geq 4.75
721932	Flat-rolled products of stainless steel, width \geq 600 mm, not further worked than cold-rolled (cold-reduced), thickness 3 mm-4.75 mm
721933	Flat-rolled products of stainless steel, width \geq 600 mm, not further worked than cold-rolled (cold-reduced), thickness 1 mm-3 mm
721934	Flat-rolled products of stainless steel, width \geq 600 mm, not further worked than cold-rolled (cold-reduced), thickness 0.5 mm-1 mm
721935	Flat-rolled products of stainless steel, width \geq 600 mm, not further worked than cold-rolled (cold-reduced), thickness $<$ 0.5 mm
721990	Flat-rolled products of stainless steel, width \geq 600 mm, other
722011	Flat-rolled products of stainless steel, width $<$ 600 mm, not further worked than hot-rolled, thickness \geq 4.75 mm
722012	Flat-rolled products of stainless steel, width $<$ 600 mm, not further worked than hot-rolled, thickness $<$ 4.75 mm
722020	Flat-rolled products of stainless steel, width $<$ 600 mm, not further worked than cold-rolled (cold-reduced)
722090	Flat-rolled products of stainless steel, width $<$ 600 mm, other
722100	Bars and rods, hot-rolled, in irregularly wound coils, of stainless steel
722211	Other bars and rods of stainless steel, not further worked than hot-rolled, hot-drawn or extruded, of circular cross-section
722219	Other bars and rods of stainless steel, not further worked than hot-rolled, hot-drawn or extruded, of other than circular cross-section
722220	Other bars and rods of stainless steel, not further worked than cold-formed or cold-finished
722230	Other bars and rods of stainless steel, other
722240	Angles, shapes and sections of stainless steel
722300	Wire of stainless steel
730411	Line pipe of a kind used for oil or gas pipelines, seamless, of stainless steel
730422	Drill pipe of a kind used in drilling for oil or gas, seamless, of stainless steel
730424	Casing and tubing of a kind used in drilling for oil or gas, seamless, of stainless steel
730441	Tubes, pipes and hollow profiles, seamless, of stainless steel, of circular cross-section, cold-drawn or cold-rolled (cold-reduced)
730449	Tubes, pipes and hollow profiles, seamless, of stainless steel, of circular cross-section, other
730611	Line pipe of a kind used for oil or gas pipelines, welded, of stainless steel
730621	Casing and tubing of a kind used in drilling for oil or gas, welded, of stainless steel
730640	Other tubes, pipes and hollow profiles, welded, of circular cross-section, of stainless steel

Descriptions compiled from: United Nations Commodity Trade Statistics Database (COMTRADE); Harmonized Tariff Schedule of the United States; IHS Global Trade Atlas

* Indicates Harmonized System (HS) codes discontinued in 2007 by the World Customs Organization

NOTE: Steel mill product category classifications use United States steel industry standards.