

Material:304,304L,316,316L

Diameter: 5mm to 0.025mm

Use: wire-drawing, weaving of **wire mesh**, soft pipe, beam of cabinet, steel wire rope, filter material and equipment, spring, etc.

Chemical composition of stainless steel wire:

AISI Grade	Chemical Composition (%)							
	C	Si	Mn	P	S	Ni	Cr	Mo
304	≤0.08	≤1.00	≤2.00	≤0.045	≤0.030	8.00~10.50	18.00~20.00	-
304H	>0.08	≤1.00	≤2.00	≤0.045	≤0.030	8.00~10.50	18.00~20.00	-
304L	≤0.030	≤1.00	≤2.00	≤0.045	≤0.030	9.00~13.50	18.00~20.00	-
316	≤0.045	≤1.00	≤2.00	≤0.045	≤0.030	10.00~14.00	10.00~18.00	2.00~3.00
316L	≤0.030	≤1.00	≤2.00	≤0.045	≤0.030	12.00~15.00	16.00~18.00	2.00~3.00
430	≤0.12	≤0.75	≤1.00	≤0.040	≤0.030	≤0.60	16.00~18.00	-
430A	≤0.06	≤0.50	≤0.50	≤0.030	≤0.50	≤0.25	14.00~17.00	-

Sizes of Stainless Steel Wire:

Wire Diameter(mm)	Tolerance(mm)/TD>	Max. Deviation Tolerance (mm)
0.020-0.049	+0.002 -0.001	0.001
0.050-0.074	±0.002	0.002
0.075-0.089	±0.002	0.002
0.090-0.109	+0.003 -0.002	0.002
0.110-0.169	±0.003	0.003
0.170-0.184	±0.004	0.004
0.185-0.199	±0.004	0.004
0.200-0.299	±0.005	0.005
0.300-0.310	±0.006	0.006
0.320-0.499	±0.006	0.006