

Stainless steel wire

Wires obtained from cold plastic deformation. Manufactured in diameters from 0.2 mm to 10 mm.

Chemical Composition Standards: EN 10088 (for stainless steels) and ASTM A959 (for stainless steels and related alloys) are two widely used international standards that specify the permissible chemical compositions for stainless steels, including percentages of alloying elements.

Mechanical properties standards: EN 10270-3 (for stainless steel wires for mechanical purposes) and ASTM A313/A313M (for stainless steel wires for mechanical purposes and springs) are two international standards that specify the requirements for the mechanical properties of stainless steel wires, including tensile strength, yield strength, elongation, and hardness.

Dimensional Tolerance Standards: EN 10218-2 (for stainless steel wire) and ASTM A555/A555M (for stainless steel wire) are two international standards that specify allowable dimensional tolerances for wire diameter, wire shape, and other geometric characteristics of stainless steel wire.

Certificates: EN 10204

Applications: Manufacture of springs, wire mesh, metal frameworks, etc.

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Technical information

ALAMBRE EN ACERO INOXIDABLE			
Diámetro	Peso	AISI-302	AISI-304 recocido
(mm)	kgs/mts		
0.2	0.000248	*	*
0.25	0.000387	*	*
0.3	0.000558	180100803	*
0.35	0.000758	*	*
0.4	0.000992	180100804	*
0.45	0.0001255	*	*
0.5	0.000155	180100805	*
0.55	0.0001875	*	*
0.6	0.002233	180100806	1801007R06
0.7	0.003038	180100807	*
0.8	0.003969	180100808	*
0.9	0.005023	180100809	*
1	0.006202	180100810	1801007R10
1.1	0.007503	*	*
1.2	0.00893	180100812	*
1.5	0.013953	180100815	1801007R15
1.6	0.015876	180100816	*
1.6		180100817	*

1.8		180100818	*
2	0.24806	180100820	*
2.5	0.038759	*	*
3	0.055814	180100830	*
4	0.099224	*	*
5	0.155038	*	*